

BUILDING TRUST



MARMODOM

BUILDING MATERIALS

MEMBER OF EAGLE GROUP S.A.



MEMBER OF EAGLE GROUP S.A.





BUILDING TRUST

MARMODOM

The MARMODOM production unit, part of the Greek EAGLE Group, with many years of experience in construction, produces high-quality mortars, through a continuously expanding product range.

The use of high-quality white marble powder and other excellent raw materials represent the solid foundation of MARMODOM's products.

The consistent quality of all our products, which feature CE and ISO 9001 marking, is

ensured by combining adherence to strict quality control procedures and continuous checks.

All quality control checks and research and development work are performed by specialised personnel in our fully equipped laboratory.

Our goal is to provide technical solutions in the field of construction and optimum customer service via quality products.

MARMODOM... Building trust!



The EAGLE SA group.

The Greek group EAGLE combines a solid heritage in the all-white marble and natural stone industries with application of an innovative approach and a pioneering spirit.

Carrying a long tradition in the marble industry, we have inherited an affection for natural stones and a respect for their nature. Our main priorities are understanding your needs, providing integrated solutions and committing to quality results.

Flexibility with regards to customised solutions, thorough technical expertise, cutting-edge technological equipment and our specialised personnel serve as a guarantee for successful results.

The EAGLE Group offers a broad range of materials, including many types of white marble, from quarries mainly in Southern Europe but also from around the world.

Offering integrated solutions

Parallel to the marble-processing facilities, the group maintains a MARMODOM construction material production plant, a wood-processing plant, a transport company, a vehicle-repair and maintenance facility, as well as a customs service. Our seat is in the region of Drama, in Greece.

This important chapter guarantees the smooth flow of the supply chain, without external interference, ensuring an impressively fast delivery process for our clients.

Marble allows your ideas to take off and EAGLE helps carry them even beyond your expectations.



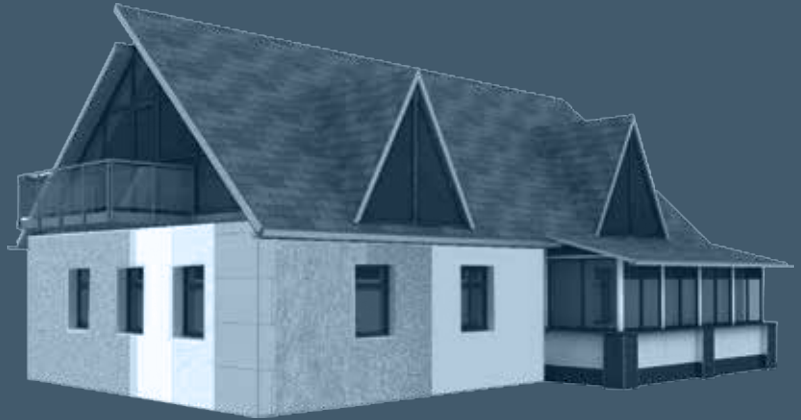


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MARMODOM

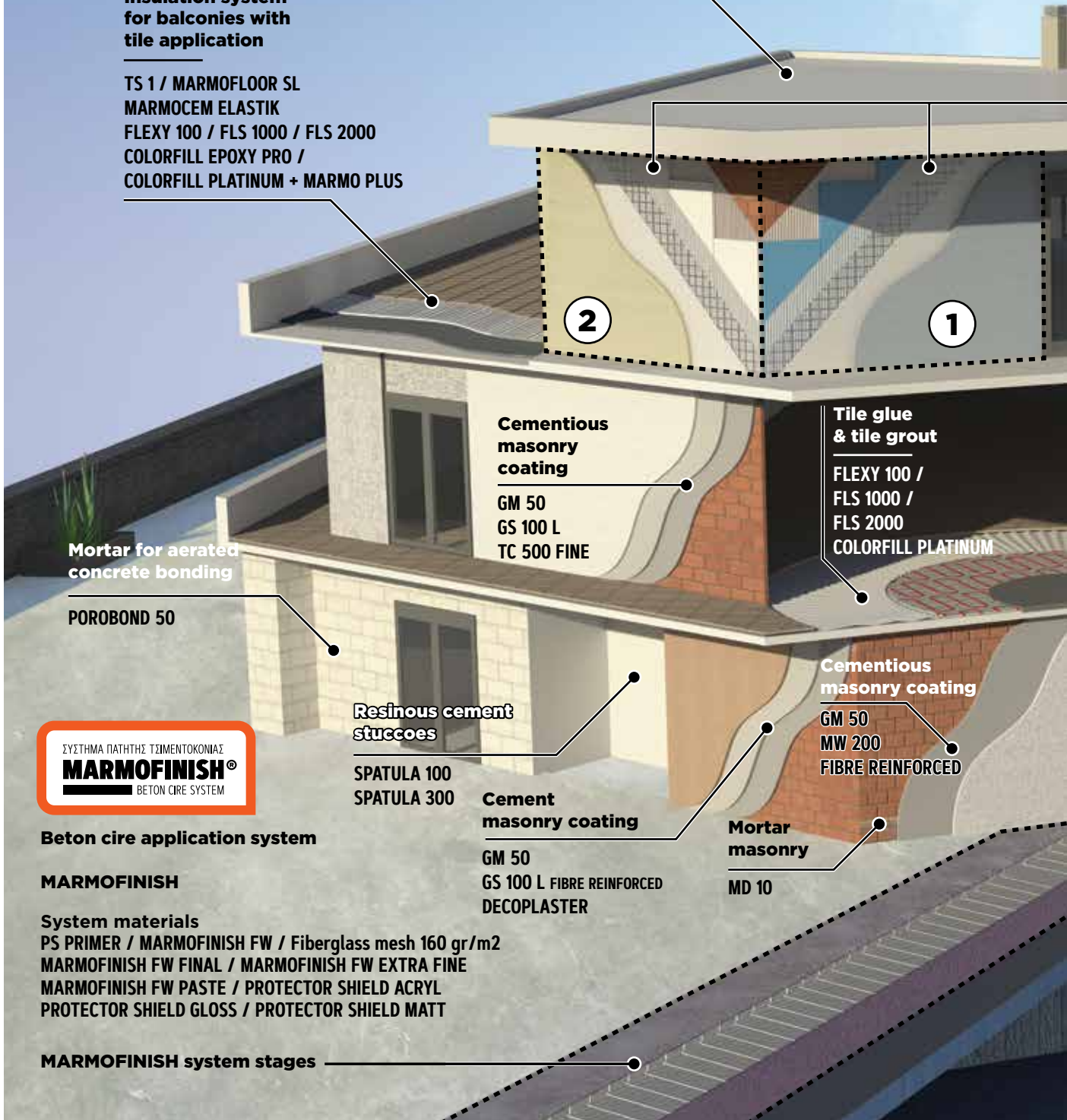
BUILDING MATERIALS

Roof insulation Systems

MARMOFLEX PRIMER
MARMOFLEX Acryl /
MARMOFLEX Hybrid /
MARMOFLEX PU W

Insulation system for balconies with tile application

TS 1 / MARMOFLOOR SL
MARMOCEM ELASTIK
FLEXY 100 / FLS 1000 / FLS 2000
COLORFILL EPOXY PRO /
COLORFILL PLATINUM + MARMO PLUS



Mortar for aerated concrete bonding

POROBOND 50

ΣΥΣΤΗΜΑ ΠΑΘΗΤΗΣ ΤΣΙΜΕΝΟΚΟΜΙΑΣ
MARMOFINISH®
BETON CIRE SYSTEM

Beton cire application system

MARMOFINISH

System materials

PS PRIMER / MARMOFINISH FW / Fiberglass mesh 160 gr/m²
MARMOFINISH FW FINAL / MARMOFINISH FW EXTRA FINE
MARMOFINISH FW PASTE / PROTECTOR SHIELD ACRYL
PROTECTOR SHIELD GLOSS / PROTECTOR SHIELD MATT

MARMOFINISH system stages

Resinous cement stuccoes

SPATULA 100
SPATULA 300

Cement masonry coating

GM 50
GS 100 L FIBRE REINFORCED
DECOPLASTER

Mortar masonry

MD 10

Cementitious masonry coating

GM 50
GS 100 L
TC 500 FINE

Tile glue & tile grout

FLEXY 100 /
FLS 1000 /
FLS 2000
COLORFILL PLATINUM

Cementitious masonry coating

GM 50
MW 200
FIBRE REINFORCED



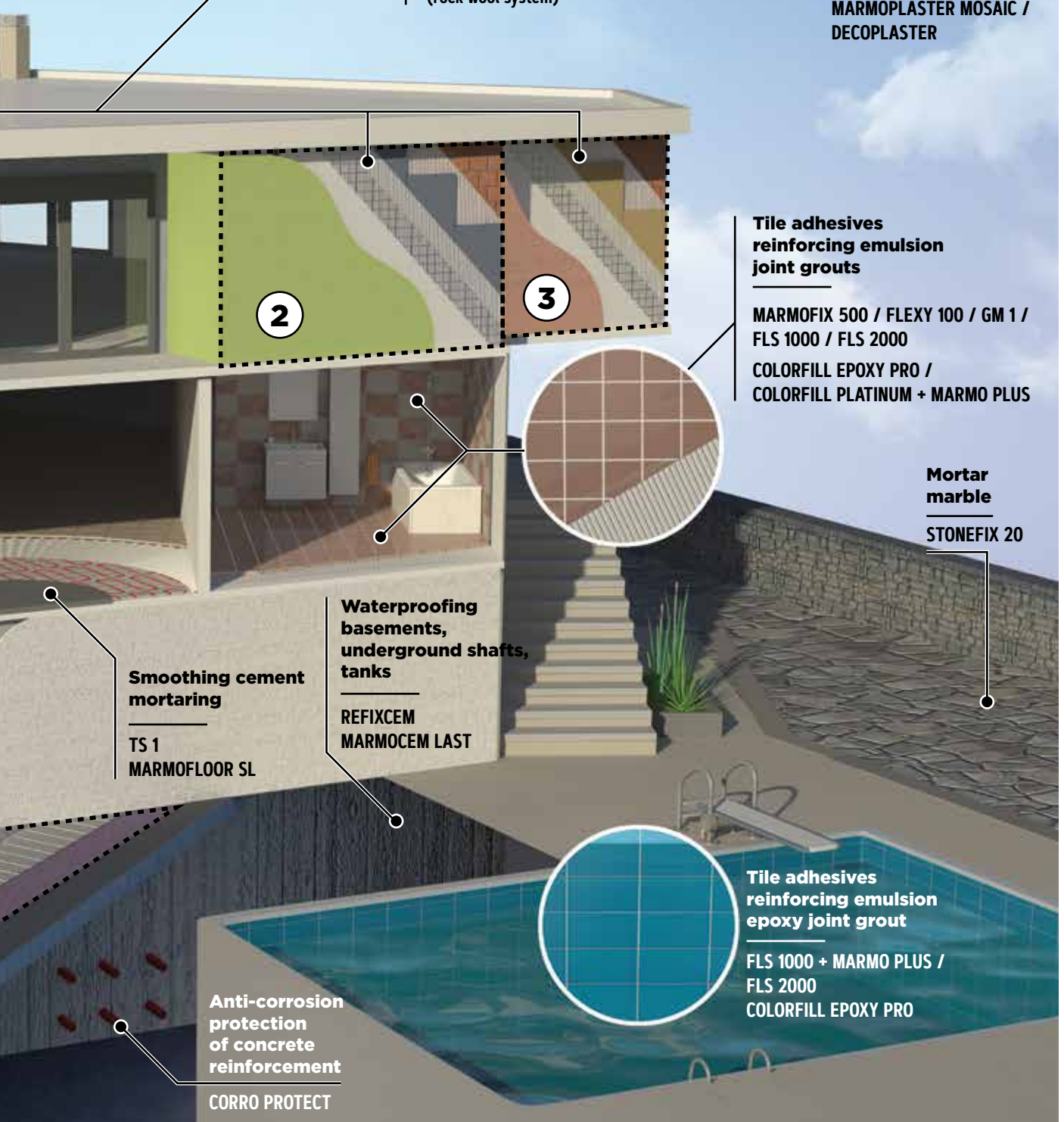
Certified Systems:
External thermal insulation (ETICS)

BIOPANOPLY XPS ①
(extruded polystyrene system)

BIOPANOPLY EPS ②
expanded polystyrene (with or without graphite) system

BIOPANOPLY WOOL ③
(rock wool system)

System materials:
BIOPANOPLY ACRYL
FL100 ST BIOPANOPLY /
FL100 ST THICK /
FL100 ST WOOL /
FL100 ST STANDARD
BIOPRIMER
BIOPLASTER / EASYROLL /
SILICONE PLASTER /
MARMOPLASTER MOSAIC /
DECOPLASTER



**Tile adhesives
reinforcing emulsion
joint grouts**

MARMOFIX 500 / FLEXY 100 / GM 1 /
FLS 1000 / FLS 2000
COLORFILL EPOXY PRO /
COLORFILL PLATINUM + MARMO PLUS

**Mortar
marble**
STONEFIX 20

**Waterproofing
basements,
underground shafts,
tanks**

REFIXCEM
MARMOCEM LAST

**Smoothing cement
mortaring**

TS 1
MARMOFLOOR SL

**Anti-corrosion
protection
of concrete
reinforcement**

CORRO PROTECT

**Tile adhesives
reinforcing emulsion
epoxy joint grout**

FLS 1000 + MARMO PLUS /
FLS 2000
COLORFILL EPOXY PRO



Certifications

Continuous quality sampling checks performed daily by our specialised laboratory during the most critical stages of the production process ensure the constant quality of all of our products, which are produced in accordance with European Union directives.

Our company and its products are certified, fulfilling all requirements of ISO 9001:2015 on production, design and sales. Our products are certified on the basis of current EN standards and bear the CE marking stating that the product in question complies with EU directives on health, safety and environmental protection to be marketed and freely distributed throughout the European market, thereby representing its European "passport".

CE certification procedures include verification of compliance with the individual product-specific guidelines, clarification of design requirements, production quality control tests, compliance with the products' technical specifications, the maintenance of a technical record on the product and the certification of all the aforementioned by an independent body that oversees and evaluates the company's overall quality system.





01

Ready-to-mix plasters – Dry mortars

Masonry-preparation mortar "gunite" GM 50 (40 kg)	15
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DECOPLASTER (25 kg) (coloured)	21

NOTES

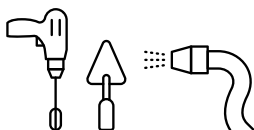
Ready-to-mix plasters should not be applied directly on gypsum walls or gypsum mortars, unless under user responsibility and provided an acrylic primer has been previously applied.

Excess water use reduces expected product quality.

Ready-to-mix plasters contain cement, classified as an irritant. Read the safety instructions and precautions in the product Material Safety Data Sheet.

REMINDER

Although the specifications and instructions stated in this document have been compiled based on the best of our abilities, knowledge and experience, they should only be considered as indicative results and require verification following many applications. Product users must verify its suitability for the intended application. End-users assume sole responsibility for using the product.



GM 50

**Mortar for "guniting"
(GUNITE) (grey)**

GM 50 is used as the first (guniting) plaster layer, improving the adhesion of the next, basic or main plaster layer. Applied before plastering on masonries of bricks, concrete, aerated concrete, cement blocks, stone, insulation boards, etc. Can also be used for various repair works. Homogeneous, ready-to-mix, industrial product of consistently high quality, suitable for outdoor and indoor applications. Offers high mechanical strength, excellent adhesion and resistance to moisture and frost. Ensures proper workability, increased application speed, is cost-effective with excellent results.



COMPOSITION & CHARACTERISTICS

- Mortar of high-quality grey cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with the following specifications: EN 998-1:2010 / CSIV, W2. Grain size <2.4mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is mixed with clean water (approximately 5.5-6.0 lt/bag) using an electric stirrer at low speed or a traditional cement mixer until a homogeneous mixture is formed.
- Can be applied either conventionally (by hand) or using modern plastering devices.

- The plaster must be applied evenly, to fully cover the masonry and create a rough surface. Soaking is recommended during the first two twenty-four hour periods.
- The basic or main plaster layer must be applied after two or three days. Depending on weather conditions, the specific time frame should be extended.
- During application, the temperature must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 5 kg/m², depending on substrate type and preparation.

PACKAGING & STORAGE

- In 40 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

01

Ready-to-mix plasters -
Dry mortars

TECHNICAL SPECIFICATIONS

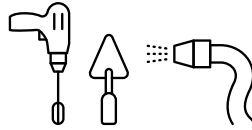
Specifications: EN 998-1:2010 / CS IV, W2, grain size <2.4 mm

Grain size	0.0-2.4 mm	Compressive strength	9.2 N/mm ²
Dry bulk density	1,690 kg/m ³	Flexural strength	3.5 N/mm ²
Consumption	5.0 kg/m ²	Capillary water absorption (C_m)	0.05 kg/m ² · min ^{0.5}
Adhesion	2.3 N/mm ²		



GS 100 L

Basic layer plaster (grey)



GS 100 L is used as a basic plaster layer on indoor and outdoor surfaces. For masonries made of bricks, concrete, autoclaved aerated concrete, cement blocks, stone, etc. Also suitable for various repair works.

Homogeneous ready-to-mix industrial product with consistently high quality. Offers high mechanical strength, excellent adhesion and resistance to moisture and frost. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality grey cement, crushed marble with selected grain sizes, hydrated lime and special improver additives.
- Conforms with EN 998-1:2010 / CSIII, W2 specifications. Grain size <2.4 mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 8.0 lt/bag) using traditional cement mixers or modern plastering devices. GS 100 L is applied over the mortar layer for "gunite" (GM 50), by hand using a trowel or directly by using a plastering device. Can also be applied directly on wall surfaces.
- Use of fibreglass mesh sheets is required to avoid cracks and stress between different types of substrates, such as concrete, bricks, aerate concrete etc. First apply 1/3 of the plaster, then the fibreglass mesh and finally the remaining 2/3 of the plaster. Following application, the surface is smoothed out using a metal bar (trowel). Soaking for two days is recommended.
- To protect exposed corners from possible damage and smooth out surfaces, use corner beads.

- GS 100 L, as a basic plaster layer, is intended to be covered with decorative top-coat plasters such as TC 500 FINE, DECOPLASTER or paste plasters such as BIOPASTER. Once adequately absorbed, polish using a hawk or a hard wet sponge to leave a "combed" final surface slightly rough but flat, to be covered using decorative plaster. prior to application of the decorative plaster, the GS 100 L must have fully dried. Depending on the season, at least 2-3 days are required.
- If the basic layer is not to be covered with decorative plaster, it can be smoothed out by hand, by grating in cyclical movements using a rasp with a hard wet sponge. For best results, then use a rasp with a dry sponge.
- The plaster must be applied at temperatures between +5°C and +35°C.

CONSUMPTION

Approximately 13-14 kg/m² for a thickness of 1.0 cm, depending on substrate type and preparation.

PACKAGING & STORAGE

- In 40kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

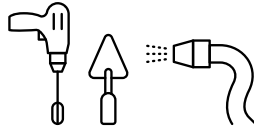
Specifications: EN 998-1:2010 / CS III, W2, grain size <2.4 mm

Grain size	0.0-2.4 mm	Compressive strength	4.1 N/mm ²
Dry bulk density	1,730 kg/m ³	Flexural strength	1.7 N/mm ²
Consumption	13-14 kg/m ²	Capillary water absorption (C_m)	0.16 kg/m ² . min ^{0.5}
Adhesion	1.8 N/mm ²		

01

Ready-to-mix plasters -
Dry mortars





GS 100 L FIBRE REINFORCED

**Basic layer
plaster (grey)**



Fibre-reinforced GS 100 L is used as a basic plaster layer on indoor and outdoor surfaces. For masonries made of bricks, concrete, autoclaved aerated concrete, cement blocks, stone, etc. Also suitable for various repair works. Its mechanical properties, such as its flexural and compressive strength are improved in comparison to the non-fibre reinforced GS 100 L, while its workability remains unchanged.

Homogeneous ready-to-mix industrial product with consistently high quality. Offers high mechanical strength, excellent adhesion and resistance to moisture and frost. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality grey cement, crushed marble with selected grain sizes, hydrated lime, propylene fibres and special improver additives.
- Conforms with EN 998-1:2010 / CSIII, W2 specifications. Grain size <2.4mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 5.0 lt/bag) using traditional cement mixers or modern plastering devices. The fibre-reinforced GS 100 L is applied over the "gunite" (GM 50) mortar layer by hand, using a trowel or directly using a plastering device. Can also be applied directly on wall surfaces.
- Use of fibreglass mesh sheets is required to avoid cracks and stress between different types of substrates, such as concrete, bricks, aerate concrete etc. First apply 1/3 of the plaster, then the fibreglass mesh and finally the remaining 2/3 of the plaster. Following application, the surface is smoothed out using a metal bar (trowel). Soaking for two days is recommended.

- To protect exposed corners from possible damage and smooth out surfaces, use corner beads.
- The fibre-reinforced GS 100 L, as a basic plaster layer, is intended to be covered with decorative top-coat plasters such as TC 500 FINE, DECOPLASTER or paste plasters such as BIOPASTER. Once adequately absorbed, polish using a hawk or a hard wet sponge to leave a "combed" final surface slightly rough but flat, to be covered using decorative plaster. Before applying the decorative plaster, the GS 100 L must have fully dried. Depending on the season, at least 2-3 days are required.
- If the basic layer is not to be covered with decorative plaster, it can be smoothed out by hand, by grating in cyclical movements using a rasp with a hard wet sponge. For best results, then use a rasp with a dry sponge.
- The plaster must be applied at temperatures between +5 °C and +35 °C.

CONSUMPTION

Approximately 13-14 kg/m², depending on substrate type and preparation.

PACKAGING & STORAGE

- In 25kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

01

Ready-to-mix plasters -
Dry mortars

TECHNICAL SPECIFICATIONS

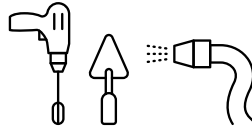
Specifications: EN 998 - 1:2010 / CS IV, W2, grain size <2.4 mm

Grain size	0.0-2.4 mm	Compressive strength	>4.1 N/mm ²
Dry bulk density	1,730 kg/m	Flexural strength	>1.7 N/mm ²
Consumption	13-14 kg/m ²	Capillary water absorption (C_m)	0.16 kg/m ² . min ^{0.5}
Adhesion	1.8 N/mm ²		



MW 200

One-layer plaster (white)



MW 200 is used as a one-layer plaster on indoor and outdoor surfaces. For masonries made of bricks, concrete, autoclaved aerated concrete, cement blocks, stone, etc. Also suitable for various repair works.

Homogeneous ready-to-mix industrial product with consistently high quality. Offers high mechanical strength, excellent adhesion and resistance to moisture and frost. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, hydrated lime and special improver additives.
- Conforms with the following specifications: EN 998-1:2010 / CSIII, W2. Grain size <1.3 mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 8.0 lt/bag) using traditional cement mixers or modern plastering devices. The MW 200 is applied over the mortar layer for "gunite" (GM 50), by hand using a trowel or directly by using the plastering device.
- The use of fibreglass mesh sheets is required to avoid cracks and stress between different types of substrates, such as concrete, bricks, aerate concrete, insulation boards etc. First apply 1/3 of the plaster, then the fibreglass mesh and finally the remaining 2/3 of the plaster.

- Following application, the surface is smoothed out using a metal bar (trowel). To protect exposed corners from possible damage and smooth out surfaces, use corner beads.
- Once the plaster sets to a satisfactory degree (the time required depends on weather conditions, thickness of applied plaster and substrate), the plaster is smoothed out by hand, by grating with cyclical movements, using a rasp with a hard, wet sponge. For best results, then use a rasp with a dry sponge.
- The plaster must be applied at temperatures between +5 °C and +35 °C.

CONSUMPTION

Approximately 12.0-13.0kg/m² for a thickness of 1.0 cm, depending on substrate type and preparation.

PACKAGING & STORAGE

- In 40 kg bags, on pallets or as bulk in silos.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

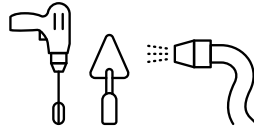
Specifications: EN 998-1:2010 / CS III, W2, grain size <1.3 mm

Grain size	0.0-1.3 mm	Adhesion	1.9 N/mm ²
Dry bulk density	1,610 kg/m ³	Compressive strength	5.5 N/mm ²
Consumption	12.0-13.0 kg/m ²	Flexural strength	2.4 N/mm ²
Thermal conductivity $\lambda_{10, dry}$	0.61 W/m·K	Capillary water absorption (C_m)	0.14 kg/m ² ·min ^{0.5}

01

Ready-to-mix plasters -
Drymortars





MW 200 FIBRE REINFORCED

**One-layer
plaster (white)**



The fibre-reinforced MW 200 is used as a one-layer plaster on indoor and outdoor surfaces. For masonries made of bricks, concrete, autoclaved aerated concrete, cement blocks, stone, etc. Also suitable for various repair works. Its mechanical properties such as its flexural and compressive strength are improved in comparison to the non-fibre reinforced MW 200, while its workability remains unchanged.

Homogeneous ready-to-mix industrial product with consistently high quality. Offers high mechanical strength, excellent adhesion and resistance to moisture and frost. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, hydrated lime, propylene fibre and special improver additives.
- Conforms with EN 998-1:2010 / CSIII, W2 specifications. Grain size <1.3 mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 5.0 lt/bag) using traditional cement mixers or modern plastering devices. The fibre-reinforced MW 200 is applied over the mortar layer for "gunite" (GM 50) or by hand using a trowel or directly by using a plastering device.
- The use of fibreglass mesh sheets is required to avoid cracks and stress between different types of substrates, such as concrete, bricks, aerate concrete, insulation boards etc. First apply 1/3 of the plaster, then the fibreglass mesh and finally the remaining 2/3 of the plaster.

- Following application, the surface is smoothed out using a metal bar (trowel). To protect exposed corners from possible damage and smooth out surfaces, use corner beads.
- Once the plaster sets to a satisfactory degree (the time required depends on weather conditions, thickness of applied plaster and substrate), the plaster is smoothed out by hand, by grating with cyclical movements, using a rasp with a hard, wet sponge. For best results, then use a rasp with a dry sponge.
- The plaster must be applied at temperatures between +5 °C and +35 °C.

CONSUMPTION

Approximately 12.0-13.0kg/m² for a thickness of 1.0 cm, depending on substrate type and preparation.

PACKAGING & STORAGE

- In 25 kg bags in 5 kg pallets and bags in cartons of 4.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

01

Ready-to-mix plasters -
Dry mortars

TECHNICAL SPECIFICATIONS

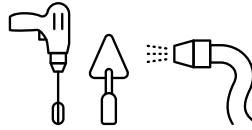
Specifications: EN 998 - 1:2010 / CS III, W2, grain size <1.3 mm

Grain size	0.0-1.3 mm	Adhesion	1.9 N/mm ²
Dry bulk density	1,610 kg/m	Compressive strength	>5.5 N/mm ²
Consumption	12.0-13.0 kg/m ²	Flexural strength	>2.4 N/mm ²
Thermal conductivity $\lambda_{10, dry}$	0.61 W/m.K	Capillary water absorption (C_m)	0.14 kg/m ² . min ^{0.5}



TC 500 FINE

Top layer
plaster (white)



TC 500 FINE is a thin layer decorative plaster used as a top coat on indoor and outdoor surfaces. It is applied over the basic layer plaster, while following its application no painting of the plastered surfaces is required.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, hydrated lime and special improver additives.
- Conforms with the following specifications: EN 998-1:2010 / CSII, WO. Grain size <1.3 mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 5,0 lt/bag) using traditional cement mixers or modern plastering devices.
- TC 500 FINE is applied over the basic layer plaster using a hawk or a stainless steel spatula or directly using the plastering device. The application layer must be approximately 3-4 mm. Can also be applied in two layers, the second being applied before the first one dries completely. Total plaster thickness is recommended not to exceed 0.5 cm. For application and finishing, a metal hawk or a spatula can be used immediately following its application.

- Once the plaster sets to a satisfactory degree (the time required depends on weather conditions, application thickness and the substrate), the plaster is smoothed out by hand, by grating with cyclical movements, using a rasp with a hard, wet sponge. For best results, then use a rasp with a dry sponge.
- For optimal results, surface finishing must be performed immediately following plastering, as a single procedure.
- The plaster must be applied at temperatures between +5 °C and +35 °C.

CONSUMPTION

Approximately 5.0 kg/m² for a thickness of 3 mm, depending on substrate type.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

01

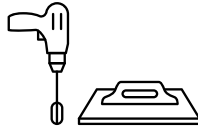
Ready-to-mix plasters -
Dry mortars

TECHNICAL SPECIFICATIONS

Specifications: EN 998-1:2010 / CSII, WO, grain size <1.3mm

Grain size	0.0-1.3 mm	Compressive strength	≥3.0 N/mm ²
Dry bulk density	~1,500 kg/m ³	Flexural strength	≥1.0 N/mm ²
Consumption	~5.0 kg/m ²	Capillary water absorption (C _m)	~0.6 kg/m ² . min ^{0.5}
Adhesion	≥0.7 N/mm ²		





DECOPLASTER

Coloured decorative water-repellent, top layer plaster décor & grafiato

Available granulometries
DECOR FINE, DECOR STANDARD, GRAFIATO FINE, GRAFIATO STANDARD

DECOPLASTER is a decorative, top layer plaster in a DÉCOR & GRAFIATO design, used mainly for exterior but also interior applications. It is certified in accordance with ETAG 004 for MARMODOM's BIOPANOPLY exterior thermal insulation as a final decorative plaster over the external coating of thermal insulation boards ("adhesive/net"). It is applied over the basic layer plaster or over the single layer plaster, while following its application no painting of the plastered surfaces is required. Homogeneous ready-to-mix industrial product with consistently high quality. Features excellent mechanical characteristics, excellent adhesion and resistance to moisture and frost, and increased resistance to cracking. Ensures proper workability, increased application speed, is cost-effective with excellent results.



COMPOSITION & CHARACTERISTICS

- Mortar of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with European standards EN:EN 998-1:2010 / CSII, W2, grain size: standard <2.4 mm, fine <1.3 mm

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 5.5 lt/bag) using an electric stirrer at low speed until a homogeneous mixture is formed.
- To produce coloured DECO-PLASTER dilute the proper MARMOCOLOR dye into water and then mix the white plaster with the diluted dye.
- This product is applied over the basic layer plaster or the single layer plaster using a stainless steel spatula. The application layer thickness must be approximately 3 mm for the standard version and 1.5 mm for the fine version. For the purposes of the required decoration, a metal hawk or a spatula can be used immediately after applying the DECOPLASTER. Smoothing / grinding of the plaster is recommended to be performed using a hard

plastic rasp or a styrofoam rasp without soaking the plaster.

The DÉCOR look is best achieved using small, cyclical rasp movements.

The GRAFIATO look is best achieved using large, cyclical rasp movements followed by linear movements in the desired direction.

- For optimal results, surface finishing must be performed immediately following plastering, as a single procedure.
- The plaster must be applied at temperatures between +5°C and 35°C.

CONSUMPTION

DECOR FINE	- 2.5 - 3.5kg/m ²
DECOR STANDARD	- 3.0 - 4.0kg/m ²
GRAFIATO FINE	- 3.0 - 4.0kg/m ²
GRAFIATO STANDARD	- 4.0 - 5.0kg/m ²

for a thickness of 1.0 mm, depending on substrate type.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

01

Ready-to-mix plasters -
 Dry mortars

TECHNICAL SPECIFICATIONS

Specifications: EN 998-1:2010 / CS II, W2

	Grain size	Adhesion	1.6 N/mm ²
Standard:	0.0-2.4 mm	Compressive strength	4.0 N/mm ²
Fine:	0.0-1.3 mm		
Dry bulk density	~1,700 kg/m ³	Flexural strength	1.8 N/mm ²
Consumption	~5 kg/m ²	Capillary water absorption (C_m)	0.01 kg/m ² . min ^{0.5}





Ready-to-use, top-coat paste plasters



**HUGE COLOUR
PORTFOLIO
AVAILABLE**



**Indicative colours in various grain sizes of BIOPASTER
and SILICONE PLASTER**



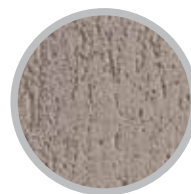
**DÉCOR
1 mm**



**DÉCOR
1.5 mm**



**DÉCOR
2 mm**



**GRAFIATO
1.5 mm**



**GRAFIATO
2.5 mm**

Ready-to-use, top-coat paste plasters

BIOPLASTER (25 kg, 5 kg) 25

Acrylic, waterproof, coloured, decorative plaster.
Available grain sizes: grafiato: 1.5 mm / 2.5 mm,
décor: 1.0 mm / 1.5 mm / 2.0 mm

EASYROLL (25 kg, 5 kg) 26

Flexible, acrylic, coloured, waterproof roll-applied plaster

SILICONE PLASTER (25 kg, 5 kg)..... 27

Siliceous, vapour-permeable, coloured, decorative plaster.
Available grain sizes: grafiato: 1.5 mm / 2.5 mm
décor: 1.0 mm / 1.5 mm / 2.0 mm

MARMOPLASTER MOSAIC (25 kg, 5 kg) 28

Decorative, acrylic plaster with a granite-like appearance.
In 12 selected colour combinations.

Colour pigments for colouring plasters / beton cire

MARMO COLOR in 11 selected colours 29

Y1 Yellow beige, Y2 Yellow light, Y3 Yellow ochre,
B1 Brown milky, B2 Brown light, B3 Brown Cacao,
G Grey dark, GB Grey blue, S Sand rose, S1 Rose light,
R1 Red minoan

NOTES

For best quality results, before applying the paste plasters, the substrate must be prepared with the BIORPIMER primer in the same hue or colour combination.

REMINDER

Although the specifications and instructions stated in this document have been compiled based on the best of our abilities, knowledge and experience, they should only be considered as indicative results and require verification following many applications. Product users must verify its suitability for the intended application. End-users assume sole responsibility for using the product.



BIOPLASTER

Acrylic, waterproof, coloured, decorative plaster

GRAFIATO GRAIN SIZES: 1.5 mm / 2.5 mm
DÉCOR grain sizes: 1.0 mm / 1.5 mm / 2.0 mm

BIOPLASTER is a coloured, pasty, acrylic plaster, ready-for-use, with a DÉCOR & GRAFIATO style. Suitable for outdoor and indoor applications. Certified in accordance with ETAG 004 for MARMODOM's BIOPANOPLY external thermal insulation systems, as a top decorative plaster. Used as the top layer on substrates such as basic or single layer plaster, concrete, gypsum boards, concrete boards etc. Ideal as top coating on external thermal insulation systems. Ensures complete water-repellence and eliminates the risk of cracking. Painting the plastered surfaces is not required.

Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.



02

Ready-to-use, top-coat paste plasters

COMPOSITION & CHARACTERISTICS

Mixture of a high elasticity acrylic latex, crushed marble with selected grain sizes, enriched with special improver additives.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.).
- The product is mixed thoroughly and applied using a smooth metallic spatula. Substrate thickness ranges between 1.0 mm to 3.5 mm and depends on product grain sizes and substrate roughness.
- For optimal results, surface finishing must be performed immediately following plastering, as a single procedure and without soaking.
- Finishing is performed using a hard plastic rasp or a styrofoam rasp.
- The DÉCOR look is best achieved using small, cyclical rasp movements.

- The GRAFIATO look is best achieved using large, cyclical rasp movements followed by linear movements in the desired direction.
- The exact processing time depends on the substrate and environmental conditions.
- Application temperatures must range between +5 °C and +35 °C.

CONSUMPTION

- DECOR 1.0: ~ 2.0kg/m²
- DECOR 1.5: ~ 2.5kg/m²
- DECOR 2.0: ~ 3.0kg/m²
- GRAFIATO 1.5: ~ 2.5kg/m²
- GRAFIATO 2.5: ~3.5 kg/m² depending on substrate type.

PACKAGING & STORAGE

- In 25 kg and 5 kg containers, on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

TECHNICAL SPECIFICATIONS

Specifications: EN 15824:2010

Grain size		Adhesion	>1.0 MPa
DÉCOR 1.0:	< 1.0 mm	Water absorption	0.1<W<0.5 kg/m ² . h ^{0.5} (W2)
DÉCOR 1.5:	< 1.5 mm		
DÉCOR 2.0:	< 2.0 mm	Vapour permeability	s _d <0.14m (V1)
GRAFIATO 1.5:	< 1.5 mm		
GRAFIATO 2.5:	< 2.5 mm		
Thermal conductivity λ _{10, dry}	0.65 W/m.K	Reaction to fire	Class B



EASYROLL

Elastic, acrylic, coloured, waterproof roll-applied plaster



EASYROLL is a flexible, acrylic, coloured, waterproof, ready-to-use paste plaster. Suitable for outdoor and indoor applications. Certified in accordance with ETAG 004 for MARMODOM's BIOPANOPLY external thermal insulation systems, as a top decorative plaster. Used as the top layer on substrates such as basic or one coat plaster, concrete, gypsum boards, concrete boards etc. Ideal as top coating on external thermal insulation systems. Ensures complete water-repellence and eliminates the risk of cracking. Painting the plastered surfaces is not required. Features an advantage over similar products since it is applied via roll, similarly to a common paint. Key advantages include reduced consumption and application speed, as well as the fact that it does not require finishing.

Homogeneous ready-to-use industrial product with consistently high quality.

02

Ready-to-use, top-coat paste plasters

COMPOSITION & CHARACTERISTICS

Mixture of a high elasticity acrylic latex, crushed marble with selected grain sizes, enriched with special improver additives.

- Application temperatures must range between +5°C and +35°C.

APPLICATION

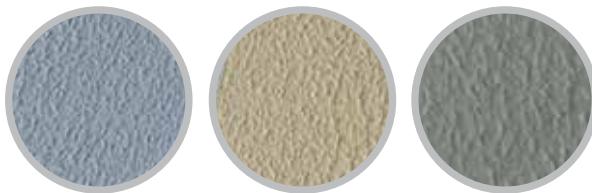
- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.).
- The product is mixed thoroughly and applied in two layers using a roll or a paint brush.
- The second layer is applied once the first has fully dried.

CONSUMPTION

Approximately 1.5 kg/m², for two hands, depending on substrate type.

PACKAGING & STORAGE

- In 25 kg and 5 kg containers, on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.



TECHNICAL SPECIFICATIONS

Specifications: EN 15824:2009

Grain size	0.0-0.7 mm	Water absorption (EN 1062-3:2008)	w<0.1 kg/m ² . h ^{0.5} (W3)
Density	1.6-1.7 kg/lt	Capillary water absorption (EN 1015-18:2004)	C _m <0.1 kg/m ² . min ^{0.5}
Consumption	~1.5 kg/m ² (total for 2 hands)	Water vapour permeability (EN ISO 7783:2011)	0.14<s _d <1.4m (V2)
Adhesion (EN 1542:2002)	>3 MPa	Reaction to fire (EN 13501-1:2007)	Class C
Thermal conductivity λ _{10, dry} (EN 1745:2012)	0.62 W/m.K		





SILICONE PLASTER

Siliceous, vapour-permeable, coloured, decorative plaster

GRAFIATO GRAIN SIZES: 1.5 mm / 2.5 mm
DÉCOR grain sizes: 1.0 mm / 1.5 mm / 2.0 mm

SILICONE PLASTER is a coloured, siliceous, vapour-permeable and waterproof ready-for-use paste plaster, for DÉCOR & GRAFIATO styles. Suitable for outdoor and indoor applications. Certified in accordance with ETAG 004 for MARMODOM's BIOPANOPLY external thermal insulation systems, as a top decorative plaster. Used as the top layer on substrates such as basic or single layer plaster, concrete, gypsum boards, concrete boards etc. Ideal as top coating on external thermal insulation systems. Provides complete water-repellence and high vapour-permeation and building element transpiration, minimising mould formation. Eliminates the risk of cracking. Painting the plastered surfaces is not required.

Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.



COMPOSITION & CHARACTERISTICS

Mixture of high-elasticity acrylic latex, with organic bonding agents, crushed marble with selected grain sizes, enriched with special improver additives.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.)
- The product is mixed thoroughly and applied using a smooth metallic spatula. Substrate thickness ranges between 1.0 mm to 3.5 mm and depends on product grain sizes and substrate roughness.
- For optimal results, surface finishing must be performed immediately following plastering, as a single procedure and without soaking.
- Finishing is performed using a hard plastic rasp or a styrofoam rasp.
- The DÉCOR look is best achieved using small, cyclical rasp movements.

- The GRAFIATO look is best achieved using large, cyclical rasp movements followed by linear movements in the desired direction.
- The exact processing time depends on the substrate and environmental conditions.
- Application temperatures must range between +5°C and +35°C.

CONSUMPTION

- DECOR 1.0: ~ 2.0kg/m²
- DECOR 1.5: ~ 2.5kg/m²
- DECOR 2.0: ~ 3.0kg/m²
- GRAFIATO 1.5: ~ 2.5kg/m²
- GRAFIATO 2.5: ~ 3.5 kg/m² depending on substrate type.

PACKAGING & STORAGE

- In 25kg and 5kg containers, on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

02

Ready-to-use, top-coat paste plasters

TECHNICAL SPECIFICATIONS

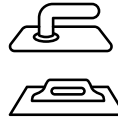
Specifications: EN: EN 15824:2009

Grain size		Thermal conductivity $\lambda_{10, dry}$	0.52 W/m.K
DÉCOR 1.0:	< 1.0 mm	Water absorption	0.1 < w < 0.5 kg/m ² ·h ^{0.5} (W2)
DÉCOR 1.5:	< 1.5 mm		
DÉCOR 2.0:	< 2.0 mm	Capillary water absorption	C _m < 0.1 kg/m ² ·min ^{0.5}
GRAFIATO 1.5:	< 1.5 mm		
GRAFIATO 2.5:	< 2.5 mm	Water vapour permeability	s _d < 0.14m (V1)
Density	1.6-1.7 kg/lt		
Bond strength	1.55 MPa		



MARMOPLASTER MOSAIC

Decorative, acrylic plaster
available in 12 selected granite-like
colour combinations



02

Ready-to-use, top-coat paste
plasters

MARMOPLASTER MOSAIC is a coloured, acrylic, ready-to-use plaster. Its finished appearance is mosaic-like, offering an excellent and distinctive aesthetic result. Suitable for outdoor and indoor applications. Certified in accordance with ETAG 004 for MARMODOM's BIOPANOPLY external thermal insulation systems, as a top decorative plaster. Used as the top layer on substrates such as basic or single layer plaster, concrete, gypsum boards, concrete boards etc. Ideal for final coating on external thermal insulation systems as well as on a large number of architectural interventions. Ensures complete water-repellence and eliminates the risk of cracking. Painting the plastered surfaces is not required. Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

Mixture of a high-elasticity acrylic latex, selected grain-size coloured fillers, enriched with special improver additives.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.).
- The product is stirred thoroughly and applied using a smooth metallic spatula. The application is performed by "pressing" using the spatula at the grain size, so that the product is spread-out evenly.
- After spreading and while the material is still damp, the smoothing-out of the surface follows using the same spatula, always

working in the same direction, leaving no gaps.

- The thickness of the application layer is approximately 2 mm.
- Application temperatures must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 3.0 kg/m², depending on substrate type.

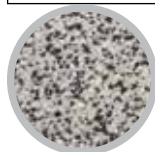
PACKAGING & STORAGE

- In 25 kg and 5 kg containers, on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

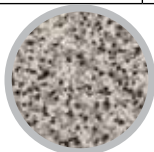
TECHNICAL SPECIFICATIONS

Specifications: EN: EN 15824:2009

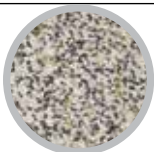
Grain size	0.0-2.7 mm	Water absorption	w<0.5 kg/m ² • h ^{0.5} (W2)
Density	1.6-1.7 kg/lt		
Adhesion	>0.6 MPa	Water vapour permeability	0.14_{sd}<1.4m (V2)
Thermal conductivity λ _{10, dry}	0.37 W/m.K	Reaction to fire	Class C



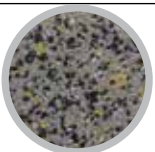
MP 101



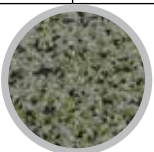
MP 105



MP 109



MP 202



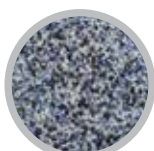
MP 206



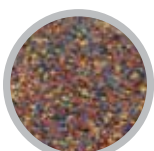
MP 210



MP 303



MP 307



MP 311



MP 404



MP 408



MP 412



MARMO COLOR

Colour pigments
for cementitious and
acrylic mortars



MARMO COLOR dyes are high quality inorganic pigments in powder form. Each container corresponds to 25 kg of white mortar dye or paste plaster, to achieve the corresponding hue from the MARMODOM colour chart. They are suitable for indoor and outdoor product colouring applications such as DECOPLASTER, BIOPASTER, MARMOFINISH and others. Products such as MARMOFLOOR, MARMOFLEX etc. can be painted beyond the standardised colour chart at the user's responsibility.

COMPOSITION & CHARACTERISTICS

- Coloured inorganic pigments in powder form.
- Available in 11 selected hues
- Y1 Yellow beige
- Y2 Yellow light
- Y3 Yellow ochre
- B1 Brown milky
- B2 Brown light
- B3 Brown Cacao
- G Grey dark
- GB Grey blue
- S Sand rose
- S1 Rose light
- R1 Red minoan

APPLICATION

Cementitious plasters, beton cire, self-levelling etc.:

- The colour in powder form is gradually added into the specified amount of water stirring constantly, using an electric stirrer at low speed until fully dissolved. The white mortar to be coloured is then added, followed by thorough mixing until a homogeneous/uniform mixture is achieved.

- Mixing can also be performed on wet mortar, by carefully adding the dye while constantly stirring, but this requires more mixing time and more careful work.

Paste plasters:

- The least possible amount of water is added to the dye so that a thin pulp can be formed. The pulp is added to the white paste plaster and mixed using an electric stirrer at low speed.
- Application temperatures between +5 °C and +35 °C.

CONSUMPTION

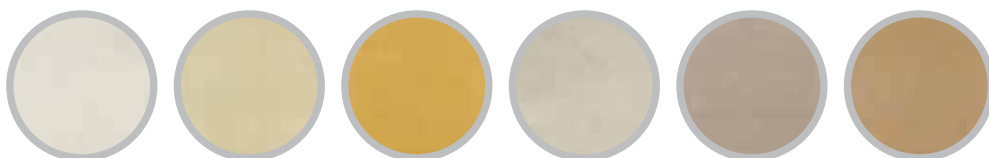
Depending on the desired hue. Pigments can be mixed to achieve custom hues.

PACKAGING & STORAGE

- In a dry frost-free area, for 12 months from the production date, in unopened containers, protected from frost and extended exposure to intense sunlight for 12 months from the production date.

02

Ready-to-use, paste
top-coat plasters



Y1 Yellow beige Y2 Yellow light Y3 Yellow ochre B1 Brown milky B2 Brown light B3 Brown Cacao



G Grey dark GB Grey blue S Sand rose S1 Rose light R1 Red minoan



03

Thermal insulation adhesives

Acrylic paste fibre-reinforced (coating) BIOPANOPLY ACRYL (25 kg)	31
Cementitious fibre-reinforced (adhesion and coating) FL100 ST BIOPANOPLY (25 kg)	32
FL100 ST THICK (25 kg) for large thickness	34
FL100 ST WOOL (25 kg) and rock wool	36
FL100 ST STANDARD (25 kg)	38
Cementitious, non-fibre reinforced (adhesion) FL100 ST BASIC (25 kg)	40

NOTES

Ready-to-mix cementitious adhesives should not be applied directly on gypsum walls or gypsum mortars, unless under user responsibility and provided an acrylic primer has been previously applied.

Excess water use reduces expected product quality.

For even better results, refer to the relevant MARMO PLUS product.

Ready-to-mix cementitious adhesives contain cement, classified as an irritant. Read the safety instructions and precautions in the product Material Safety Data Sheet.

REMINDER

Although the specifications and instructions stated in this document have been compiled based on the best of our abilities, knowledge and experience, they should only be considered as indicative results and require verification following many applications. Product users must verify its suitability for the intended application. End-users assume sole responsibility for using the product.



BIOPANOPLY ACRYL

Acrylic fibre-reinforced adhesive



BIOPANOPLY ACRYL is a ready-to-use fibre-reinforced acrylic adhesive paste. Used to smooth out the surface of thermal insulation boards, following their installation and for installing the fibreglass mesh sheet, before applying the top-coat plasters (cementitious or organic pastes). Provides high compressive and flexural strengths, and high resistance to temperature and moisture variations.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

Mixture of a high elasticity acrylic latex, crushed marble with selected grain sizes, enriched with special improver additives.

APPLICATION

- The surface of the thermal insulation board must be clean and dry.
- The product is mixed thoroughly using a low-speed electric stirrer.
- The adhesive is applied to the exterior side of the insulating board using a notched spatula (8-10mm) and while it is still damp, the fibreglass mesh sheet is placed on the surface and boxed using a smooth spatula, to fully encase it in the adhesive.
- After at least 2-3 days, the top layer plaster layer is applied, without need for a primer.
- The thermal insulation system is completed by applying the desired top-coat plasters (white or coloured).

- During application of the adhesive, and for several hours later, extreme weather conditions should be avoided (such as high winds, rain, dust, direct sunlight, etc.).
- Application temperatures must range between +5°C and +35°C.

CONSUMPTION

Approximately 3.5-4.0 kg/m², depending on substrate type.

PACKAGING & STORAGE

- In 25kg containers on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

03

Thermal insulation adhesives
(coating)

TECHNICAL SPECIFICATIONS

Grain size	0.0-0.7 mm	Water absorption	0.1<W<0.5 kg/m ² . h ^{0.5}
Density	1.7-1.8 kg/lit	Water vapour permeability	s _w <0.18m
Thermal conductivity λ _{10, dry}	0.40 W/m.K	Reaction to fire	Class C



FL100 ST BIOPANOPLY

Fibre-reinforced adhesive for thermal insulation boards (white) C2E, W2, ETAG004/ETICS



The FL100ST BIOPANOPLY adhesive is used for bonding thermal insulation boards to wall substrates made of bricks, autoclaved aerated concrete, old plastered surfaces etc. Can also be used for installing the fibreglass mesh sheet on the external side of the insulating board, before applying the top-coat plasters. Certified in accordance with ETAG 004 for MARMODOM's BIOPANOPLY outer thermal insulation systems for the above uses. Ensures high adhesion strength between the insulation boards and substrate, as well as moisture resistance. Provides high compressive and flexural strength, as well as high resistance to weather changes. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

03

Thermal insulation adhesives
(adhesion & coating)

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, propylene fibres, polymers and other special improver additives.
- Conforms with specifications: EN 12004, EN 998-1 / C2E, W2, ETAG004/ETICS, grain size < 0.7 mm.

APPLICATION

- The substrate must be clean, stable and devoid of residues (loose plaster or mortar bits, dust, grease etc.).
- Bag content is gradually added into clean water (approximately 6.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.

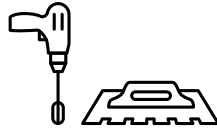
Adhesion of insulation board on masonry

- The adhesive is applied on the insulation board surface either by covering its entire surface using a notched spatula (8-10 mm), or by partially covering approximately 40% of the board surface (at the perimeter, by placing 3-4 stamps at its centre) using a mixture thickness of approximately 2 cm.
- 2-3 days (longer times are required at low temperatures) after adhesion of the thermal insulation boards, they must be secured using the special anchor plugs.

Fibreglass installation

- An adhesive layer of approximately 3 mm is then applied to the external side of the insulation board and while the adhesive is still damp, the fibreglass mesh sheet is placed on the surface and boxed using a smooth spatula, to fully encase it in the adhesive.
- The thermal insulation system is completed once the desired top-coat plasters are applied.
- During installation of the insulation boards to the wall, the temperature should not be less than +5 °C or greater than +35 °C.
- During application of the adhesive, and for several hours later, extreme weather conditions should be avoided (such as high winds, rain, dust, direct sunlight, etc.).
- All the above thermal insulation works must begin following the completion of the internal plastering, the application of floor coatings etc. A waiting time of at least 3-5 weeks is required following the completion of these works.





CONSUMPTION

Insulation board adhesion: 4-5 kg/m² (1 cm thickness / 40% of surface), depending on the type and quality of the masonry.

Fibreglass mesh sheet reinforcement: 4-5kg/m² (3mm thickness / 100% of surface).

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 998-1 / C2E, W2, ETAG004/ETICS. Grain size <0.7mm

Grain size	0.0-0.7 mm	Open time (20°C)	30 minutes	
Dry bulk density	1,300 kg\m ³		Open time adhesion	≥0.5 N/mm ²
Consumption	4-5 kg/m ²	Adhesion	In dry conditions	≥1.8 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.1 N/mm ²
Minor readjustment time	30 min		In thermal conditions	≥1.4 N/mm ²
Capillary water absorption (C_m)	≤ 0.2 kg/m ² ·min ^{0.5}		In freeze-thaw conditions	≥1.4 N/mm ²
Water Vapor diffusion coefficient (μ)	15/35			

03

Thermal insulation board adhesives
(adhesion & coating)



FL100 ST THICK

Fibre-reinforced thick bed adhesive (white) C2TE, W2



03

Thermal insulation board adhesives
(adhesion & coating)

The FL100 ST THICK adhesive is a cementitious mortar used mainly to smooth-out the outer surface of thermal insulation boards and to install the fibreglass mesh sheet before applying top-coat plasters. It is suitable for bonding thermal insulation boards onto wall substrates made of bricks, autoclaved aerated concrete, fair faced concrete, old plastered surfaces etc. Its advantage is that it can be applied at great thickness (up to 20 mm) and essentially cover any imperfections created by the installation of thermal insulation boards. Provides high bonding strength, resistance to moisture as well as resistance to climate variations.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, propylene fibres, enriched with polymers and other special improver additives.
- Conforms with specifications: EN 12004, C2TE, grain size < 1.3 mm.

APPLICATION

- The substrate must be clean, stable and devoid of residues (loose plaster or mortar bits, dust, grease etc.).
- Bag content is gradually added into clean water (approximately 6.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.

Adhesion of insulation board on masonry

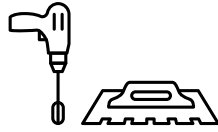
- The adhesive is applied on the insulation board surface either by covering its entire surface using a notched spatula (up to 20 mm), or by partially covering approximately 40% of the board surface (at the perimeter, by placing 3-4 stamps at its centre) using a mixture thickness of approximately 20 cm.
- 2-3 days (longer times are required at low temperatures) after adhesion of the thermal

insulation boards, they must be secured using the special anchor plugs.

Fibreglass installation

- An adhesive layer of up to 20 mm is then applied to the external side of the insulation board and while the adhesive is still damp, the fibreglass mesh sheet is placed on the surface and boxed using a smooth spatula, to fully encase it in the adhesive.
- The thermal insulation system is completed once the desired top-coat plasters are applied.
- During installation of the insulation boards to the wall, the temperature should not be less than +5 °C or greater than +35 °C.
- During application of the adhesive, and for several hours later, extreme weather conditions should be avoided (such as high winds, rain, dust, direct sunlight, etc.).
- All the above thermal insulation works must begin following the completion of the internal plastering, the application of floor coatings etc. A waiting time of at least 3-5 weeks is required following the completion of these works.





CONSUMPTION

Approximately 12-15 kg/m² for an application thickness of 1cm depending on the substrate.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, C2TE. Grain sizes <1.3mm

Grain size	0.0-1.3 mm	Open time (20°C)		30 minutes	
		Open time adhesion		≥0.5 N/mm ²	
Dry bulk density	1,400 kg/m ³	Slip		<0.5 mm	
Consumption	10 kg/m ²	Adhesion	In dry conditions	≥2.7 N/mm ²	
Pot life (20°C)	4 hours		In water immersion	≥1.4 N/mm ²	
Minor readjustment time	30 min		In thermal conditions	≥2.8 N/mm ²	
Capillary water absorption (C_m)	≤ 0.2 kg/m ² ·min ^{0.5}		In freeze-thaw conditions		≥1.5 N/mm ²
Water Vapor diffusion coefficient (μ)	15/35				

03

Thermal insulation board adhesives
(adhesion & coating)



FL100 ST WOOL

Fibre-reinforced adhesive for thermal insulation boards made of rock wool (white) C2E, W2



03

Thermal insulation board adhesives
(adhesion & coating)

The FL100 ST WOOL adhesive is used for bonding rock wool or other thermal insulation boards onto wall substrates as well as onto brick walls, autoclaved aerated concrete, old plastered wall surfaces etc. Also used for placing the fibreglass mesh sheet on the exterior side of the insulation board before applying the top-coat plasters.

It features an especially dense and creamy texture, which makes it unique in terms of workability and ease of application. Provides high adhesion strength between the insulation boards and the wall substrate, as well as resistance to moisture. It achieves high compressive and flexural strength, as well as high resistance to weather changes.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, propylene fibres, polymers and other special improver additives.
- Conforms with specifications: EN 12004, EN 998-1 / C2E, W2, grain size < 0.7 mm.

APPLICATION

- The substrate must be clean, stable and devoid of residues (loose plaster or mortar bits, dust, grease etc.).
- Bag content is gradually added into clean water (approximately 6.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.

Rock wool or other insulating board bonding onto the masonry

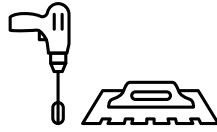
- The adhesive is applied on the insulation board surface either by covering its entire surface using a notched spatula (8-10 mm), or by partially covering approximately 40% of the board surface (at the perimeter, by placing 3-4 stamps at its centre) using a mixture thickness of approximately 2 cm.

- 2-3 days (longer times are required at low temperatures) after adhesion of the thermal insulation boards, they must be secured using the special anchor plugs.

Fibreglass installation

- An adhesive layer of approximately 3 mm is then applied to the external side of the insulation board and while the adhesive is still damp, the fibreglass mesh sheet is placed on the surface and boxed using a smooth spatula, to fully encase it in the adhesive.
- The thermal insulation system is completed once the desired top-coat plasters are applied.
- During installation of the insulation boards to the wall, the temperature should not be less than +5 °C or greater than +35 °C.
- During application of the adhesive, and for several hours later, extreme weather conditions should be avoided (such as high winds, rain, dust, direct sunlight, etc.).
- All the above thermal insulation works must begin following the completion of the internal plastering, the application of floor coatings etc. A waiting time of at least 3-5 weeks is required following the completion of these works.





CONSUMPTION

Insulation board adhesion: 4-5 kg/m² (1 cm thickness / 40% of surface), depending on the type and quality of the masonry.

Fiberglass mesh sheet reinforcement: 4-5 kg/m² (3 mm thickness / 100% of surface).

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 998-1 / C2E, W2, grain sizes < 0.7 mm

Grain size	0.0-0.7 mm	Open time (20°C)	30 minutes	
Dry bulk density	1,300 kg/m ³	Open time adhesion	≥0.5 N/mm ²	
Consumption	4-5 kg/m ²	Adhesion	In dry conditions	≥2.4 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.6 N/mm ²
Minor readjustment time	30 min		In thermal conditions	≥2.7 N/mm ²
Capillary water absorption (C_m)	≤ 0.2 kg/m ² ·min ^{0.5}		In freeze-thaw conditions	≥1.3 N/mm ²
Water Vapor diffusion coefficient (μ)	5/20			

03

Thermal insulation board adhesives
(adhesion & coating)



FL100 ST STANDARD

Fibre-reinforced adhesive for thermal insulation boards (white) C2E, W2



The FL100ST BIOPANOPLY adhesive is used for bonding thermal insulation boards to wall substrates made of brick, autoclaved aerated concrete, fair faced concrete, old plastered surfaces etc. Can also be used for installing the fibreglass mesh sheet on the external side of the insulating board, before applying the top-coat plasters.

Ensures high adhesion strength between the insulation boards and substrate, as well as moisture resistance. Provides high compressive and flexural strength, as well as high resistance to weather changes.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

03

Thermal insulation board adhesives
(adhesion & coating)

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, propylene fibres, polymers and other special improver additives.
- Conforms with EN 12004, EN 998-1 / C2E, W2 specifications. Grain size <0.7 mm.

APPLICATION

- The substrate must be clean, stable and devoid of residues (loose plaster or mortar bits, dust, grease etc.).
- Bag content is gradually added into clean water (approximately 6.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.

Adhesion of insulation board on masonry

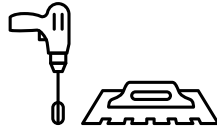
- The adhesive is applied on the insulation board surface either by covering its entire surface using a notched spatula (8-10 mm), or by partially covering approximately 40% of the board surface (at the perimeter, by placing 3-4 stamps at its centre) using a mixture thickness of approximately 2 cm.
- 2-3 days (longer times are required at low temperatures) after adhesion of the thermal insulation boards, they must be secured using the special anchor plugs.

Fibreglass installation

- An adhesive layer of approximately 3 mm is then applied to the external side of the insulation board and while the adhesive is still damp, the fibreglass mesh sheet is placed on the surface and boxed using a smooth spatula, to fully encase it in the adhesive.
- The thermal insulation system is completed once the desired top-coat plasters are applied.
- During installation of the insulation boards to the wall, the temperature should not be less than +5 °C or greater than +35 °C.
- During application of the adhesive, and for several hours later, extreme weather conditions should be avoided (such as high winds, rain, dust, direct sunlight, etc.).

All the above thermal insulation works must begin following the completion of the internal plastering, the application of floor coatings etc. A waiting time of at least 3-5 weeks is required following the completion of these works.





CONSUMPTION

Insulation board adhesion: 4-5 kg/m² (1cm thickness / 40% of surface), depending on the type and quality of the masonry.

Fibreglass mesh sheet: 4-5 kg/m² (3mm thickness / 100% of surface).

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 998-1 / C2E, W2, grain size <0.7mm

Grain size	0.0-0.7 mm	Open time (20°C)	30 minutes	
Dry bulk density	1,300 kg/m ³	Open time adhesion	≥0.5 N/mm ²	
Consumption	4-5 kg/m ²	Adhesion	In dry conditions	≥1.8 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.1 N/mm ²
Minor readjustment time	30 min		In thermal conditions	≥1.3 N/mm ²
Capillary water absorption (C_m)	≤ 0.2 kg/m ² ·min ^{0.5}		In freeze-thaw conditions	≥1.2 N/mm ²
Water Vapor diffusion coefficient (μ)	15/35			

03

Thermal insulation board adhesives
(adhesion & coating)



FL100 ST BASIC

Thermal insulation board adhesive (white) C2E, W2



The FL100ST BASIC adhesive is used for bonding thermal insulation boards to wall substrates made of brick, autoclaved aerated concrete, fair faced concrete, old plastered surfaces etc. Ensures high adhesion strength between the insulation boards and substrate, as well as moisture resistance. Provides high compressive and flexural strength, as well as high resistance to weather changes.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

03

Thermal insulation board adhesives
(adhesion)

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, polymers and other special improver additives.
- Conforms with EN 12004, EN 998-1 / C2E, W2 specifications. Grain size <0.7 mm.

APPLICATION

- The substrate must be clean, stable and devoid of residues (loose plaster or mortar bits, dust, grease etc.).
- Bag content is gradually added into clean water (approximately 6.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive is applied on the insulation board surface either by covering its entire surface using a notched spatula (8-10 mm), or by partially covering approximately 40% of the board surface (at the perimeter, by placing 3-4 stamps at its centre) using a mixture thickness of approximately 2 cm.
- 2-3 days (longer times are required at low temperatures) after adhesion of the thermal insulation boards, they must be secured using the special anchor plugs.
- During installation of the insulation boards to the wall, the temperature should not be less than +5°C or greater than +35°C.

- During application of the adhesive, and for several hours later, extreme weather conditions should be avoided (such as high winds, rain, dust, direct sunlight, etc.)
- All the above thermal insulation works must begin following the completion of the internal plastering, the application of floor coatings etc. A waiting time of at least 3-5 weeks is required following the completion of these works.

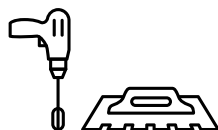
CONSUMPTION

4-5 kg/m² (1 cm thickness / 40% of surface), depending on the type and quality of the masonry.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 998-1 / C2E, W2, grain size <0.7mm

Grain size	0.0-0.7 mm	Open time (20°C)	30 minutes	
Dry bulk density	1,300 kg/m ³	Open time adhesion	≥0.5 N/mm ²	
Consumption	4-5 kg/m ²	Adhesion	In dry conditions	≥1.3 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.1 N/mm ²
Minor readjustment time	30 min		In thermal conditions	≥1.2 N/mm ²
Capillary water absorption (C_m)	≤ 0.2 kg/m ² ·min ^{0.5}		In freeze-thaw conditions	≥1.2 N/mm ²
Water Vapor diffusion coefficient (μ)	15/35			

03

Thermal insulation board adhesives
(adhesion)





BIOPANOPLY certified external thermal insulation systems

- **BIOPANOPLY EPS**
- **BIOPANOPLY XPS**
- **BIOPANOPLY WOOL**

04

A steady climate throughout winter and summer, offering savings in energy and money!

Three certified external thermal insulation BIOPANOPLY systems with alternative insulation materials XPS / EPS / ROCKWOOL. An ideal solution for renovations and new constructions, easy to apply in new and old buildings! Improve appearance and static integrity, increase the useful indoor surface of the building by 5% (in newly-constructed buildings), significantly reduce cooling-heating consumption and maintenance costs, saving up to 49%, while increasing the property's value! The ideal armour for any construction, certified in accordance with European directive ETAG 004!







Certified external thermal insulation systems BIOPANOPLY

- **BIOPANOPLY EPS**
- **BIOPANOPLY XPS**
- **BIOPANOPLY WOOL**

04



System products

Thermal insulation boards (adhesion to the substrate & insulation board coating)

Acrylic paste fibre-reinforced (coating)
BIOPANOPLY ACRYL (25 kg)

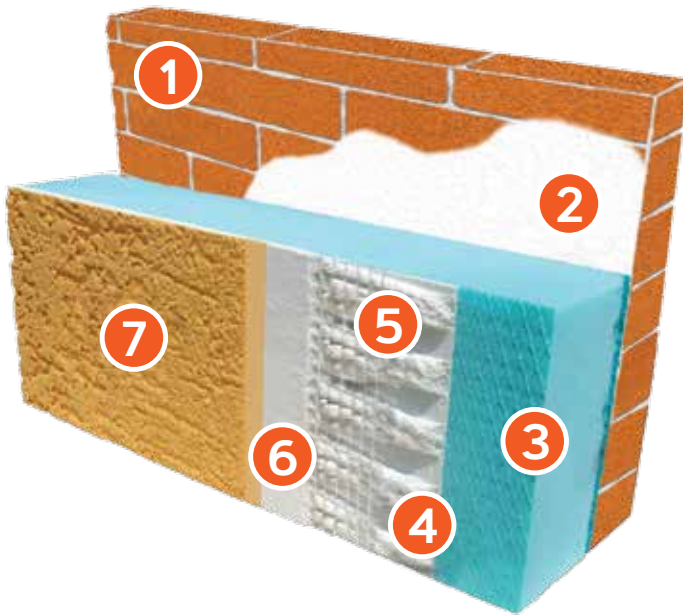
Cementitious fibre-reinforced (adhesion & coating)
FL100 ST BIOPANOPLY (25 kg)
FL100ST THICK (25 kg) for increased thickness
FL100 ST WOOL (25kg) for rock wool
FL100 ST STANDARD (25 kg)

Insulation boards

Expanded polystyrene EPS /
Expanded graphite polystyrene EPS /
Extruded polystyrene XPS
Rock wool WOOL

System reinforcement

PVC Fibreglass mesh 160 gr/m²
PVC Anchors with nails of 10 / 12 / 14 / 16 / 18 cm or larger.
PVC Corner bead with net
PVC Drips



1. MASONRY
2. FL100 ST BIOPANOPLY / STANDARD / WOOL / THICK
3. XPS / EPS / ROCKWOOL
4. FL100 ST BIOPANOPLY / BIOPANOPLY ACRYL / STANDARD / WOOL / THICK
5. FIBREGLASS 160gr
6. BIOPRIMER
7. BIOPLASTER / EASY ROLL / SILICONE PLASTER / MARMOPLASTER MOSAIC / DECOPLASTER



Final system coating

Quartz-filled plaster adhesion primer
(can be coloured)
BIOPRIMER (17 kg, 4 kg)

Decorative, coloured, paste top-coat plasters

Acrylic, waterproof, coloured, decorative plaster
Available grain sizes: • grafiato 1.5 mm & 2.5 mm • décor 1.0mm & 1.5mm & 2.5mm
BIO PLASTER (25 kg, 5 kg)

Flexible, acrylic, coloured, waterproof roll-applied plaster
EASY ROLL (25 kg, 5 kg)

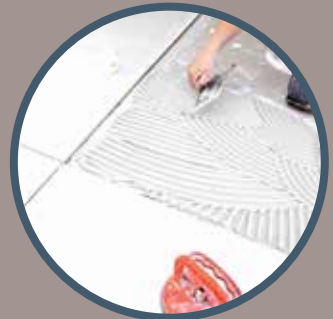
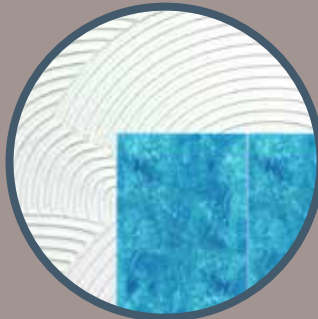
Siliceous, vapour-permeable, coloured, decorative plaster

Available grain sizes: • grafiato 1.5mm & 2.5mm • décor 1.0mm & 1.5mm & 2.5mm
SILICONE PLASTER (25 kg, 5 kg)

Decorative, acrylic plaster available in 12 selected granite-like colour combinations
MARMOPLASTER MOSAIC (25 kg, 5 kg)

Cementitious plasters

Available grain sizes: • grafiato 1.5mm & 2.5mm • décor 1.5mm & 2.5mm
DECOPLASTER (25 kg)



Tile adhesives





Tile adhesives

Cementitious tile adhesives:

ES W1 (20 kg, 5 kg)	49
Tile adhesive C1 (white)	
ES G1 (20 kg).....	50
Tile adhesive C1 (grey)	
FK 10W (20 kg, 5 kg).....	52
Acrylic tile adhesive C1T (white)	
FK 10G (20 kg)	54
Acrylic tile adhesive C1T (grey)	
PL 20 (20 kg).....	56
Acrylic tile adhesive «PLUS» C2 (white)	
GM 1 (20 kg, 5 kg)	60
Marble & granite tile adhesive C2T (white)	
MARMOFIX 500 (20 kg).....	62
High strength tile adhesive C2TE (white)	
MARMOFIX 500G (20 kg).....	64
High strength tile adhesive C2TE (grey)	
FLEXY 100 (20 kg).....	66
Flexible tile adhesive «FLEXY» C2TES1 (white)	
FLEXY 100G (20 kg)	68
Flexible tile adhesive «FLEXY» C2TES1 (grey)	
FLS 1000 (20 kg / 5 kg).....	70
Flexible tile adhesive «SUPER ELASTIC» C2TES1 (white)	
FLS 1000G (20 kg) GREY	72
Flexible tile adhesive «SUPER ELASTIC» C2TES1 (grey)	
FLS 2000 (20 kg).....	74
Flexible tile adhesive «SUPER ELASTIC» C2TES2 (white)	

Cementitious special application adhesives:

RG 200 FAST (20 kg, 5 kg).....	76
Fast-setting tile adhesive C2FT (white)	
DB 2000 (20 kg)	78
Coarse tile adhesive C2TE (white)	

NOTES

Ready-to-mix cementitious adhesives should not be applied directly on gypsum walls or gypsum mortars, unless under user responsibility and provided an acrylic primer has been previously applied.

Excess water use reduces expected product quality.

For even better results, refer to the relevant MARMO PLUS product.

Ready-to-mix cementitious adhesives contain cement, classified as an irritant. Read the safety instructions and precautions in the product Material Safety Data Sheet

It is recommended that highly porous surfaces are first primed with acrylic primer.

REMINDER

Although the specifications and instructions stated in this document have been compiled based on the best of our abilities, knowledge and experience, they should only be considered as indicative results and require verification following many applications. Product users must verify its suitability for the intended application. End-users assume sole responsibility for using the product.



ES W1

**Tile adhesive (white)
category: C1***

* Refer to explanation on page 51

The ES W1 adhesive is used for installing high-absorption ceramic tiles mainly on interior spaces' floor surfaces. Can be applied to conventional substrates of normal or light concrete, cementitious coatings etc.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.



COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with EN 12004 specifications; classified as a C1 adhesive for indoors use.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 20 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5% prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5°C and 35°C.
- Floor grouting can be performed 24 hours later.

CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets. In plastic, 5 kg bags, in cartons.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

05

Tile adhesives

TECHNICAL SPECIFICATIONS: Specifications: EN 12004 / C1

Grain size	0.0-0.7 mm	Open time		20 minutes
		Open time adhesion		≥0.5 N/mm ²
Dry bulk density	1,300 kg/m ³	Grouting	Floors	24 hours
Consumption	2-4 kg/m ²	Adhesion	In dry conditions	≥1.8 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.6 N/mm ²
Minor readjustment time	30 minutes		In thermal conditions	≥1.3 N/mm ²
Alkali resistance	Very good		In freeze-thaw conditions	≥1.1 N/mm ²
Solvents resistance	Good			

⊗ ATTENTION: The ES W1 adhesive must not be used in the following situations:

- In large marble tiles or tiles of other natural stones on braces that can be moved.
- In underfloor heating installations (where FLS 1000, FLS 2000 & FLEXY 100 are used instead).



ES G1

Tile adhesive (grey)
category: C1



The ES W1 adhesive is used for installing high-absorption ceramic tiles mainly in interior floor surfaces. Can be applied to conventional substrates of normal or light concrete, cementitious coatings etc.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

05

Tile adhesives

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with EN 12004 specifications; classified as a C1 adhesive for indoors use.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 20 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.
- If the substrate is covered by a coating, its moisture must be less than 2.5% prior to applying the adhesive.

- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5°C and 35°C.
- Floor grouting can be performed 24 hours later.

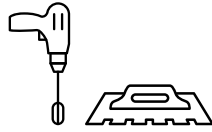
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 1** Class 1: Normal adhesive (adhesion endurance > 0.5 N/mm²)

TECHNICAL SPECIFICATIONS

Specifications: EN 12004 / C1

Grain size	0.0-0.7 mm	Open time		20 minutes
		Open time adhesion		≥0.5 N/mm ²
Dry bulk density	1,300 kg/m ³	Grouting	Floors	24 hours
Consumption	2-4 kg/m ²	Adhesion	In dry conditions	≥1.8 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.6 N/mm ²
Minor readjustment time	30 minutes		In thermal conditions	≥1.3 N/mm ²
Alkali resistance	Very good		In freeze-thaw conditions	≥1.1 N/mm ²
Solvents resistance	Good			

⊗ ATTENTION: The ES G1 adhesive must not be used in the following situations:

- In large marble tiles or tiles of other natural stones on braces that can be moved.
- In underfloor heating installations (where FLS 1000, FLS 2000 & FLEXY 100 are used instead).

05

Tile adhesives



FK 10W

Acrylic tile adhesive (white)
category: C1T



The FK 10W adhesive is used for laying ceramic tiles and natural stone tiles, mainly for internal or protected external surfaces. Can be applied to conventional substrates of concrete, light concrete, cementitious coatings, on floors and walls. Provides very good adhesion, high compressive and flexural strength, as well as high resistance to moisture variations. Prevents visible changes to white marble surfaces (and other construction materials) and the development of efflorescence. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

05

Tile adhesives

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with EN 12004 / C1T specifications.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied (“combed”) using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 20 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5% prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

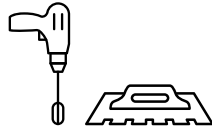
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets and in 5 kg containers.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 1** Class 1: Normal adhesive (adhesion strength > 0.5 N/mm²)
- T** Zero-slippage adhesive

TECHNICAL SPECIFICATIONS

Specifications: EN 12004 / C1T

Grain size	0.0-0.7 mm	Open time		20 minutes
		Open time adhesion		≥0.8 N/mm ²
Dry bulk density	1,300 kg/m ³	Slip		0.3 mm
		Grouting	Floors	24 hours (20°C)
			Walls	8-10 hours (20°C)
Consumption	2-4 kg/m ²	Adhesion	In dry conditions	≥1.6 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.1 N/mm ²
Minor readjustment time	30 minutes		In thermal conditions	≥1.1 N/mm ²
Alkali resistance	Excellent		In freeze-thaw conditions	≥1.0 N/mm ²
Solvents resistance	Very good			

⊗ ATTENTION: The FK 10W adhesive must not be used in the following cases:

- In large marble tiles or tiles of other natural stones on braces that can be moved.
- In underfloor heating installations (where FLS 1000, FLS 2000 & FLEXY 100 are used instead).

05

Tile adhesives



FK 10G

Tile adhesive (grey)
category: C1T



The FK 10G adhesive is used for laying ceramic tiles and natural stone tiles, mainly for internal or protected external surfaces. Can be applied to conventional substrates of concrete, light concrete, cementitious coatings, on floors and walls.

Provides very good adhesion, high compressive and flexural strength, as well as high resistance to moisture variations.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

05

Tile adhesives

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with EN 12004 / C1T specifications.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied (“combed”) using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 20 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and 35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

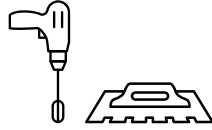
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 1** Class 1: Normal adhesive (adhesion strength > 0.5 N/mm²)
- T** Zero-slippage adhesive

TECHNICAL SPECIFICATIONS

Specifications: EN 12004 / C1T

Grain size	0.0-0.7 mm	Open time		20 minutes
		Open time adhesion		≥0.8 N/mm ²
Dry bulk density	1,300 kg/m ³	Slip		0.3 mm
		Grouting	Floors	24 hours (20°C)
			Walls	8-10 hours (20°C)
Consumption	2-4 kg/m ²	Adhesion	In dry conditions	≥1.6 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.1 N/mm ²
Minor readjustment time	30 minutes		In thermal conditions	≥1.1 N/mm ²
Alkali resistance	Excellent		In freeze-thaw conditions	≥1.0 N/mm ²
Solvents resistance	Very good			

⊗ ATTENTION: The FK 10G adhesive must not be used in the following cases:

- In large marble tiles or tiles of other natural stones on braces that can be moved.
- In underfloor heating installations (where FLS 1000, FLS 2000 & FLEXY 100 are used instead).

05

Tile adhesives



PL 20

Acrylic tile adhesive "PLUS" (white) category: C2



The PL 20 adhesive is used for laying ceramic tiles of any type and size as well as tiles and mosaics made of natural building stones, on floors and walls. Can be applied to conventional substrates of concrete, light concrete, on cementitious coatings etc. Ready-to-use product offering consistently high quality. Provides very good adhesion, high compressive and flexural strength, as well as high resistance to moisture variations. Prevents visible changes to white marble surfaces (and other construction materials) and the development of efflorescence. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

05

Tile adhesives

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with the following specifications: EN 12004 / C2.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 20 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5% prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

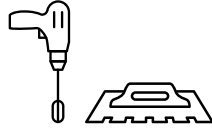
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)

TECHNICAL SPECIFICATIONS

Specifications: EN 12004 / C2

Grain size	0.0-0.7 mm	Open time		20 minutes
		Open time adhesion		≥1.4 N/mm ²
Dry bulk density	1,300 kg/m ³	Grouting	Floors	24 hours (20°C)
			Walls	8-10 hours (20°C)
Consumption	2-4 kg/m ²	Adhesion	In dry conditions	≥1.5 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.3 N/mm ²
Minor readjustment time	30 minutes		In thermal conditions	≥1.1 N/mm ²
Alkali resistance	Excellent		In freeze-thaw conditions	≥1.0 N/mm ²
Solvents resistance	Very good			

- ⊗ ATTENTION:** The PL 20 adhesive should not be used in the following cases:
- In large marble tiles or tiles of other natural stones on braces that can be moved.
 - In underfloor heating installations (where FLS 1000, FLS 2000 & FLEXY 100 are used instead).

05

Tile adhesives



Tile adhesives for demanding applications



GM 1

Marble & granite adhesive (white) category: C2T



05

Tile adhesives

The GM 1 adhesive is used for laying marble tiles, granite, construction natural stones as well as tiles of any type and size. Suitable for indoor or outdoor surfaces, on floors or walls.

Can be applied to conventional substrates of concrete and cementitious coatings, surfaces of light structural elements (aerated concrete blocks, cement boards and gypsum boards etc.) and places with increased temperature and humidity proofing requirements (balconies, baths etc.), public areas with high daily car traffic and wherever high-quality construction is required. Ready-to-use product offering consistently high quality. Ensures strong adhesion, high compressive and flexural strength, and high resistance to moisture and weather variations. Prevents visible changes to white marble surfaces (and other construction materials) and the development of efflorescence.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with the following specifications: EN 12004:2002, C2T.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 20 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.
- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.

- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5°C and +35°C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

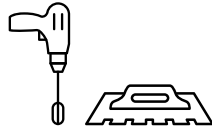
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets and in 5 kg containers.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive

TECHNICAL SPECIFICATIONS

Specifications: EN 12004 / C2T

Grain size	0.0-0.7 mm	Open time		20 minutes
		Open time adhesion		≥1.3 N/mm ²
Dry bulk density	1,300 kg/m ³	Slip		0.1 mm
		Grouting	Floors	24 hours (20°C)
	Walls		8-10 hours (20°C)	
Consumption	2-4 kg/m ²	Adhesion	In dry conditions	≥1.9 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.4 N/mm ²
Minor readjustment time	30 minutes		In thermal conditions	≥1.2 N/mm ²
Alkali resistance	Excellent		In freeze-thaw conditions	≥1.3 N/mm ²
Solvents resistance	Excellent			

⊗ ATTENTION: The GM 1 adhesive should not be used in the following cases:

- In large marble tiles or tiles of other natural stones on braces that can be moved.
- In underfloor heating installations (where FLS 1000, FLS 2000 & FLEXY 100 are used instead).

05

Tile adhesives



MARMOFIX 500

High endurance tile adhesive (white)
category: C2TE



05

Tile adhesives

MARMOFIX 500 adhesive is used for laying tiles and plaques of any type and size, such as ceramic or made of artificial materials, as well as for installing natural building stones etc. Suitable for indoor or outdoor surfaces, on floors or walls. Can be applied on conventional substrates made of concrete and cementitious coatings, as well as on surfaces made of light construction materials (autoclaved aerated concrete, cement boards, gypsum boards etc.). Ensures very good adhesion, and high compressive and flexural strength. Prevents visible changes to white marble surfaces (and other construction materials) and the development of efflorescence.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with EN 12004 specifications; classified as a C2TE adhesive.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 30 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

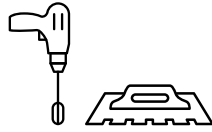
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive
- E** Adhesive with extended open adhesion time

TECHNICAL SPECIFICATIONS

Specifications: EN 12004 / C2TE

Grain size	0.0-0.7 mm	Open time		20 minutes
		Open time adhesion		≥1.3 N/mm ²
Dry bulk density	1,300 kg/m ³	Slip		0.1 mm
		Grouting	Floors	24 hours (20°C)
	Walls		8-10 hours (20°C)	
Consumption	2-4 kg/m ²	Adhesion	In dry conditions	≥1.9 N/mm ²
Pot life (20°C)	4 hours		In water immersion	≥1.4 N/mm ²
Minor readjustment time	30 minutes		In thermal conditions	≥1.2 N/mm ²
Alkali resistance	Excellent		In freeze-thaw conditions	≥1.3 N/mm ²
Solvents resistance	Excellent			

⊗ ATTENTION: The MARMOFIX 500 adhesive should not be used in the following cases:

- In large marble tiles or tiles of other natural stones on braces that can be moved.
- Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.
- In underfloor heating installations (where FLS 1000, FLS 2000 & FLEXY 100 are used instead).

05

Tile adhesives



MARMOFIX 500G

High endurance tile adhesive (grey)
category: C2TE



05

Tile adhesives

MARMOFIX 500G adhesive is used for laying tiles and plaques of any type and size, such as ceramic or made of artificial materials, as well as for laying natural building stones etc. Suitable for indoor or outdoor surfaces, on floors or walls.

Can be applied on conventional substrates made of concrete and cementitious coatings, as well as on surfaces made of light construction materials (autoclaved aerated concrete, cement boards, gypsum boards etc.).

Ensures very good adhesion, and high compressive and flexural strength.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with EN 12004 specifications; classified as a C2TE adhesive.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied (“combed”) using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 30 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

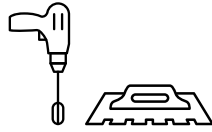
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive
- E** Adhesive with extended open adhesion time

TECHNICAL SPECIFICATIONS
Specifications: EN 12004 / C2TE

Grain size	0.0-0.7 mm	Open time		30 minutes
		Open time adhesion		≥1.2 N/mm ²
Dry bulk density	1,300 kg/m ³	Slip		<0.5 mm
		Grouting	Floors	24 hours
			Walls	8-10 hours
Consumption	2-4 kg/m ²	Adhesion	In dry conditions	≥1.7 N/mm ²
Pot life (20°C)	3-4 hours		In water immersion	≥1.3 N/mm ²
Minor readjustment time	20 minutes		In thermal conditions	≥1.3 N/mm ²
Alkali resistance	Excellent		In freeze-thaw conditions	≥1.2 N/mm ²
Solvents resistance	Excellent			

- ⊗ ATTENTION:** The MARMOFIX 500 adhesive should not be used in the following cases:
- In large marble tiles or tiles of other natural stones on braces that can be moved.
 - Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.
 - In underfloor heating installations (where FLS 1000, FLS 2000 & FLEXY 100 are used instead).

05

Tile adhesives



FLEXY 100

Flexible tile adhesive (white)
category: C2TES1



05

Tile adhesives

FLEXY 100 adhesive is used for laying tiles and plaques of any type and size, such as ceramic or made of artificial materials, as well as for laying natural building stones etc. on floors and walls. Suitable for indoor or outdoor surfaces. Can be applied to conventional substrates made of concrete and cementitious coating, on surfaces made of light structural elements (aerated concrete blocks, cement boards and gypsum boards etc.) and in areas presenting a relatively higher degree of difficulty, with respect to variations in temperature and moisture conditions (heated floors, balconies, baths etc.).

Ensures strong adhesion, high compressive and flexural strength, and high resistance to moisture and weather variations. Prevents visible changes to white marble surfaces (and other construction materials) and the development of efflorescence.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with EN12004, EN12002 / C2TES1 specifications.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 30 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and 35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

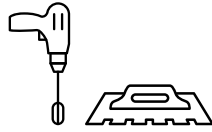
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets and in 5 kg containers.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive
- E** Adhesive with extended open adhesion time
- S1** Elastic

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 12002 / C2TES1

Grain size	0.0-0.7 mm	Open time (20 °C)		30 minutes
		Open time adhesion (EN 1346)		≥1.0 N/mm ²
Dry bulk density (EN 1015-10:1999)	1,300 kg/m ³	Grouting	Floors	24 hours (20 °C)
Consumption	2-4 kg/m ²		Walls	8-10 hours (20 °C)
Pot life (20°C)	4 hours	Adhesion (EN 1348)	In dry conditions	≥1.7 N/mm ²
Minor readjustment time	30 minutes		In water immersion	≥1.1 N/mm ²
Alkali resistance	Excellent		In thermal conditions	≥1.2 N/mm ²
Solvents resistance	Excellent		In freeze-thaw conditions	≥1.1 N/mm ²
Flexibility (EN 12002)	≥4.6 mm			

⊗ ATTENTION: The FLEXY 100 adhesive must not be used in the following cases:

- In large marble tiles or tiles of other natural stones on braces that can be moved.
- Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.

05

Tile adhesives



FLEXY 100G

Elastic tile adhesive (grey)
category: C2TES1



05

Tile adhesives

FLEXY 100 adhesive is used for laying tiles and plaques of any type and size, such as ceramic or made of artificial materials, as well as for laying natural building stones etc. on floors and walls. Suitable for indoor or outdoor surfaces. Can be applied to conventional substrates made of concrete and cementitious coating, on surfaces made of light structural elements (autoclaved aerated light concrete blocks, cement boards and gypsum boards etc.) and in areas presenting a relatively higher degree of difficulty, with respect to variations in temperature and moisture conditions (heated floors, balconies, baths etc.).

Ensures strong adhesion, high compressive and flexural strength, and high resistance to moisture and weather variations.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with EN12004, EN12002 / C2TES1 specifications.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 30 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

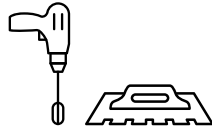
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive
- E** Adhesive with extended open adhesion time
- S1** Elastic

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 12002 / C2TES1

Grain size	0.0-0.7 mm	Open time (20 °C)		30 minutes
		Open time adhesion (EN 1346)		≥1.0 N/mm ²
Dry bulk density (EN 1015-10:1999)	1,300 kg/m ³	Slip		≤0.1 mm
		Grouting	Floors	24 hours (20 °C)
Consumption	2-4 kg/m ²		Walls	8-10 hours (20 °C)
Pot life (20°C)	4 hours	Adhesion (EN 1348)	In dry conditions	≥1.7 N/mm ²
Minor readjustment time	30 minutes		In water immersion	≥1.1 N/mm ²
Alkali resistance	Excellent		In thermal conditions	≥1.2 N/mm ²
Solvents resistance	Excellent		In freeze-thaw conditions	≥1.1 N/mm ²
Flexibility (EN 12002)	≥2.5 mm			

⊗ ATTENTION: The FLEXY 100G adhesive must not be used in the following cases:

- In large marble tiles or tiles of other natural stones on braces that can be moved.
- Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.

05

Tile adhesives



FLS 1000

Flexible tile adhesive "SUPER ELASTIC" (white)
category: C2TES1



05

Tile adhesives

FLS 1000 adhesive is used for laying tiles and plaques of any type and size, such as ceramic or made of artificial materials, as well as for laying natural building stones etc. on floors and walls. Suitable for indoor or outdoor surfaces, on floors or walls.

Can be applied to conventional substrates made of concrete and cementitious coatings, on simple floors (covered with old mosaics or old ceramic tiles), on surfaces made of light structural elements (autoclaved aerated concrete blocks, cement boards and gypsum boards etc.) and in places presenting a higher degree of difficulty with respect to temperature and moisture variations (heated floors, baths, balconies etc.) as well as wherever a high construction quality is required.

Ensures strong adhesion, high compressive and flexural strength, and notable resistance to temperature and moisture variations. Prevents visible changes to white marble surfaces (and other construction materials) and the development of efflorescence.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with EN 12004, EN 12002 specifications; classified as a C2TES1 adhesive.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 30 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

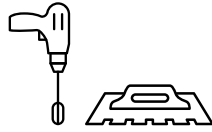
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets and in 5 kg containers.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive
- E** Adhesive with extended open adhesion time
- S1** Elastic

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 12002 / C2TES1

Grain size	0.0-0.7 mm	Open time (20 °C)		30 minutes
		Open time adhesion (EN 1346)		≥1.5 N/mm ²
Dry bulk density (EN 1015-10:1999)	1,300 kg/m ³	Slip		≤0.1 mm
		Grouting	Floors	24 hours
Consumption	2-4 kg/m ²		Walls	8-10 hours
Pot life (20°C)	4 hours	Adhesion (EN 1348)	In dry conditions	≥2.4 N/mm ²
Minor readjustment time	30 minutes		In water immersion	≥1.5 N/mm ²
Alkali resistance	Excellent		In thermal conditions	≥2.4 N/mm ²
Solvents resistance	Excellent		In freeze-thaw conditions	≥1.5 N/mm ²
Flexibility (EN 12002)	≥2.5 mm			

- ⊗ ATTENTION:** The FLS 1000 adhesive should not be used in the following cases:
- Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.

05

Tile adhesives



FLS 1000G

Flexible tile adhesive "SUPER ELASTIC" (grey)
category: C2TES1



05

Tile adhesives

The FLS 1000 adhesive is used for laying tiles and plaques of any type and size, such as ceramic or made of artificial materials, as well as for laying natural building stones etc. Suitable for indoor or outdoor surfaces, on floors or walls. Can be applied to conventional substrates made of concrete and cementitious coatings, on simple floors (covered with old mosaics or old ceramic tiles), on surfaces made of light structural elements (autoclaved aerated concrete blocks, cement boards and gypsum boards etc.), on metal surfaces, pools, water tanks, on surfaces with relatively high moisture, on floors and walls presenting a higher degree of difficulty with respect to temperature variations (heated floors, baths, balconies etc.) as well as wherever high-quality construction is required. Ensures strong adhesion, high compressive and flexural strength, and notable resistance to temperature and moisture variations.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with EN 12004, EN 12002 specifications; classified as a C2TES1 adhesive.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed within 30 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

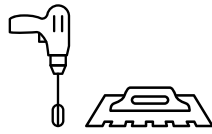
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive
- E** Adhesive with extended open adhesion time
- S1** Elastic

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 12002 / C2TES1

Grain size	0.0-0.7 mm	Open time (20 °C)		30 minutes
		Open time adhesion (EN 1346)		≥1.5 N/mm ²
Dry bulk density (EN 1015-10:1999)	1,300 kg/m ³	Slip		≤0.1 mm
		Grouting	Floors	24 hours
Consumption	2-4 kg/m ²		Walls	8-10 hours
Pot life (20°C)	4 hours	Adhesion (EN 1348)	In dry conditions	≥2.4 N/mm ²
Minor readjustment time	30 minutes		In water immersion	≥1.5 N/mm ²
Alkali resistance	Excellent		In thermal conditions	≥2.4 N/mm ²
Solvents resistance	Excellent		In freeze-thaw conditions	≥1.5 N/mm ²
Flexibility (EN 12002)	≥2.5 mm			

⊗ ATTENTION: The FLS 1000G adhesive must not be used in the following cases:

- Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.

05

Tile adhesives



FLS 2000

Flexible tile and marble adhesive "ULTRA ELASTIC" (white) category: C2TES2



05

Tile adhesives

The FLS 2000 adhesive is used for laying tiles and plaques of any type and size (marble, granite, ceramic etc.), on any substrate, internally or externally, on floors and walls. Can be applied to conventional substrates of concrete and cementitious coatings, on simple floors (covered with old mosaics or old ceramic tiles), on surfaces made of light structural elements (autoclaved aerated concrete blocks, cement boards and gypsum boards etc.), on metal surfaces, pools, at water tanks, on surfaces with relatively high moisture, on floors and walls presenting a higher degree of difficulty with respect to temperature variations, expansions-contractions or vibrations (heated floors, baths, metallic substrates etc.) and wherever high-quality construction is required.

Ensures strong adhesion, high compressive and flexural strength, and notable resistance to temperature and moisture variations. Prevents visible changes to white marble surfaces (and other construction materials) and the development of efflorescence.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with specifications EN 12004, EN 12002 and is classified as a C2TES2 adhesive.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm) and tiles are then placed within 30 minutes.
- To be fixed in the desired position, tiles must be placed and pressed. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.
- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.

- During application of the adhesive, and for several hours later, extreme weather conditions should be avoided (such as high winds, rain, dust, direct sunlight, etc.).
- Application temperatures between +5 °C and +35 °C.
- Floor grouting should be performed 24 hours later while wall grouting can be performed 8 hours later.

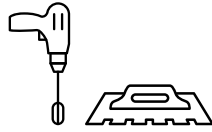
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive
- E** Adhesive with extended open adhesion time
- S2** Very elastic

TECHNICAL SPECIFICATIONS

Specifications: EN 12004, EN 12002 / C2TES2

Grain size	0.0-0.7 mm	Open time (20 °C)		30 minutes
		Open time adhesion (EN 1346)		≥1.5 N/mm ²
Dry bulk density	1,300 kg/m ³	Slip		≤0.1 mm
		Grouting	Floors	24 hours
Consumption	2-4 kg/m ²		Walls	8-10 hours
		Adhesion (EN 1348)	In dry conditions	≥1.3 N/mm ²
In water immersion	≥1.3 N/mm ²			
In thermal conditions	≥1.3 N/mm ²			
In freeze-thaw conditions	≥1.3 N/mm ²			
Pot life (20°C)	4 hours			
Minor readjustment time	30 minutes			
Alkali resistance	Excellent			
Solvents resistance	Excellent			
Flexibility	≥5.0 mm			

⊗ ATTENTION: The PL 2000 adhesive not be used in the following situations:

- Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.

05

Tile adhesives



RG 200 FAST

Fast-setting tile adhesive (white)
category: C2FT



05

Tile adhesives
special applications

The RG 200 FAST adhesive is a fast-setting tile adhesive applied wherever fast bonding and immediate use of space are required. Used for laying tiles and plaques of any type and size, such as ceramic or made of artificial materials, marble or granite, as well as for laying natural building stones etc. Suitable for indoor or outdoor surfaces, on floors or walls.

Can be applied to conventional substrates of concrete and cementitious coatings, surfaces of light structural elements (aerated concrete blocks, cement boards and gypsum boards etc.) and places with increased temperature and humidity proofing requirements (balconies, baths etc.), public areas with high daily car traffic and wherever high-quality construction is required. Ready-to-use product offering consistently high quality. Provides very good adhesion, high compressive and flexural strengths, as well as high resistance to temperature and moisture variations.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with the following specifications: EN 12004 / C2FT.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied ("combed") using a notched trowel (6-10 mm). To be fixed in the desired position, tiles must be placed and pressed.
- Tile installation must be strictly performed within the open adhesion time frame (maximum 20 minutes).

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can take place 3 hours later while wall grouting can be performed 1 hour later.

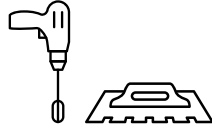
CONSUMPTION

2.0-4.0 kg/m², depending on the type and size of the tiles and substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets and in 5 kg containers.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- F** Fast-setting adhesive, high early strength
- T** Zero-slippage adhesive

TECHNICAL SPECIFICATIONS

Specifications: EN 12004 / C2FT

Grain size	0.0-0.7 mm	Open time (20 °C)		20 minutes
		Open time adhesion (EN 1346)		2.1 N/mm ²
Dry bulk density	1,300 kg/m ³	Slip		<0.5 mm
		Grouting	Floors	3 hours (20°C)
Consumption	2-4 kg/m ²		Walls	1 hour (20°C)
Pot life (20°C)	1 hour	Adhesion (28 days)	In dry conditions	2.1 N/mm ²
Minor readjustment time	10 minutes		In water immersion	1.0 N/mm ²
Adhesion (6 hours)	1.1 N/mm ²		In thermal conditions	1.4 N/mm ²
			In freeze-thaw conditions	1.1 N/mm ²

⊗ ATTENTION: The RG 200 FAST adhesive not be used in the following situations:

- Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.

05
 Tile adhesives
 special applications



DB 2000

Thick bed tile adhesive (white)
category: C2TE



05

Special application tile
adhesives

The DB 2000 adhesive is used for laying tiles of any type and size, such as ceramic or made of artificial materials, marble or granite, as well as for laying natural building stones etc. Suitable for indoor or outdoor surfaces, on floors or walls. Applied to conventional substrates of concrete and cementitious coating, on surfaces of light structural elements, and places with increased temperature and humidity proofing requirements.

Provides high adhesive characteristics, high compressive and flexural strengths, as well as high resistance to moisture variations and environmental condition variations.

Features advantages, especially for large tiles, as it can be applied at great thickness (up to 2 cm), covering any imperfections in the substrate.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with the following specifications: EN 12004 / C2TE.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The adhesive should be applied (“combed”) using a notched trowel (6-10 mm or up to 20 mm). To be fixed in the desired position, tiles must be placed and pressed within 30 minutes. The time limits for application of the produced adhesive allow for any necessary corrections, in order to set the tiles onto their final position.

- If the substrate is covered by a coating, its moisture must be less than 2.5 % prior to applying the adhesive.
- During application of the adhesive, and for several hours later, extreme weather conditions (such as high winds, rain, dust, direct sunlight etc.) should be avoided and temperatures must range between +5 °C and +35 °C.
- Floor grouting can be performed 24 hours later while wall grouting can be performed 8 hours later.

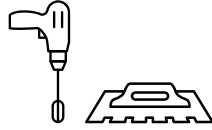
CONSUMPTION

Approximately 12-15 kg/m² for application thickness 1cm, depending on the substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





- C** Cementitious: Product ready for mixing, consisting of aqueous-hardening bonding agents, fillers and additives. Mix with water or other fluids immediately before use.
- 2** Class 2: Improved adhesive (adhesion strength > 1 N/mm²)
- T** Zero-slippage adhesive
- E** Adhesive with extended open adhesion time

TECHNICAL SPECIFICATIONS
Specifications: EN 12004 / C2TE

Grain size	0.0-1.3 mm	Open time (20 °C)		30 minutes
		Open time adhesion		≥1.0 N/mm ²
Dry bulk density	1,400 kg/m ³	Slip		0.5 mm
		Grouting	Floors	24 hours (20°C)
Consumption	~10 kg/m ² /cm		Walls	8-10 hours (20°C)
Pot life (20°C)	4 hours	Adhesion	In dry conditions	≥1.8 N/mm ²
Minor readjustment time	30 minutes		In water immersion	≥1.2 N/mm ²
			In thermal conditions	≥1.5 N/mm ²
			In freeze-thaw conditions	≥1.3 N/mm ²

- ⊗ ATTENTION:** The DB 2000 adhesive not be used in the following situations:
- Directly on metallic surfaces, unless they have anti-corrosive protection and an acrylic primer has been applied.

05

Special application tile adhesives



Tile adhesives:

General recommendations for common applications

Application in interiors

TILE ADHESIVE application / substrate	ESW1 / ESG1 C1	FK10W / FK10G C1T	PL20 C2	GM1 C2T	MARMOFIX 500 / G C2TE	FLEXY 100 / G C2ES1	FLS 1000 / G C2TES1	FLS 2000 C2TES1
WALL								
cementitious plaster		C / M / G		C / M / G / A	C / M / G / A		C / M / G / A	C / M / G / A
acrylic colour		C / M / G B / PS / SB		C / M / G / A B / PS / SB	C / M / G / A B / PS / SB		C / M / G / A	C / M / G / A
gypsum plaster		C / M / G B / PS / SB		C / M / G / A B / PS / SB	C / M / G / A B / PS / SB		C / M / G / A B / PS / SB	C / M / G / A B / PS / SB
gypsum board				C / M / G / A B / PS / SB	C / M / G / A B / PS / SB		C / M / G / A B / PS / SB	C / M / G / A B / PS / SB
cement board				C / M / G / A B / PS / SB	C / M / G / A B / PS / SB		C / M / G / A	C / M / G / A
old tiles				C / M / G / A SB	C / M / G / A SB		C / M / G / A SB	C / M / G / A SB
metallic surface							C / M / G / A B / PS	C / M / G / A B / PS
wooden surface							C / M / G / A B / PS	C / M / G / A B / PS
FLOOR								
cement/concrete	C	C / M / G	C / M / G	C / M / G / A	C / M / G / A	C / M / G / A	C / M / G / A	C / M / G / A
underfloor heating						C / M / G / A	C / M / G / A	C / M / G / A
terrazzo floor			C / M / G SB	C / M / G / A SB	C / M / G / A SB	C / M / G / A SB	C / M / G / A SB	C / M / G / A SB
old tiles				C / M / G / A SB	C / M / G / A SB	C / M / G / A SB	C / M / G / A SB	C / M / G / A SB
metallic surface						C / M / G / A PS (*)	C / M / G / A PS (*)	C / M / G / A PS (*)
wooden surface						C / M / G / A PS	C / M / G / A PS	C / M / G / A PS
BATH								
cement/concrete				C / M / G / A PS	C / M / G / A PS	C / M / G / A PS	C / M / G / A PS	C / M / G / A PS
cementitious plaster				C / M / G / A PS	C / M / G / A PS	C / M / G / A PS	C / M / G / A PS	C / M / G / A PS
gypsum board				C / M / G / A PS	C / M / G / A PS	C / M / G / A PS	C / M / G / A PS	C / M / G / A PS
cementitious waterproofing						C / M / G / A PS	C / M / G / A PS	C / M / G / A PS

Outdoor application

WALL								
cement				C / M / G / A	C / M / G / A		C / M / G / A	C / M / G / A
cementitious plaster				C / M / G / A	C / M / G / A		C / M / G / A	C / M / G / A
acrylic colour				C / M / G / A PS / SB	C / M / G / A PS / SB		C / M / G / A PS / SB	C / M / G / A PS / SB
metallic surface							C / M / G / A PS (*)	C / M / G / A PS (*)

Outdoor application

TILE ADHESIVE application / substrate	ESW1 / ESG1 C1	FK10W / FK10G C1T	PL20 C2	GM1 C2T	MARMOFIX 500 / G C2TE	FLEXY 100 / G C2ES1	FLS 1000 / G C2TES1	FLS 2000 C2TES1
FLOOR								
cement/concrete			C	C/M/G/A	C/M/G/A	C/M/G/A	C/M/G/A	C/M/G/A
metallic surface						C/M/G/A PS (*)	C/M/G/A PS (*)	C/M/G/A PS (*)
TERRACE/BALCONY								
cement/concrete			C	C/M/G/A	C/M/G/A	C/M/G/A	C/M/G/A	C/M/G/A
terrazzo floor				C/M/G/A SB	C/M/G/A SB	C/M/G/A SB	C/M/G/A SB	C/M/G/A SB
old tiles				C/M/G/A SB	C/M/G/A SB	C/M/G/A SB	C/M/G/A SB	C/M/G/A SB
SWIMMING POOL								
cement/concrete						C/M/G/A PS	C/M/G/A PS	C/M/G/A PS
cementitious waterproofing						C/M/G/A PS	C/M/G/A PS	C/M/G/A PS

C: ceramic tiles M: marble tiles G: granite tiles A: artificial tiles
 B: BIOPRIMER PS: PS PRIMER SB: SUPER BOND PRIMER
 (*): grinding before use of primer /: Alternatively

General instructions / recommendations

2500cm ² < tile surface < 5000 cm ²	→	S1 tile adhesive
tile surface > 5000 cm ²	→	S2 tile adhesive (or S1 tile adhesive + MARMOPLUS)

Tile adhesives: special applications

UNEVEN SURFACE		(max depth < 2cm)	(max depth > 2cm)
WALL			
No need to use elastic tile adhesive	application method	cement	DB 2000 1st: REFIXCEM 2nd: suitable adhesive
		plaster	DB 2000 1st: GS 100 L 2nd: suitable adhesive
	alternative application method	cement	1st: REFIXCEM 2nd: FLS 1000 1st: REFIXCEM 2nd: FLS 1000
		plaster	1st: GS 100 L 2nd: FLS 1000 1st: GS 100 L 2nd: FLS 1000
FLOOR			
No need to use elastic tile adhesive	application method	cement	DB 2000 1st: REFIXCEM 2nd: suitable adhesive
		concrete	DB 2000 1st: REFIXCEM 2nd: suitable adhesive
	alternative application method	cement	1st: REFIXCEM 2nd: FLS 1000 / FLEXY 100 1st: REFIXCEM 2nd: FLS 1000 / FLEXY 100
		concrete	1st: REFIXCEM 2nd: FLS 1000 / FLEXY 100 1st: REFIXCEM 2nd: FLS 1000 / FLEXY 100

FAST APPLICATIONS	PRODUCT
FLOOR AND WALL	
cement	RG 200 FAST
plaster	RG 200 FAST
concrete	RG 200 FAST



06

Joint grouts

Cementitious:

COLORFILL PLATINUM (20 kg, 5 kg, 2 kg) 84
Waterproof tile grout, for grouts with a thickness up to 6 mm in 29 colours

Epoxy:

COLORFILL EPOXY PRO (10 kg, 5 kg, 3 kg) 86
2-component epoxy tile grout for grout thickness between 2-12 mm in 6 selected colours

Cleaning:

COLORFILL CLEAN (1 kg) 88
Grout and natural stone cleaner

REMINDER

Although the specifications and instructions stated in this document have been compiled based on the best of our abilities, knowledge and experience, they should only be considered as indicative results and require verification following many applications. Product users must verify its suitability for the intended application. End-users assume sole responsibility for using the product.



COLORFILL PLATINUM

Waterproof cementitious joint grout (0-6 mm) in 29 colour variations



06

Joint grouts

COLORFILL PLATINUM is a waterproof cementitious joint grout, for joints with a thickness of up to 6 mm. Suitable for tiles of all types and sizes, for indoor and outdoor applications on floors and walls and is produced in 29 set colours.

Homogeneous ready-to-mix industrial product with consistently high quality. Provides very good mechanical strengths and high resistance to the adverse effects of moisture and frost. Ensures proper workability, increased application speed, it is economic and provides excellent results overall.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and special improver additives.
- Conforms with European standards: EN 13888:2002, CG2WA. Grain size <0.2 mm. A product with a high resistance to friction.

APPLICATION

- Joints must be cleansed from all types of foreign bodies and it is also recommended that they be wet prior to application.
- Grouting on floors should be performed at least 24 hours after the installation of tiles using adhesive, while on walls, grouting should start 8-10 hours later. The mentioned time concerns normally-setting adhesives.
- Bag content (5 kg) is gradually added into clean water (approximately 1.5 lt/bag) while using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and then stirred again. Should the pulp remain in the container for longer than 15-20 minutes, it must be stirred again. ATTENTION: An addition of water in excess of the recommended amount reduces the joint grout's strength by a significant measure, while at the same time can result in the formation of two colours and a fading of its colour.

- The proper liquidity and cohesion of COLORFILL PLATINUM (having added the recommended amount of water) contributes to its immediate penetration and the effective sealing of grouts.
- Joints are filled using an elastic spatula, always using movements oblique to the tiles.
- Residues on tile surface must be wiped off using a wet sponge within the following 10-15 minutes. (Times depend on ambient temperature). Then pass over with a damp cloth, which gives the desired effect.
- Finishing of the surfaces should be carried out after hardening of the mortar.
- Grouted surfaces must be protected from extreme temperature, ice, dust, air etc. during the first 12 hours.
- During application, the recommended temperature is between +5 °C and +35 °C.

PACKAGING & STORAGE

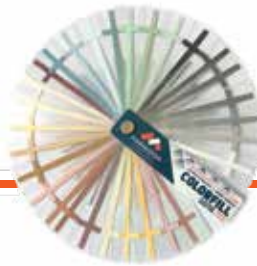
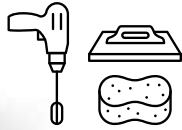
- In 5 kg and 2 kg containers. In 20 kg bags, on order.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

CONSUMPTION

Consumption depends on tile size and grout thickness. Certain characteristic examples are provided in the following table:

Joint grout consumption (kg/m ²)						
Tile sizes (cm)	Joint thickness (mm)					
	1	2	3	4	5	6
20x20x0.7	0.20	0.40	0.60	0.80	1.00	1.20
30x30x0.9	0.15	0.30	0.45	0.60	0.75	0.90
40x40x0.9	0.10	0.20	0.30	0.40	0.50	0.60
12x24x0.8	0.20	0.40	0.60	0.80	1.00	1.20





COLORFILL PLATINUM / JOINT GROUT 0-6 mm			
CODE	NAME	CODE	NAME
W	WHITE	B0	LIGHT BEIGE
G0	BRIGHT GREY	B1	BEIGE
G1	LIGHT GREY	B2	SAHARA BEIGE
G2	GREY	B3	LIGHT BROWN
G3	DARK GREY	B4	BROWN
G4	CHARCOAL GREY	BB1	LIGHT CARAMEL
G5	BLACK	BB2	CARAMEL
GR1	LIGHT GREEN	BB3	TERRACOTTA
GR2	GREEN	BB4	CACAO CHOCOLATE
P0	LIGHT PETROL	Y1	LIGHT YELLOW
P1	PETROL	Y2	OCHRE LIGHT
BL1	LIGHT BLUE	Y3	YELLOW OCHRE
BL2	BLUE	V1	ROSE LIGHT
BL3	DARK BLUE	V2	ROSE
R1	MINOAN RED		

TECHNICAL SPECIFICATIONS

Specifications: EN 13888:2002, CG2WA. Grain size <0.2mm

Grain size	0.0-0.2 mm	Compressive strength (Normal conditions)	31.0 N/mm ²	
		Flexural strength (Normal conditions)	6.5 N/mm ²	
Water demand	1.5 kg/bag 5 kg	Compressive strength (in Freeze & Thaw conditions)	25.0 N/mm ²	
Dry bulk density	1,500 kg/m ³	Flexural strength (in Freeze & Thaw conditions)	5.5 N/mm ²	
Normal Consumption (Refer to the corresponding table)	0.4-0.8 kg/m ²	Water absorption	following 30 minutes	1.5 g
Shelf life while inside the container (23°C)	90 minutes		following 240 minutes	2.7 g
Alkali resistance	Excellent			
Solvents resistance	Excellent	Shrinkage	11 mm/m	
Abrasion resistance	900 mm ³			

06

Joint grouts



COLORFILL EPOXY PRO

2-component epoxy tile grout (2-12 mm)
in 6 selected colours*



06

Joint grouts

COLORFILL EPOXY PRO is an epoxy antifungal, antibacterial, waterproof and especially stain-proof 2-component joint grout with high chemical and mechanical battery. Applied to all kinds of ceramic tiles and natural stones. Recommended for use with tile grouting or swimming pool grits, natural spa sources, chemical product industries, food and drink industries, slaughterhouses, dairy product industries, battery production and re-charging industries, waste management facilities, professional kitchens, chemical laboratories, hospitals and clinics, laundromats etc. Suitable for exterior and interior floors and walls. Suitable for grout thickness of 2-12 mm.

Also used for bonding tiles, natural stones, concrete, iron, wood etc.

COMPOSITION & CHARACTERISTICS

- Conforms with RG in accordance with the EN 13888 standard.
- Suitable for uses where direct contact is made with drinking water in accordance with the EN 12873-1 standard.
- Features very good chemical properties and is resistant to acids, salt water bases, chlorinated water and oxidising chemical agents etc.
- Features high compressive and flexural strengths as well as high adhesive capacity
- High mechanical strength, over standard requirements.
- Very easy to apply and clean.

APPLICATION

- Grouts must be clean, dry, without oils or any foreign bodies
- Grouting on floors should be performed at least 24 hours after the installation of tiles using adhesive, while on walls, grouting should start 8-10 hours later. The mentioned time concerns normally-setting adhesives.
- The bucket's content-ingredient A (resin) and B (hardener) are set a fixed ratio which must be strictly adhered to. The mixing of ingredients is ideally performed in a clean bucket and the entire amount of A is mixed with the entire amount of B. If for example the half amount of joint grout is required, then the half amount of A must be mixed with the half amount of B and so on. Mixing is performed slowly and carefully using either a hand-tool, e.g. a clean spatula, or

an electric stirrer at very low speeds, until a homogeneous mixture is achieved. Mixing time does not exceed 3-5 minutes.

- Grouts are filled using an elastic spatula, always using movements oblique to the tiles.
- Residues on the tile surface must be wiped off using a wet sponge approximately within the following 2 hours. (Times depend on ambient temperature). The final cleaning of surfaces must be performed following the adequate hardening of the joint grout using a wet and a soft sponge. Warm water or the addition of a small amount of alcohol facilitates the final finish.
- Grouted surfaces must be protected from extreme temperature variations, ice, dust etc. during the first 12 hours.
- As an epoxy adhesive, it is applied using a 3-5 mm notched trowel on horizontal and vertical surfaces
- During application, the recommended temperature is between +7°C and +35°C.

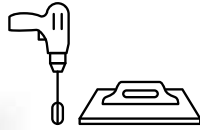
CONSUMPTION

Consumption depends on tile size and grout thickness. Certain characteristic examples are provided in the following table:

PACKAGING & STORAGE

- In 5 kg & 3 kg containers and in 10 kg boxes on request.
- In a dry frost-free area, for 12 months from the production date, in unopened buckets.





Joint grout consumption (gr/m ²)				
Tile sizes (cm)	Joint thickness (mm)			
	2	3	4	5
20x20x0.8	350	500	700	900
20x20x1	400	650	850	1000
30x30x0.8	250	350	450	500
40x40x1	150	250	350	400
12.5x12.5x0.8	400	600	800	1000
12.5x25x1	500	700	900	1100
Tessera 2.5x2.5x0.3	950	1100	-	-

EPOXY PRO JOINT GROUT 2-12 mm	
CODE	NAME
EW	EPOXY WHITE
EG1	EPOXY LIGHT GREY
EG2	EPOXY GREY
EG5	EPOXY BLACK
EBO	EPOXY LIGHT BEIGE
EY1	EPOXY LIGHT YELLOW

* the product is coloured, on request in any and all colour-codes of COLORFILL PLATINUM.

TECHNICAL SPECIFICATIONS

Specifications: EN 13888:2002, CG2WA. Grain size <0.2mm

DESCRIPTION	VALUES	STANDARDS
Resistance to friction	165 mm ³	EN 12808-2 ≤ 1,000 mm ³
Flexural strength	32 N/mm ³	EN 12808-3 ≥ 30 N/mm ²
Compressive strength	54 N/mm ³	EN 12808-3 ≥ 45 N/mm ²
Water absorption	<0.1 gr	EN 12808-5 after 240min ≤ 0.1gr
Acid resistance	Very good	Very good
Temperature resistance	-40 °C - +80 °C (constant exposure)	
Pot life (23 °C, 50% moisture)	~2 h	
Application temperature	+7 °C - 35 °C	
Appearance	Ingredient A: paste 1.70Kg/lit Ingredient B: paste 1.30Kg/lit A+B: 1.60Kg/lit	
	Cat A/j < 250g/lit	Directive 2004/42/EC Cat A/j ≤ 500g/lit

06

Joint grouts



COLORFILL CLEAN

Grout and natural stone cleaner



COLORFILL CLEAN is a special, acidic mortar residue cleaner used for tiles, natural stones and coarse unpolished marbles.

06

Joint grouts

COMPOSITION & CHARACTERISTICS

- Acidic cement, asbestos and salt cement residue cleaner.

APPLICATION

- COLORFILL CLEAN is used as-is or diluted 1:1 with water.
- Spread the cleaner on the surface to be cleaned and allow to act for 2-3 minutes.
- Then scrape using a hard brush and wash off using plenty of water.
- **ATTENTION.** All work must be performed while using plastic gloves.

CONSUMPTION

Approximately 150-200 gr/m², depending on the application.

PACKAGING & STORAGE

- In 1kg containers.
- In a dry place, protected from direct sunlight and frost, for 12 months from the production date, in unopened containers.

NOTES

- The product is classified as a corrosive.
- Always consult the safe use instructions.

- Ensure closed spaces are ventilated while using the product.
- Enamel surfaces are sensitive to acidic cleaners. They should be cleaned very quickly and should be rinsed very well and quickly.
- Metallic containers are unsuitable for product transfusion.
- Try the product on a small surface before each cleaning.
- It causes burns. Keep it safely stored and away from children.
- In the event of an accident or should you feel sick, immediately seek medical advice (show the label if possible).
- Do not inhale the fumes.
- In the case of eye contact, immediately wash off using plenty of water and seek medical advice.
- In the case of skin contact, immediately wash off using plenty of water.
- Use appropriate protective clothing and gloves as well as an eye and face-protective device.
- TELEPHONE POISON CONTROL CENTRE: 2107793777

TECHNICAL SPECIFICATIONS

Appearance	Transparent liquid
pH	~0.5
Density	1.1 kg/lit





Waterproofing systems

Substrate preparation materials

CORRO PROTECT (1kg)	121
Concrete reinforcement anti-corrosion protection	
REFIXCEM (25 kg)	122
Fibre-reinforced, high-strength repair mortar	
Fibreglass PVC 160 gr/m ²	
MARMOSEAL FABRIC (100 m ²)	
Reinforcement geotextile	
MARMOFLEX PRIMER (5 kg, 1 kg).....	92
Acrylic and polyurethane dispersion primer	

A) Acrylic waterproofing products

MARMOFLEX ACRYL (15 kg, 5 kg, 1 kg).....	93
Acrylic elastomeric sealant	

B) Polyurethane waterproofing products

MARMOFLEX PU W (13 kg, 4 kg)	94
Water-based polyurethane sealant	

C) Hybrid waterproofing products

MARMOFLEX HYBRID (13 kg, 4 kg).....	96
Hybrid elastomeric sealant	

D) Cementitious waterproofing products

MARMOCEM (25 kg)	97
Osmotic, brushable one component sealant	

MARMOCEM LAST	98
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Osmotic, brushable, 2-component sealant:

Ingredient A: Osmotic Mortar

MARMOCEM LAST (25 kg, 5 kg)

Second ingredient: Liquid admixture

LAST (6.5 kg, 1.3 kg)

MARMOCEM ELASTIK	100
------------------------	-----

Super-elastic, brushable, two-component sealant:

Ingredient A': Super-elastic mortar

MARMOCEM ELASTIK (25 kg)

Second ingredient: Liquid admixture

ELASTIK (7.5 kg)

REMINDER

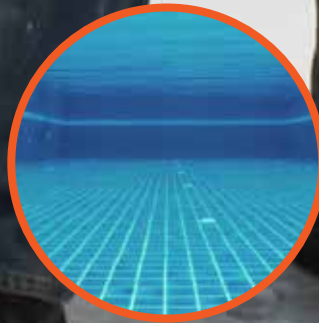
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Waterproofing systems

Masonries, tanks, swimming pools, shafts, basements and terraces.

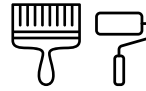
Marmodom offers a solution to every challenge.

With easy application, and a guaranteed result, in a clean and... dry fashion!



MARMOFLEX PRIMER

Adhesion primer
of MARMOFLEX ACRYL /
PU W / HYBRID



MARMOFLEX PRIMER is a aqueous polymer dispersion following the application of which the proper substrate is created providing the best adhesion of MARMOFLEX. Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Aqueous polymer dispersion solution.

APPLICATION

- The substrate must be clean, stable and dry.
- The container's content is mixed well and applied to the substrate using a roll, a brush or even a spraying machine.
- Application temperatures between +5 °C and +35 °C.

CONSUMPTION

Approximately 200 gr/m² depending on the substrate's absorption capacity.

PACKAGING & STORAGE

- In 5kg and 1kg containers.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

07

Waterproofing solutions
Substrate preparation materials

TECHNICAL SPECIFICATIONS

Colour	White
Viscosity	100 mPa.s
Density	1.0 kg/lt
pH	8-9





MARMOFLEX ACRYL

Acrylic elastomeric sealant

MARMOFLEX ACRYL is a brushable, elastomeric terrace sealant. Once applied, it forms a continuous connection-free membrane offering complete waterproofing and breathability, excellent adhesion to surfaces such as concrete, metal, wood and extensive resistance to weather changes (humidity, sunlight, ice). Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture comprised of a high-elasticity acrylic latex, ultra-fine marble powder, enriched with special improver additives.
- Conforms with specifications: EN 1504-2:2008, concrete surface protection products/systems.

APPLICATION

- The substrate must be clean, stable and dry.
- Wooden and metallic edges must be cut at a depth of approximately 3cm and then covered using the REFIXCEM fibre-reinforced repair mortar. REFIXCEM is also used to fill cavities in concrete.
- Where the floor meets the wall, it is recommended to create an approximately 10cm wide curvilinear gutter using REFIXCEM.
- Surface cracks should be filled using REFIXCEM. Following, and once REFIXCEM has been hardened, a layer of MARMOFLEX ACTYL is applied locally and while it still damp a piece of properly cut fibreglass or polyester fabric measuring 5x5 mm is boxed. Finally, a second layer of MARMOFLEX ACRYL is applied, to fully cover the reinforcement.
- prior to application of MARMOFLEX ACRYL the surface must be primed using the special primer MARMOFLEX PRIMER.
- The first layer of MARMOFLEX ACRYL is applied using a brush or a roll, once the primer has dried. The second layer is applied crossways and only once the first layer has dried (which usually requires 24 hours).

The recommended thickness per layer is -1mm.

- At points of severe cracking and connections or grouts, aside from the local use of 5x5 mm fibreglass reinforcement or polyester fabric as mentioned, it is recommended to apply the reinforcement universally over the entire surface. The reinforcement is placed immediately after the first layer of MARMOFLEX ACRYL is applied, while it still damp.

- The reinforcement strip coverage thickness must measure approximately 10cm. The second layer must fully cover the reinforcement.
- Application temperatures between +5°C and +35°C.

CONSUMPTION

Approximately 1.5 kg/m²/layer thickness of 1mm, depending on the substrate.

PACKAGING & STORAGE

- In 15kg, 5kg, and 1kg containers.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2:2008, concrete surface protection products/systems

Appearance	White paste
Viscosity	6500 mPa.s
Density	1.45 kg/lt
Consumption	1.5 kg/m ²
Fracture elongation (DIN 53504:2009)	>300 %
Tensile strength (DIN 53504:2009)	>1 MPa



07

Waterproofing solutions
Acrylic waterproofing products



MARMOFLEX PU W

Water-based polyurethane sealant membrane



MARMOFLEX PU W is a brushable, water-based/polyurethane-based terrace-sealant. Once applied, it forms a continuous connection-free membrane offering complete waterproofing, excellent adhesion to surfaces such as concrete, metal, wood, old or new polyurethane or acrylic membranes and extensive resistance to weather changes (stagnant waters, sunlight radiation, ice) and mechanical strain (top-coat roofs). Suitable for application on concrete terraces, cement plaques, mosaic or cement mortar. Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

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Waterproofing solutions
Polyurethane waterproofing products

COMPOSITION & CHARACTERISTICS

- Mixture of high-elasticity polyurethane dispersions, enriched with special improver additives.
- Conforms with specifications: EN 1504-2, concrete surface protection products/systems.

APPLICATION

- The substrate must be clean, stable and dry.
- Wooden and metallic edges must be cut at a depth of approximately 3 cm and then covered using the REFIXCEM fibre-reinforced repair mortar. REFIXCEM is also used to fill cavities in concrete.
- Where the floor meets the wall, it is recommended to create an approximately 10 cm wide curvilinear gutter using REFIXCEM.
- Surface cracks should be filled using REFIXCEM. Following, and once REFIXCEM has hardened, a layer of MARMOFLEX PU W is applied locally and while it still damp a piece of properly cut fibreglass or polyester fabric measuring 5x5 mm is boxed. Finally, a second layer of MARMOFLEX PU W is applied, to fully cover the reinforcement.
- Prior to application of MARMOFLEX ACRYL the surface must be primed using the special primer MARMOFLEX PRIMER.
- The application of the first layer of MARMOFLEX PU W is performed using a brush or a roll, once the primer has dried. The first layer is applied diluted via 5% water. The second application is performed undiluted, crossways and only once the first application has dried (which usually requires 24 hours).

The recommended thickness per layer is -1mm.

- At points of severe cracking and connections or grouts, aside from the local use of 5x5 mm fibreglass reinforcement or polyester fabric as mentioned, it is recommended to apply the reinforcement universally over the entire surface. The installation of the reinforcement is performed immediately following the application of the first layer of MARMOFLEX PU W, while it still damp.
- The reinforcement strip coverage thickness must measure approximately 10 cm. The second layer must fully cover the reinforcement.
- Application temperatures between +10 °C and +40 °C.

NOTES

- MARMOFLEX PU W must not be applied under moist conditions and rainy weather or rainfall is expected.
- Metal surfaces must feature anti-corrosive protection.
- For more demanding applications and if covering severe terrace cracks (crack width >1.5 mm) membrane reinforcement using polyester fabric and a third layer of MARMOFLEX PU W is deemed necessary.
- The membrane attains its final properties 7 days later.
- Clean all tools and the application accessories using water immediately after use and before the product sets. Hardened and set material can only be removed mechanically.





CONSUMPTION

Approximately 1.0-1.2 kg/m² for a 1mm layer thickness, depending on the substrate

PACKAGING & STORAGE

- In 13 kg and 4 kg containers.
- In sealed containers and in a dry environment, protected from frost and direct sunlight for 24 months from the production date.

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2, concrete surface protection products/systems

Appearance	White paste
Viscosity	~6500 mPa.s
Density	~1.36 kg/lt
Consumption	1.0-1.2 kg/m ²
Distortion at Maximum Stress (ASTM D 412 - 06a)	475.15 ± 33,04 %
Distortion at Fracture (ASTM D 412-06a)	486.57 ± 33.30 %
Tension resistance (ASTM D 412-06a)	2.28 ± 0.16 MPa
Maximum Stress Distortion (ASTM D 412-06a)	34.95 ± 2,15 N
Elasticity Measurement (ASTM D 412-06a)	1.83 ± 0.10 MPa
Adhesion strength (EN 1542:2001)	2.54 N/mm ²
Hardness Shore A (ASTM D2240)	68
Operating temperature	Between -15 °C - +80 °C
Aqueous absorption coefficient (EN 1062-3:2008)	0.00 kg/m ² min ^{0.5}
CO₂ Permeability (EN 1062- 6:2002 Method A)	1.7 g/(m ² d)
Resistance coefficient μ (EN 1062 -6:2002 Method A)	14536
Coefficient Sd (EN 1062 -6:2002 Method A)	154.08 m
Vapour permeability Λ (ISO 7783-1:1999)	0.00307 g/cm ² d ⁻¹
Dissipation resistance coefficient m (ISO 7783-1:1999)	451.4
Sd coefficient (ISO 7783-1:1999)	4.78

07

Waterproofing solutions
Polyurethane waterproofing products



MARMOFLEX HYBRID

Hybrid brushable waterproofing membrane



07

Waterproofing solutions
Hybrid waterproofing products

MARMOFLEX hybrid is a hybrid terrace sealant. Once applied, it forms a continuous connection-free membrane, impermeable even by still waters. The membrane offers complete waterproofing and breathability, excellent adhesion to old or new polyurethane or acrylic membranes as well as high resistance to weather condition variations (stagnant waters, sunlight radiation, ice) and mechanical strain. Suitable for application on concrete terraces, cement plaques, mosaic or cement mortar, metal, wood etc. Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-elasticity hybrid polyurethane / acrylic dispersions, enriched with special improver additives.
- Conforms with specifications: ETAG 005 / EN 1504-2, concrete surface protection products/systems.

APPLICATION

- The substrate must be clean, stable and dry.
- Wooden and metallic edges must be cut at a depth of approximately 3 cm and then covered using the REFIXCEM fibre-reinforced repair mortar. REFIXCEM is also used to fill cavities in concrete.
- Where the floor meets the wall, it is recommended to create an approximately 10 cm wide curvilinear gutter using REFIXCEM.
- Surface cracks should be filled using REFIXCEM. Once REFIXCEM has hardened, a layer of MARMOFLEX HYBRID is applied locally and while it still damp a 5x5mm piece of suitably cut fibreglass or polyester fabric is boxed. Finally, a second layer of TERRAZZA HYBRID is applied, to fully cover the reinforcement.
- Prior to application of MARMOFLEX HYBRID, the surface must be primed using the special primer MARMOFLEX PRIMER.
- The application of the first layer of MARMOFLEX HYBRID is performed using a brush or a roll, once the primer has dried. The

second layer is applied crossways and only once the first layer has dried (which usually requires 24 hours). The recommended thickness per layer is ~1mm.

- At points of severe cracking and connections or grouts, aside from the local use of 5x5 mm fibreglass reinforcement or polyester fabric as mentioned, it is recommended to apply the reinforcement universally over the entire surface. The reinforcement is placed immediately after the first MARMOFLEX HYBRID layer is applied, while it still damp.
- The reinforcement strip coverage thickness must measure approximately 10 cm. The second layer must fully cover the reinforcement.
- Application temperatures between +5 °C and +35 °C.

CONSUMPTION

Approximately 1.5kg/m² for a layer thickness of 1mm, depending on the substrate.

PACKAGING & STORAGE

- In 13kg and 4kg containers.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2:2008, concrete surface protection products/systems

Appearance	White paste
Density	1.15 kg/l
Adhesion to concrete	3.76 MPa
Water-tightness	No leak
Vapour permeability (sd)	0.16 m
Tensile strength	102 N/50mm





MARMOCEM

Brushable waterproofing mortar with osmotic function

MARMOCEM is a brushable waterproofing mortar with osmotic function. Reacts with the cement's ingredients and forms solid and insoluble salts, which seal concrete pores and capillaries osmotically. It is suitable for external and internal waterproofing of foundations, basements, conventional or inverse rooms, swimming pools and generally any type of construction where substrate waterproofing is required. Offers complete waterproofing and protection from moisture, excellent adhesion to concrete, high resistance to negative pressures, high compressive and flexural strength as well as resistance to temperature condition variations, while providing complete breathability to structural elements. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, fillers with selected grain sizes enriched with special improver additives.
- Conforms with specifications: EN 1504-2:2008, concrete surface protection products/systems. Grain size <0.7 mm.
- Suitable for potable water tanks in accordance with the provisions of regulations W-347 and W 270 (EBETAM / certificate number 3743).

APPLICATION

- The substrate must be clean and stable; wet until saturated prior to application.
- Wooden and metallic edges must be cut at a depth of approximately 3 cm and then covered using the REFIXCEM fibre-reinforced repair mortar. REFIXCEM is also used to fill cavities in concrete.
- Where the floor meets the wall, it is recommended to create an approximately 10 cm wide curvilinear gutter using REFIXCEM.
- Substrate surface cracks should be filled using REFIXCEM. Following, and once REFIXCEM has hardened, a layer of MARMOFLEX is applied locally and while it still damp a piece of properly cut reinforcement (fibreglass/polyester geotextile) is boxed along the crack line. Finally, a second layer of MARMOFLEX is applied, to fully cover the reinforcement.
- At points of severe cracking and connections or grouts, aside from the local use of fibreglass reinforcement as mentioned, its universal use over the entire surface is recommended. The

installation of the reinforcement is performed immediately following the application of the first layer of MARMOFLEX, while it still damp. The reinforcement strip coverage thickness must measure approximately 10 cm. The second layer to follow must fully cover the reinforcement (a third layer can be required).

- Bag content is gradually added into clean water using an electric stirrer at low speed or a conventional cement mixer until a homogeneous mixture (pulp) is ready for spreading.
- MARMOCEM's application is performed over two layers crossways, using a brush or a paintbrush, applying the second layer while the first layer is still damp. If the first layer has already hardened, satisfactory soaking must first be performed.
- Each layer's thickness must not exceed 1mm, to avoid potential cracks.
- The newly coated surface must be protected from rain, direct sunlight, dust etc.
- Application temperatures must range between +5°C and +35°C.

CONSUMPTION

Approximately 1.5 kg/m² for a layer thickness of 1mm, depending on the substrate.

PACKAGING & STORAGE

- In 25kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2:2008, concrete surface protection products/systems, grain size <0.7mm.

Grain size	0.0-0.7 mm	Adhesion	>1.0 N/mm ²
Dry bulk density	1,700 kg/m ³	Vapour permeability (s_d)	<5 m (class I)
Consumption	1.5 kg/m ² /mm	Resistance to hydrostatic pressure	3 atm
Shelf life while inside the container	1 hour		



07

Waterproofing solutions
Cementitious waterproofing products



MARMOCEM LAST

Brushable waterproofing 2-component mortar, with osmotic action and high elasticity



07

Waterproofing solutions
Cementitious waterproofing products

MARMOCEM LAST is a brushable, elastic, osmotic 2-component waterproofing system. Reacts with the cement's ingredients and forms solid and insoluble salts, which seal concrete pores and capillaries osmotically. Suitable for external and internal waterproofing of foundations, basements, conventional or inverted roofs, swimming pools, tanks, surfaces with capillary cracks and generally any type of construction where substrate waterproofing is required. Thanks to the uniform, cohesive and elastic membrane formed by MARMOCEM LAST, it offers complete waterproofing and protection from moisture, excellent adhesion to the substrate, high resistance to negative pressures, high compressive and flexural strength as well as resistance to temperature condition variations, while providing complete breathability to structural elements.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- **Ingredient A:** Mixture comprised of high-quality grey cement, fillers with selected grain sizes enriched with special improver additives.
- **Ingredient B:** Acrylic, high-elasticity dispersion.
- Conforms with specifications: EN 1504-2:2008, concrete surface protection products/systems. Grain size <0.7 mm.
- Suitable for potable water tanks in accordance with the provisions of regulations W-347 and W 270 (EBETAM / certificate number 3743).

APPLICATION

- The substrate must be clean and stable; wet until saturated prior to application.
- Wooden and metallic edges must be cut at a depth of approximately 3 cm and then covered using the REFIXCEM fibre-reinforced repair mortar. REFIXCEM is also used to fill cavities in concrete.
- Where the floor meets the wall, it is recommended to create an approximately 10 cm wide curvilinear gutter using REFIXCEM.
- Substrate surface cracks should be filled using REFIXCEM. Once REFIXCEM has hardened, a layer of MARMOCEM LAST is applied locally and while it is still damp a piece of suitably cut reinforcement (fibreglass/

polyester geotextile) is boxed along the crack line. Finally, a second layer of MARMOCEM LAST is applied, to fully cover the reinforcement.

- At points of severe cracking and connections or grouts, aside from the local use of fibreglass reinforcement as mentioned, its universal use over the entire surface is recommended. The reinforcement is placed immediately after the application of the first layer of MARMOCEM LAST, while it is still damp. The reinforcement strip coverage thickness must measure approximately 10 cm. The second layer to follow must fully cover the reinforcement (a third layer can be required).
- The content of ingredient A (mortar 25 kg) is gradually added and while being constantly stirred, to a bucket containing ingredient B (latex 6.5 kg) using an electric stirrer at low speed or a traditional mixer until a homogeneous mixture (pulp) is prepared for spreading.
- MARMOCEM LAST's application is performed over two layers crossways, using a brush or a paintbrush, applying the second layer while the first layer is still damp. If the first layer has already hardened, satisfactory soaking must first be performed.
- Each layer's thickness must not exceed 1 mm, to avoid potential cracks.





- The newly coated surface must be protected from rain, direct sunlight, dust etc.
- The application temperature must range between +5 °C and +35 °C

CONSUMPTION

Approximately 1.5 kg/m² for a layer thickness of 1 mm, depending on the substrate.

PACKAGING & STORAGE

- Packages of 31.5 kg (25 kg mortar + 6.5 kg liquid) and 6.3 kg (5 kg mortar + 1.3 kg liquid) on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2:2008, concrete surface protection products/systems. Grain size <0.7mm.

	INGREDIENT A	INGREDIENT B
Appearance	Grey mortar	White latex
Specific gravity	1,500 kg/m ³	1.1 kg/lit
FINAL PRODUCT		
Grain size	0.0-0.7 mm	
Dry bulk density	1,700 kg/m ³	
Consumption	1.5 kg/m ² /mm	
Pot life	60 minutes	
Adhesion	>1.0 N/mm ²	
Water vapour permeability (s_d)	<5 m (class I)	
Resistance to water pressure strength	>3 atm	



MARMOCEM ELASTIK

Brushable, superelastic, 2-component sealant



07

Waterproofing solutions
Cementitious waterproofing products

MARMOCEM LAST is a brushable, elastic, 2-component waterproofing system. Ideal for waterproofing terraces, balconies and generally any construction requiring increased elasticity. Thanks to the uniform, cohesive and elastic membrane it forms, it offers complete waterproofing, excellent substrate adhesion, high resistance to temperature variations, while providing complete breathability to structural elements.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- **Ingredient A:** Mixture comprised of high-quality grey cement, fillers with selected grain sizes enriched with special improver additives.
- **Ingredient B:** Acrylic, high-elasticity dispersion.
- Conforms with specifications: EN 1504-2:2008, concrete surface protection products/systems, grain size <1.3 mm.

APPLICATION

- The substrate must be clean and stable and must be drenched prior to application.
- Wooden and metallic edges must be cut at a depth of approximately 3 cm and then covered using the REFIXCEM fibre-reinforced repair mortar. REFIXCEM is also used to fill cavities in concrete.
- Where the floor meets the wall, it is recommended to create an approximately 10 cm wide curvilinear gutter using REFIXCEM.
- Substrate surface cracks should be filled using REFIXCEM. Once REFIXCEM has hardened, a layer of MARMOFLEX ELASTIC is applied locally and while it still damp a piece of suitably cut reinforcement (fibreglass or polyester geotextile) is boxed along the crack line. Finally, a second layer of MARMOFLEX ELASTIC is applied, to fully cover the reinforcement.
- At points of severe cracking and connections or grouts, aside from the local use of fibreglass reinforcement as mentioned, its universal use over the entire surface is recommended. The reinforcement is placed immediately after the first MARMOCEM ELASTIC layer is applied, while it still damp. The reinforcement strip coverage thickness

must measure approximately 10cm. Once the first layer has dried, the second layer to follow must fully cover the reinforcement.

- The content of ingredient A (25 kg mortar) is gradually added and while being constantly mixed, to a bucket containing ingredient B (latex 7.5 kg) using an electric stirrer at low speed or a traditional mixer until a homogeneous mixture (pulp) is prepared for spreading.
- MARMOCEM ELASTIC's application is performed over two layers crossways, using a brush a paintbrush or a spatula. Each new layer should be applied once the previous layer has already dried. Each layer's thickness must not exceed 1 mm, to avoid potential cracks.
- The newly coated surface must be protected from rain, direct sunlight, dust etc.
- Application temperatures must range between +5°C and +35°C.

CONSUMPTION

Approximately 1.7 kg/m² for a layer thickness of 1 mm, depending on the substrate.

PACKAGING & STORAGE

- Packages of 32.5 kg (25 kg mortar+ 7.5 kg liquid), on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.





TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2:2008, concrete surface protection products/systems, grain size <1.3mm.

	INGREDIENT A	INGREDIENT B
Appearance	White mortar	White latex
Specific gravity	1,500 kg/m ³	1.1 kg/lit
FINAL PRODUCT		
Grain size	0.0-1.3 mm	
Dry bulk density	1,700 kg/m ³	
Consumption	1.7 kg/m ² /mm	
Pot life	60 minutes	
Adhesion	>1.0 N/mm ²	
Resistance to water pressure strength	>3 atm	

07

Waterproofing solutions
Cementitious waterproofing products



Screeds - Floors

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Industrial flooring surface hardener	

C) Impregnations / varnishes

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Protective transparent acrylic impregnation dispersion	
PROTECTOR SHIELD GLOSS (5 kg, 1 kg)	108
Transparent polyurethane 2-component coating	
PROTECTOR SHIELD MATT (5,2 kg / 1kg)	109
Transparent polyurethane 2-component coating	

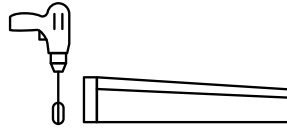
REMINDER

Although the specifications and instructions stated in this document have been compiled based on the best of our abilities, knowledge and experience, they should only be considered as indicative results and require verification following many applications. Product users must verify its suitability for the intended application. End-users assume sole responsibility for using the product.



TS 1

Floor levelling screed



Used as a mortar for smoothing-out and sealing concrete substrates before their coverage using tiles natural or artificial materials (such as parquets, floor linoleum etc.). Appropriate for external and internal applications.

Ensures very good adhesion and high compressive and flexural strength for common applications. Does not affect metallic elements.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with specifications EN 13813:2003 / C5-F2, grain sizes <2.4mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- Bag content is gradually added into clean water (approximately 6.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed.
- Layer thickness ranges between 3 cm and 10 cm. The second layer -should its application be deemed necessary or desirable- follows once at least 2-4 days have passed since the application of the first layer.
- Covering the surface of TS 1 must be done after a period of 4 weeks, so that the mortar can have adequately dried (this period depends on coating thickness, weather

conditions and substrate type). In any case, the moisture of the substrate must be less than 2% before its coating.

- Expansion grouts must be provided for large surfaces.
- During application of the cementitious coating on the substrate, extreme weather such as high winds, rain etc. should be avoided and the temperature must range between +5°C and +35°C.

CONSUMPTION

Approximately 14 kg/m² for a thickness of 1cm, depending on substrate type.

PACKAGING & STORAGE

- In 40 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

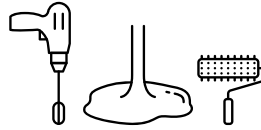
Specifications: EN 13813:2003 / C5-F2, grain sizes <2.4 mm

Grain size	0.0-2.4 mm	Consumption	~14.0 kg/m ²
Dry bulk density	~1,760 kg/m ³	Compressive strength	≥5.0 N/mm ²
Capillary water absorption (C_m)	~0.9 kg/m ² . min ^{0.5}	Flexural strength	≥2.0 N/mm ²

08

Screeds - Floors





MARMOFLOOR SL

Self-levelling screed



MARMOFLOOR SL is a self-cement mortar used for smoothing-out floors. Applied at a thickness of up to 10 mm providing a smooth and hard surface.

Used as a mortar for smoothing-out and sealing concrete substrates before their coverage using tiles or other materials (natural or artificial), such as parquets, floor linoleum, carpets etc.

Ensures excellent flattening and very high mechanical properties. Does not affect metallic elements. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with specification EN 13813 and is classified as a CT-C40-F10 product.

APPLICATION

- The substrate must be clean, stable and dry.
- Before applying MARMOFLOOR SL, the substrate must be primed using MARMOLATEX. The application follows once the primer has dried (after a few hours).
- The MARMOFLOOR SL bag content is gradually added into clean water (approximately 4.5-5.0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- Following, the mixture is poured onto the substrate and spread using a troweled metallic spatula or slurry-spreading device. Once the material is completely flattened, the surface is treated using a special spiky roll, to free any entrapped air.

This application stage is important, because following the exhaustion of the entrapped air, the product will be more dense once hardened and the creation of surface bursts shall be avoided.

- Covering the surface of MARMOFLOOR SL must be done after a period of 4 weeks, so that the mortar can have adequately dried (this period depends on layer thickness, weather conditions and substrate type). In any case, before coating, the coating moisture content should be less than 2%.
- Expansion grouts must be provided for large surfaces.
- During MARMOFLOOR SL's application, extreme weather such as high winds, rain etc. should be avoided and the temperature must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 1.5 kg/m²/mm, depending on substrate type.

PACKAGING & STORAGE

- In 25kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

08

Screeds - Floors

TECHNICAL SPECIFICATIONS

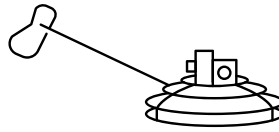
Specifications: EN 13813 / classification as a CT-C40-F10 product.

Appearance	Grey cementitious mortar	POT life	~45 minutes
Grain size	0.0-0.8 mm	Consumption	~1.5 kg/m ² /mm
Dry bulk density	~1980 kg/m ³	Compressive strength	≥40.0 N/mm ²
Fresh bulk density	~2,100 kg/m ³	Flexural strength	≥10.0 N/mm ²



QF 100 INDUSTRIAL

Industrial flooring surface hardener



QF 100 INDUSTRIAL is a cement mortar used as a surface-hardener on new industrial floorings. Following its application it attributes very high resistance to mechanical stress to the industrial flooring. Suitable for industrial floorings, storage spaces, basements etc. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with specification EN 13813 and is classified as a CT-C40-F10-A9 product.

APPLICATION

- The material is dispersed via dusting over the damp concrete (or cement mortar) when its hardening has already started (meaning when the concrete has already started to set).
- Following the material's dispersion, its integration into the concrete's surface follows via smoothing it out using a "helicopter".
- If mandated due to environmental conditions -especially during summer months- the surface is soaked at regular time intervals (both before and following the dusting process).

- During QF 100 INDUSTRIAL's application, extreme weather such as high winds, rain etc. should be avoided and the temperature must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 4 kg/m², for a surface-penetration thickness of approximately 3 mm.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 13813 / classification as a CT-C40-F10-A9 product.

Appearance	Grey cementitious mortar	Consumption	~4.0 kg/m ² /mm
Grain size	0.0-2.0 mm		
Dry bulk density	~2,040 kg/m ³	Compressive strength	≥40.0 N/mm ²
Fresh bulk density	~2,100 kg/m ³	Flexural strength	≥10.0 N/mm ²

08

Screeds - Floors





PROTECTOR SHIELD ACRYL

Protective acrylic water-based varnish

PROTECTOR SHIELD ACRYL is used as a final protective layer on cementitious surfaces (beton cire, self-levelling floors, concrete etc). It waterproofs the surface while simultaneously enhancing it with high mechanical strength as well as stain resistance.

Ideal for beton cire applications, as an intermediate layer before applying polyurethane varnish, to preserve the natural hue of the cementitious surface.

COMPOSITION & CHARACTERISTICS

Aqueous dispersion of acrylic resins.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.).
- It is recommended to mix the PROTECTOR SHIELD ACRYL well, to avoid the formation of bubbles. It is applied via roll or brush over one or two layers, depending on the absorption capacity of the substrate and the desired result.
- Application temperatures must range between +5 °C and +35 °C.

CONSUMPTION

100-200 gr/m², for one layer, depending on substrate type.

PACKAGING & STORAGE

- In 5 kg and 1kg containers.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.



08

Screeds - Floors
Impregnations

TECHNICAL SPECIFICATIONS

Texture	White, semi-transparent
Viscosity	100 mPa.s
Density	1.0 kg/l
pH	8-9



PROTECTOR SHIELD GLOSS

Transparent polyurethane two-component layer (2-C)



08

Screeds - Floors Varnishes

PROTECTOR SHIELD gloss is a brushable layer of acrylic/aliphatic polyurethane-based, two-component coating, used as a top layer (finishing) in floor and wall applications (beton cire, concrete, industrial floors, stones etc.), metallic surface paint as well as constructions near marine areas. Also suitable for swimming pools as a protective layer over the epoxy paint. It waterproofs the surface while enhancing it with high mechanical strength -especially with regards to friction and shock- as well as stain resistance. Finally, it offers excellent resistance to ultraviolet radiation and does not turn yellow. It polymerizes with the moisture of the atmosphere, the subsoil and the air and offers a shiny surface.

Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.). Old coatings, dirt, oils, vegetation formations and dust must be removed using an abrasive machine (sander). Any surface anomalies must be tended to and smoothed out. Any possible flimsy particles or dust created via the abrasion must be removed.

Attention: do not wash the surface with water prior to application.

- In the case of damp concrete, a minimum of 28 days are required prior to application of the material.
- The substrate moisture must not exceed 4%.
- PROTECTOR SHIELD gloss is ready for use following the mixing of the two components (for approximately 3 minutes) and once it is allowed to settle for another 5 minutes. It is applied using a roll in two layers.
- The workability time period of approximately 2 hours (25 °C).

- The time lapse between two coatings is 24 hours (25 °C).
- The time period that has to pass, in order to step-on the surface is 24 hours (25 °C).
- Application temperatures must range between +12 °C and +35 °C.

CONSUMPTION

125 gr/m², for one layer, depending on substrate type.

PACKAGING & STORAGE

- In a set of metallic containers, weighing 5kg (component A + B) and 1kg (component A + B).
- In sealed containers and in a dry environment, protected from frost and extended exposure to intense sunlight for 2 years (component A) and 12 months (component B) from the production date.

TECHNICAL SPECIFICATIONS

PROPERTY	RESULT
Consumption	125 gr/m ²
Application temperature	12-35 °C
Gloss 60°	90
Mixing ratio	3.6 A : 1.4 B
POE (Category AiD)	< 498 gr/lit (Limit: <500 gr/lit)
Final polymerisation time	7 days at 25 °C



PROTECTOR SHIELD MATT

Transparent polyurethane two-component layer (2-C)



PROTECTOR SHIELD matt is a brushable layer of acrylic/aliphatic polyurethane-based, two-component coating, used as a top layer (finishing) on floor and wall applications (beton cire, concrete, industrial floors, stones etc.), metallic surface paint as well as constructions near marine areas. Also suitable for swimming pools as a protective layer over the epoxy paint.

It waterproofs the surface while enhancing it with high mechanical strength -especially with regards to friction and shock- as well as stain resistance. Finally, it offers excellent resistance to ultraviolet radiation and does not turn yellow.

It polymerizes with the moisture of the atmosphere, the subsoil and the air and offers a matt surface.

Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.



APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.). Old coatings, dirt, oils, vegetation formations and dust must be removed using an abrasive machine (sander). Any surface anomalies must be tended to and smoothed out. Any possible particles or dust created via abrasion must be removed. **Attention: do not was the surface with water prior to application.**
- In the case of damp concrete, a minimum of 28 days are required prior to application of the material.
- The substrate moisture must not exceed 4%.
- PROTECTOR SHIELD matt is ready for use following the mixing of the two components (for approximately 3 minutes) and once it is allowed to settle for another 5 minutes. It is applied using a roll in two layers.

- The workability time period of approximately 2 hours (25 °C).
- The time required between two coatings is 24 hours (25 °C).
- The time period that has to pass, in order to step-on the surface is 24 hours (25 °C).
- Application temperatures must range between +12 °C and +35 °C.

CONSUMPTION

125 gr/m², for one layer, depending on substrate type.

PACKAGING & STORAGE

- In a set of metallic containers, weighing 5.2kg (component A + B) and 1kg (component A + B).
- In sealed containers and in a dry environment, protected from frost and extended exposure to intense sunlight for 2 years (component A) and 12 months (component B) from the production date.

TECHNICAL SPECIFICATIONS

PROPERTY	RESULT
Consumption	125 gr/m ²
Application temperature	12-35 °C
Gloss 60°	30
Mixing ratio	3.8 A : 1.4 B
POE (Category AiD)	< 498 gr/lit (Limit: <500 gr/lit)
Final polymerisation time	7 days at 25 °C

08

Screeds - Floors
Varnishes



BETON CIRE SYSTEM
MARMOFINISH®
BETON CIRE SYSTEM

09

SYSTEM PRODUCTS

Substrate preparation

PS PRIMER (20 kg, 5 kg, 1 kg).....	140
Waterproof acrylic primer	

Bottom layer

MARMOFINISH FW (25 kg).....	114
Beton cire - fibre-reinforced mortar	
Fibreglass 160 gr/m ²	

Top layer

MARMOFINISH FW FINAL (25 kg).....	116
Fine beton cire top-layer	
MARMOFINISH FW EXTRA FINE (25 kg).....	117
Ultra fine beton cire top-layer	
MARMOFINISH FW PASTE (25 kg).....	118
Paste beton cire	

Protective varnishes

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Transparent polyurethane 2-component varnish	

REMINDER

Although the specifications and instructions stated in this document have been compiled based on the best of our abilities, knowledge and experience, they should only be considered as indicative results and require verification following many applications. Product users must verify its suitability for the intended application. End-users assume sole responsibility for using the product.



APPLICATION SYSTEM
MARMOFINISH®
BETON CIRE SYSTEM

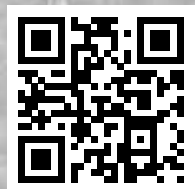
09

The modern version of the traditional!

The exciting veins as well as the interchanges in hues created by beton cire offer a unique aesthetic to floors and walls on indoor and outdoor areas. An ideal solution for easy and fast renovations- especially wherever a low application thickness is required- but also for new buildings. Its resistance to friction and ageing as well as its water-repellence render it ideal for built-in baths, furniture and kitchens, especially with regards to professional spaces, due to its increased application speed and its ease of cleaning.



Refer to the application video found either on our website or on youtube





MARMOFINISH FW

Beton cire fibre-reinforced mortar



09

Beton cire application system
MARMOFINISH - First layer

MARMOFINISH FW is a fibre-reinforced cement mortar used on indoor and outdoor areas as a smoothing-out mortar for floors and walls, but also for special constructions, such as built-in beds, tables, sinks, staircases as well as many other traditional or modern architecture applications.

Ensures very good mechanical properties, while providing excellent style.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

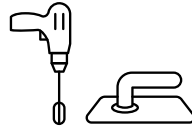
- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Complies with specifications EN 1504-2/MC-IR and EN 1504-3/R2, as a concrete surface protective and a concrete mortar repair medium.

APPLICATION

- The substrate must be clean and stable, while it is recommended for it to be primed using the waterproof quartz-filled primer PS PRIMER.
- Bag content is gradually added into clean water or into water in which the desired colour pigments have already been dissolved in (approximately 5,0lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- The application of MARMOFINISH FW follows, with a notched trowel (6-10 mm). Then, while the layer is still damp, a fibreglass mesh (reinforcement) is installed universally on the surface, so that the strips are cross covering each other by at least 10cm. Then, the reinforcement boxing follows, using a smooth spatula and while smoothing-out the surface, in a pressing fashion, so that the formation of bubbles in the material's internal parts is avoided.

- After 2-3 hours (depending on environmental conditions) and while the mortar's surface has begun to set, a second layer of MARMOFINISH FW is applied, using a smooth metallic spatula so that the surface is completely smoothed-out and so that the top layer can be integrated easier.
- Following at least 24 hours, the top layer of MARMOFINISH FW FINAL or MARMOFINISH FW EXTRA FINE or even MARMOFINISH FW PASTE, is applied, using a smooth metallic spatula in "pressing fashion" along the surface. It is important for the spatula to pass over the entire surface.
- During the top layer stage, more colour pigments can be added to the mixture, which, using the appropriate technique, will create veining in various tones on the final surface, creating a truly unique result.
- After 2-3 days, the polyurethane varnish PROTECTOR SHIELD (gloss or matt) is impregnated universally over the final coating surface, which enhances the final surface with regards to water-repellence, increased mechanical properties, stability and stain-resistance.
- The application of polyurethane varnishes usually changes the colour of the surface. Should that not be desirable, the application of an intermediate layer of PROTECTOR SHIELD ACRYL is recommended.
- Expansion grouts must be provided for large surfaces.





- During application, extreme weather, such as high winds, rain etc. should be avoided and the temperature must range between +5°C and +35°C.

CONSUMPTION

Approximately 1-2 kg/m² for a thickness of 1cm, depending on substrate type.

PACKAGING & STORAGE

- In 25kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2, EN 1504-3

Grain size	0.0-1.0 mm	Consumption	1-2 kg/m ² /mm
Dry bulk density	1,600 kg/m ³	Compression strength	>25.6 N/mm ²
Capillary water absorption (C_m)	<0.3 kg/m ² . h ^{0.5}	Flexural strength	>6.8 N/mm ²
Adhesion on concrete	>1.5 N/mm ²	Reaction to fire	Euroclass A1

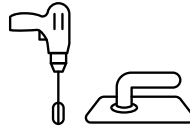
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Beton cire application system
MARMOFINISH - First layer



MARMOFINISH FW FINAL

Beton cure for floors and walls - top layer



MARMOFINISH FW FINAL is a cement mortar used on indoor and outdoor areas as a top layer for beton cure application system MARMOFINISH FW.

Ensures very good mechanical properties, while providing excellent style.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.



COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Complies with specifications EN 1504-2/MC-IR and EN 1504-3/R2, as a concrete surface protective and a concrete mortar repair medium.

various tones on the final surface, creating a truly unique result.

- After 2-3 days, the polyurethane varnish PROTECTOR SHIELD (gloss or matt) is impregnated universally over the final coating surface, which enhances the final surface with regards to water-repellence, increased mechanical properties, stability and stain-resistance.

APPLICATION

- The substrate (MARMOFINISH FW) must be dry, clean and hardened.
- The MARMOFINISH FW FINAL bag content is gradually added into clean water or into water in which the desired dye has already been dissolved in (approximately 5,0 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- Then, the application of MARMOFINISH FW FINAL follows, using a smooth spatula and while smoothing-out the surface, in a pressing fashion, so that the formation of bubbles in the material's internal parts is avoided. It is important for the spatula to cover the entire surface, coming into contact with all points.
- During MARMOFINISH FW FINAL application, more colour pigments can be added to the mixture, which, using the appropriate technique, will create veins in

The application of polyurethane varnishes usually changes the colour of the surface. Should that not be desirable, the application of an intermediate layer of PROTECTOR SHIELD ACRYL is recommended.

- Expansion grouts must be provided for large surfaces.
- During application, extreme weather, such as high winds, rain etc. should be avoided and the temperature must range between +5°C and +35°C.

CONSUMPTION

Approximately 1-2 kg/m² for a thickness of 1mm.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

09

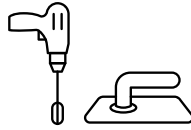
Beton cure application system
MARMOFINISH - Top layer

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2, EN 1504-3

Grain size	0.0-0.5 mm	Consumption	1-2 kg/m ² /mm
Dry bulk density	1,600 kg/m ³	Compression strength	>28.0 N/mm ²
Capillary water absorption (C_m)	<0.5 kg/m ² . h ^{0.5}	Flexural strength	>7.0 N/mm ²
Adhesion on concrete	>2.5 N/mm ²	Reaction to fire	Euroclass A1





MARMOFINISH FW EXTRA FINE

**Beton cire
for floors and walls - top layer**

MARMOFINISH FW EXTRA FINE is a cement mortar used in indoor and outdoor areas as a top-layer to the beton cire application system MARMOFINISH FW.

Ensures very good mechanical properties, while providing excellent style.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Complies with specifications EN 1504-2/MC-IR and EN 1504-3/R2, as a concrete surface protective and a concrete mortar repair medium.

APPLICATION

- The substrate (MARMOFINISH FW) must be dry, clean and hardened.
- The MARMOFINISH FW EXTRA FINE bag content is gradually added into clean water or into water in which the desired dye has already been dissolved in (approximately 5.0-5.5 lt/bag) while constantly mixing using an electric stirrer at low speed until a homogeneous mixture is formed. The mixture is allowed to stand for 5 minutes and is then stirred again prior to application.
- Then, the application of MARMOFINISH FW EXTRA FINE follows, using a smooth spatula and while smoothing-out the surface, in a pressing fashion, so that the formation of bubbles in the material's internal parts is avoided. It is important for the spatula to cover the entire surface, coming into contact with all points.
- During MARMOFINISH FW FINAL EXTRA FINE application, more colour pigments can be added to the mixture, which, using the

appropriate technique, will create veins in various tones and shades on the final surface, creating a truly unique result.

- After 2-3 days, the polyurethane varnish PROTECTOR SHIELD (gloss or matt) is impregnated universally over the final coating surface, which enhances the final surface with regards to water-repellence, increased mechanical properties, stability and stain-resistance.

- The application of polyurethane varnishes usually changes the colour of the surface. Should that not be desirable, the application of an intermediate layer of PROTECTOR SHIELD ACRYL is recommended.

- Expansion grouts must be provided for large surfaces.

- During application, extreme weather such as high winds, rain etc. should be avoided and the temperature must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 1.5 kg/m² for a thickness of 1 mm.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.



09

Beton cire application system
MARMOFINISH - Top layer

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2, EN 1504-3

Grain size	0.0-0.1 mm	Consumption	1.5 kg/m ² /mm
Dry bulk density	1,500 kg/m ³	Compression strength	>20.0 N/mm ²
Capillary water absorption (C_m)	<0.5 kg/m ² . h ^{0.5}	Flexural strength	>5.0 N/mm ²
Adhesion on concrete	>2.5 N/mm ²	Reaction to fire	Euroclass A1



MARMOFINISH FW PASTE

Paste pressed coating for floors and walls



09

Beton cire application system
MARMOFINISH - Top layer

MARMOFINISH FW PASTE is an acrylic colourable coating suitable for use with floors and walls with a final beton cire style. Used at indoor and outdoor areas as a top layer for the creation of a very smooth surface. Suitable for the smoothing-out of floors and walls, for special constructions, such as built beds, sinks, staircases as well as for many traditional or modern architecture applications.

Ensures very good mechanical properties, flexibility and resistance to expansions and contractions, while providing excellent style.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of acrylic dispersions, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with specifications: EN 1504-2, as surface concrete protection.

APPLICATION

- The substrate must be stable, dry, crack-free, fully even, clean, without any residues (plasters, dust, paint, oils etc.). Rough substrates with 2-3 mm fillings, are recommended to be flattened via the basic, pressurable fibre-reinforced cement mortar MARMOFINISH FW via a boxed fibreglass mesh.
- High-absorption substrates, depending on their roughness, are recommended to be primed using SUPER BOND or BIOPRIMER. Surfaces with special waterproofing requirements are recommended to be primed using PS PRIMER. Primers must have dried-out well prior to application of the paste.
- The product is mixed thoroughly at low speeds and applied using a smooth, metallic spatula over two very thin layers (<0.5 mm per layer). The second follows once the first had dried-out.

- Intense "veins" and shadows are created using repeated pressings of the spatula. It is recommended for the "pressings" to be performed using a small, rectangular, rounded-edge spatula.

- Once the final surface has dried-out well, it is reinforced and protected using the PROTECTOR SHIELD gloss or matt varnish.

- During application, extreme weather, such as high winds, rain etc. should be avoided and the temperature must range between +5°C and +35°C.

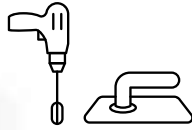
CONSUMPTION

Approximately 1.5 kg/m² for a thickness of 1mm.

PACKAGING & STORAGE

- In 25 kg containers on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened containers.

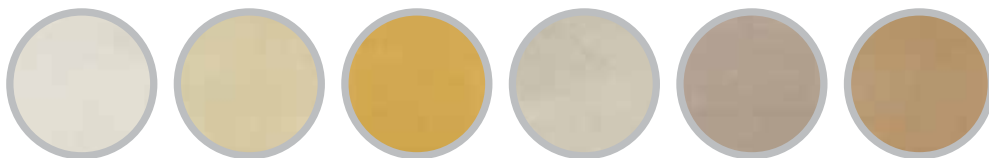




TECHNICAL SPECIFICATIONS

Specifications: EN 1504-2

Appearance	Mortar in paste	Consumption	~1.5 kg/m ² /mm
Grain size	<0.5 mm	Abrasion resistance	AR0.5
Dry bulk density	1650 kg/m ³	Impact resistance	IR1.7
Capillary water absorption	<0.1 kg/m ² ·h ^{0.5}	Shore D hardness	80
Adhesion on concrete	>2.5 N/mm ²	Reaction to fire	Euroclass F



Y1 Yellow beige Y2 Yellow light Y3 Yellow ochre B1 Brown milky B2 Brown light B3 Brown Cacao



G Grey dark GB Grey blue S Sand rose S1 Rose light R1 Red minoan

09

Beton cire application system
MARMOFINISH - Top layer



Construction – Repair

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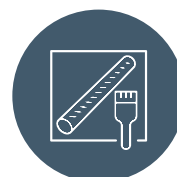
REMINDER

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CORRO PROTECT

Concrete reinforcement anti-corrosion protection (red)



CORRO PROTECT is used as a protection mortar for concrete reinforcement against corrosion, as well as for concrete reinforcements expected to withstand high-moisture conditions. Provides a strong, long-term anti-corrosive protection even in cases of advanced oxidation. Suitable for bonding old and new cement. It withstands long-term exposure to external conditions, sunlight radiation and offers high performance.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

Anti-corrosive protection mortar, with selected grain sizes and special improver additives.

APPLICATION

- The reinforcement must be clean, without dust, oils, rust etc.
- The container content, 1 kg CORRO PROTECT, is added while constantly mixing into a clean container with 350 gr of clean water. It is stirred very well for approximately 3 minutes using a mixer at low speeds until a homogeneous mixture is formed. The mixture has to stand for 5 minutes and is then stirred again prior to application.
- The first layer is applied and once it dries well, apply the second one.
- The application temperature must be above +5 °C.

NOTES

- The final drying-out of the product is effected over 7 days.
- Tool cleaning is performed using plenty of soap and water. Hardened materials are removed mechanically.

CONSUMPTION

- 50-70 gr/linear meter of reinforcement for 2 layers of a total thickness of 1mm
- 1.3-1.5 kg/m² bonding old and new cement.

PACKAGING & STORAGE

- In 1kg containers.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

10

Repair – Restoration

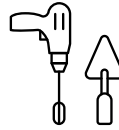
TECHNICAL SPECIFICATIONS

Form	Mortar
Amount of water used for mixing	35 %
Density (EN ISO 2811-1: 12011)	1.54 kg/lit
Consumption	250-350 gr/m ²
Pot life	60 minutes (35°C)
Vitreous temperature condition Tg (EN 12614:2004)	318, 0 °K
Adhesion (EN 24624:2003)	>0.5 MPa



REFIXCEM

Fibre-reinforced, high-strength repair mortar



REFIXCEM is used as a repair mortar for very high strength works, such as concrete element repairs or for anchoring structural elements. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with specifications: EN 1504-3 / R3, grain sizes <2.4 mm.

thickness of up to 6.0 cm in consecutive layers of < 3 cm.

- During application, the temperature must range between +5 °C and +35 °C.

APPLICATION

- The substrate must be clean and stable and it is recommended to drench it with water prior to application.
- Bag content is mixed with clean water (approximately 4.0 lt/bag) using an electric stirrer at low speed or a conventional cement mixer until a homogeneous mixture is formed.
- The mixture remains workable for approximately 1 hour (depending on ambient temperature). It is applied by trowel and spatula, as if using a normal plaster, at a

CONSUMPTION

Approximately 19 kg/m², for an application thickness of 1.0 cm, depending on the substrate.

PACKAGING & STORAGE

- In 25 kg & 5 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

10

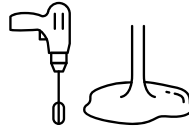
Repair – Restoration

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-3 / R3. Grain size <2.4 mm

Grain size	0.0-2.4 mm	Capillary water absorption (C_m)	0.11 kg/m ² .h ^{0.5}
Dry bulk density	1,700 kg/m ³	Adhesion on concrete	≥4.0 N/mm ²
Consumption	19 kg/m ²	Compressive strength	≥45 N/mm ²
Pot life (20°C)	1 hour	Flexural strength	≥10 N/mm ²





REFIFLOW

Moulded, high-strength repair mortar



REFIFLOW is used as a repair mortar for very high strength works, such as concrete element repairs or for anchoring structural elements. Its liquidity render it ideal for filling moulds or gaps at works concerning a construction's feature organism's elements.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with the following specifications: EN 1504-3 / R4. Grain sizes <5.0mm.

APPLICATION

- The substrate must be clean and stable and it is recommended to drench it with water prior to application.
- Bag content (25 kg) is gradually added into clean water (approximately 3.5 lt/bag) while using an electric stirrer at low speed until a homogeneous mixture is formed.
- The mixture created features increased liquidity, so that it can be poured into the mould. Pouring is performed carefully to avoid the entrapment of air.
- The minimum application thickness is 1cm.

- The maximum application thickness must range between 6-8 cm.
- The mixture remains workable for approximately 1 hour (depending on ambient temperature).
- During application, the temperature must range between +5°C and +35°C.

CONSUMPTION

Approximately 20-22 kg/m², for an application layer of 1 cm, depending on the substrate.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

10

Repair – Restoration

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-3 / R4. Grain sizes<5.0mm

Grain size	0.0-5.0 mm	Capillary water absorption (C_m)	≤0.5 kg/m ² .h ^{0.5}
Dry bulk density	2,200 kg/m ³	Adhesion to concrete	≥2.0 N/mm ²
Consumption	20-22 kg/m ²	Compressive strength	≥65 N/mm ²
Pot life (20°C)	1 hour	Flexural strength	≥9.0 N/mm ²



MD 10

Masonry slurry



MD 10 is used for masonry construction comprised of conventional clay bricks, cement bricks and decorative bricks of any type and size. Can also be used for various minor repair works. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality grey cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with the following specifications: EN 998-2:2010, M2,5, W2. Grain size <2.4mm.

APPLICATION

- The substrate must be clean and stable and it is recommended to drench it with water prior to application.
- Bag content is mixed with clean water (approximately 5.5-6.0 lt/bag) using an electric stirrer at low speed or a traditional mixer until a homogeneous mixture is formed. The mixture remains workable for approximately 3 to 4 hours (depending on ambient temperature). Must be mixed periodically, without adding extra water. The mixture is applied using a simple or notched trowel.

- The application of the pulp and the placement of the structural elements in their final position should be completed within a maximum of 10-12 minutes.
- The final surface must be protected from rapid water loss and extreme weather conditions. If necessary, soaking the surface using clean water may be required.
- During application, the temperature must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 13-15 kg/m², depending on brick sizes.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

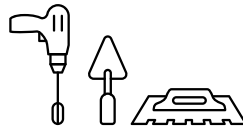
Specifications: EN 998-2:2010, M10, W2. Grain sizes<2.4mm

Grain size	0.0-2.4 mm	Consumption	13.0-15.0 kg/m ²
Dry mortar bulk density	1,600 kg/m ³	Compressive strength	4.0 N/mm ²
Capillary water absorption (C_m)	0.06 kg/m ² . min ^{0.5}	Flexural strength	1.4 N/mm ²

10

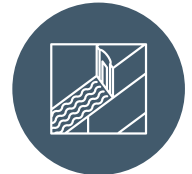
Construction – Repair
Building component construction





POROBOND 50

Mortar for autoclaved aerated concrete blocks



POROBOND 50 is used as a bonding mortar during masonry construction using autoclaved aerated concrete blocks as well as any type of porous construction material. Also used for sealing grouts and smoothing out their surfaces. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with the following specifications: EN 998-2:2003, M10, W2. Grain size <0.7 mm.

APPLICATION

- The substrate must be clean, stable and dry.
- Bag content is mixed with clean water (approximately 5.5-6.0 lt/bag) using an electric stirrer at low speed or a traditional mixer until a homogeneous mixture is formed. The mixture remains workable for approximately 3 to 4 hours (depending on ambient temperature). Must be mixed periodically, without adding extra water. The mixture is applied using a simple or notched trowel.

- The application of POROBOND 50 and the placement of the structural elements in their final position should be completed within a maximum of 10-12 minutes.
- The final surface must be protected from rapid water loss and extreme weather. If necessary, soaking the surface using clean water may be required.
- During application, the temperature must range between +5 °C and +35 °C.

CONSUMPTION

5.0-8.0 kg for 1 m² of wall, depending on the type and size of the structural elements.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

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Construction - Repair
Building component construction

TECHNICAL SPECIFICATIONS

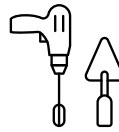
Specifications: EN: EN 998-2:2003, M10, W2. Grain size <0.7 mm

Grain size	0.0-0.7 mm	Consumption	2.5-4.0 kg/m ²
Dry bulk density	1,500 kg/m ³	Compressive strength	≥ 28.6 N/mm ²
Capillary water absorption (C_m)	0.2 kg/m ² . min ^{0.5}	Flexural strength	≥ 5.4 N/mm ²



STONEFIX 20

Natural stone mortar



STONEFIX 20 is used for installing marble plaques and various natural stones to the traditional building method of yards/masonries etc., residences with hewn stones and for grouting the above building materials. Can be applied to conventional substrates of concrete, light concrete, on cementitious coatings etc.

Provides very good adhesion, high compressive and flexural strengths, as well as high resistance to temperature variations.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with the following specifications: EN 998-2:2010.

- During application of the mortar (and for several hours later), extreme weather, such as high winds, rain, dust, direct sunlight etc., must be avoided and temperatures must range between +5 °C and +35 °C.

APPLICATION

- The substrate must be clean, stable and dry.
- Bag content is mixed with clean water (approximately 4.0-5.0 lt/bag) using an electric stirrer at low speed or a traditional mixer or a conventional automatic mortar mixer until a homogeneous mixture is formed. Following, the mixture is ready for use.
- If the substrate is covered by a coating, its moisture must be less than 2.5% prior to application of the STONEFIX 20 mortar.

CONSUMPTION

- Plaque installation:** Approximately 10 kg/m² for a thickness of 1 cm, depending on substrate's and the natural stones' types and sizes.
- Masonry:** Approximately 12-16 kg per 1 m² of masonry according to the natural stones' size and type.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

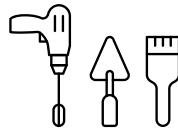
Specifications: EN 998-2:2010

Grain size	0.0-2.4 mm	Consumption		10-16 kg/m ²
		Grouting (20°C)	Floors	1-2 days
Dry bulk density	1,600 kg/m ³	Adhesion		2.8 N/mm ²
Capillary water absorption (C _m)	<0.5 kg/m ² ·min ^{0.5}	Compressive strength		4.2 N/mm ²
Water vapour transmission coefficient (μ)	15/35	Flexural strength		1.9 N/mm ²

10

Construction – Repair
Marble slurry





ROOF CEM

Fibre-reinforced mortar for ridges



ROOF CEM is used as a repair mortar for roof works, such as bonding ridges, securing antefixes etc. Its very high strengths make it suitable for various repair works. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mixture of high-quality white cement, crushed marble with selected grain sizes, enriched with special improver additives.
- Conforms with specifications: EN 1504-3 / R2 as a repair mortar. Grain size <2.4 mm.

APPLICATION

- The cementitious or tiled substrate must be clean and stable; soaking prior to application also recommended.
- Bag content is mixed with clean water (approximately 4.5-5.0 lt/bag) using an electric stirrer at low speed or a traditional mixer until a homogeneous mixture is formed.
- The mixture remains workable for approximately 2 hours (depending on the temperature of the environment). Applied

using a trowel and grouts are cleaned and smoothed-out using a slightly wet paint brush.

- During application, the temperature must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 15 kg/m², for a thickness layer of 1.0 cm, depending on the application.

PACKAGING & STORAGE

- In 25 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

10

Construction - Repair
Ridge installation

TECHNICAL SPECIFICATIONS

Specifications: EN 1504-3 / R2. Grain size <2.4 mm

Grain size	<2.4 mm	Capillary water absorption (C_m)	<0.5 kg/m ² .h ^{0.5}
Dry bulk density	1,700 kg/m ³	Adhesion on concrete	≥2.0 N/mm ²
Consumption	15 kg/m ²	Compressive strength	≥15 N/mm ²
Pot life	1 hour	Flexural strength	≥6 N/mm ²



11

Stuccos

Resinous cementitious stuccos

SPATULA 100 (20 kg).....	130
SPATULA 300 (20 kg).....	131

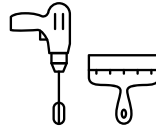
REMINDER

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SPATULA 100

Resinous cementitious stucco



SPATULA 100 is used for smoothing-out and levelling wall surfaces, for indoor and outdoor applications. Intended for use over conventional and prepared plasters and for restoring or repairing old plastered surfaces. Also recommended for small-scale repairs and dealing with small cracks on plastered surfaces. Final surfaces can be painted easily. Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with European standards: EN998-1:2010 & EN1504-3:2006 / CSIV, W2 & R2, grain size <0.1mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- On recently plastered surfaces, the application of SP 100 is recommended after at least seven days (the waiting period varies depending on weather conditions).
- Bag content is gradually added into clean water (approximately 6.0-6.4 lt/bag) while using an electric stirrer at low speed until a homogeneous mixture is formed.
- The mixture is applied at a thickness of 1-2mm, depending on the surface, over one or two layers, using a spatula or a featheredge.

The second layer is applied only following the complete setting of the first layer. No further processing of the surface is required. If necessary, the surface can be smoothed out the following day using a rasp.

- For excellent results, economy and increased application speed, apply the first layer using a metallic hawk and the second layer using a spatula.
- During application, the recommended temperature is between +5°C and +35°C.

CONSUMPTION

Approximately 1.0-1.2 kg/m² for a layer thickness of 1mm, depending on the substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

TECHNICAL SPECIFICATIONS

Specifications: EN 998-1:2010 & EN1504-3:2006 / CSIV, W2 & R2. Grain size <0.1mm

Grain size	0.0-0.1 mm	Consumption	1.0-1.2 kg/m ²
Dry bulk density	1,600 kg/m ³	Adhesion	≥2.0 N/mm ²
Capillary water absorption (C _m)	<0.01 kg/m ² · min ^{0.5}	Compressive strength	≥ 11.8 N/mm ²
		Flexural strength	≥ 3.4 N/mm ²

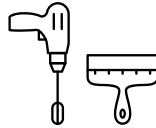
⊗ ATTENTION: The SPATULA 100 plaster must not be used in the following situations:

- On gypsum walls or gypsum plasters, unless a layer of acrylic primer has been previously applied.

11

Stuccos





SPATULA 300

Resinous cementitious
stucco



SPATULA 300 is used for smoothing-out and levelling wall surfaces, at internal applications. Intended for use over conventional and prepared plasters and for restoring or repairing old plastered surfaces. Also recommended for small-scale repairs and dealing with small cracks on plastered surfaces. Final surfaces can be painted easily.

Homogeneous ready-to-mix industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Mortar of high-quality white cement, crushed marble with selected grain sizes, enriched with polymers and other improver additives.
- Conforms with the following European standards: EN998-1:2010 & EN1504-3:2006 / CSIII, W2 & R1, grains sizes <0.7mm.

APPLICATION

- The substrate must be clean and stable, soaking prior to application also recommended.
- On recently plastered surfaces, the application of SP 300 is recommended after at least seven days (the waiting period varies depending on weather conditions).
- Bag content is gradually added into clean water (approximately 5.6-6.0 lt/bag) while using an electric stirrer at low speed until a homogeneous mixture is formed.
- The mixture is applied at a thickness of 2-3 mm, depending on the surface, over one or two layers, using a spatula or a featheredge. The second layer is applied only following the complete setting of the first

layer. No further processing of the surface is required. If necessary, the surface can be smoothed out the following day using a rasp.

- For excellent results, economy and increased application speed, apply the first layer using a metallic hawk and the second layer using a spatula.
- During application, the recommended temperature is between +5 °C and +35 °C.

CONSUMPTION

Approximately 1.0-1.5 kg/m² for a layer thickness of 1 mm, depending on the substrate.

PACKAGING & STORAGE

- In 20 kg bags, on pallets.
- In a dry frost-free area, for 12 months from the production date, in unopened bags.

11

Stuccos

TECHNICAL SPECIFICATIONS

Specifications: EN 998-1:2010 & EN 1504-3:2006 / CSIII, W2 & R1. Grain size <0.7 mm

Grain size	0.0-0.7 mm	Consumption	1.0-1.5 kg/m ²
Dry bulk density	1,360 kg/m ³	Adhesion	≥1.7 N/mm ²
Capillary water absorption (C _m)	<0.01 kg/m ² . min ^{0.5}	Compressive strength	≥ 5.0 N/mm ²
		Flexural strength	≥ 1.5 N/mm ²

⊗ ATTENTION: The SPATULA 300 plaster must not be used in the following situations:

- On gypsum walls or gypsum plasters, unless a layer of acrylic primer has been previously applied.



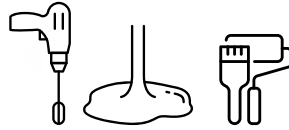
12

Liquids - Admixtures

MARMO LATEX (18 kg, 5 kg, 1 kg)	133
Building resin	
MARMO PLUS (18 kg, 5 kg, 1 kg)	134
Bonding latex	
MARMO FLOW (18 kg, 5 kg, 1 kg)	135
Asbestos substitute	

REMINDER

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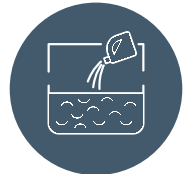


MARMO LATEX

Building resin

MARMO LATEX is an aqueous dispersion of polymer elements which when added to traditional plasters, mortars, construction slurries, insulation plaque bonding mortars etc provides high elasticity and adhesion, workability, waterproofing, resistance to friction, contraction and elimination of the possibility of cracking. It is suitable for use as a cementitious mortar primer on cementitious mortars.

Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.



COMPOSITION

- Aqueous polymer dispersion solution.

APPLICATION

- MARMO LATEX is stirred well and added once diluted with water into the mixing machine before adding cement and fillers to avoid the formation of lumps.
- Application temperatures between +5 °C and +35 °C.

PACKAGING & STORAGE

- In 18 kg, 5 kg, 1kg containers on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

APPLICATION EXAMPLES

- Waterproof elastic plasters

The dry mortar is mixed with MARMO LATEX diluted using water at a ratio (MARMO LATEX/water) of 1:2 to 1:4

• Waterproof elastic cement mortars

The dry mortar is mixed with MARMO LATEX diluted using water at a (MARMO LATEX/water) ratio of 1:3

• Insulation board bonding mortars

The dry mortar is mixed with MARMO LATEX diluted using water at a (MARMO LATEX/water) ratio of 1:2

• Repair mortars

The dry mortar is mixed with MARMO LATEX diluted using water at a (MARMO LATEX/water) ratio of 1:3

12

Liquids – Admixtures

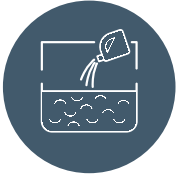
TECHNICAL SPECIFICATIONS

Colour	White
Viscosity	900 mPa.s
Density	1.1 kg/l
pH	8-9



MARMO PLUS

Reinforcement latex



MARMO PLUS is an aqueous polymer element dispersion which when added to tile adhesives and joint grouts offers high elasticity and adhesion, waterproofing, resistance to friction, contraction and resistance to chemical attack. Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

12

Liquids – Admixtures

COMPOSITION

- Aqueous polymer dispersion solution.

APPLICATION

- MARMO PLUS replaces up to 30% of the water required to hydrate the mortar.
- The application temperature during the application must range between +5 °C and +35 °C.

PACKAGING & STORAGE

- In 18 kg, 5 kg, 1 kg containers on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

TECHNICAL SPECIFICATIONS

Colour	White
Viscosity	100 mPa.s
Density	1.0 kg/lt
pH	8-9





MARMO FLOW

Asbestos substitute

MARMO FLOW is a liquid cement mortar admixture which replaces asbestos entirely while offering the former increased cohesion and adhesion, better workability while simultaneously eliminating problems created by the use of low-quality asbestos (butterflies). Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION

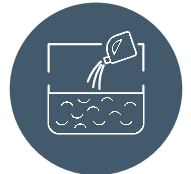
• Aqueous plasticiser and special enhancement additive solution. Does not contain corrosive ingredients.

APPLICATION

- MARMO FLOW is added to the mixing machine following the addition of water at the following ratio:
- For plasters: 75 ml MARMO FLOW / 25 kg of cement
- For construction slurries: 50 ml MARMO FLOW / 25 kg of cement.

PACKAGING & STORAGE

- In 18 kg, 5 kg, 1kg containers on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.



12

Liquids – Admixtures

TECHNICAL SPECIFICATIONS

Colour	Brown/ Sub-white
Viscosity	50 mPa.s
Density	1.0 kg/l _t
pH	8-9



13

Primers

A) Primers without fillers

SUPER BOND PRIMER (20 kg, 5 kg, 1 kg)	137
High strength	
BOARD PRIMER (18 kg, 5 kg)	138
Deep-penetration primer, waterproofer-stabilizer	

B) Quartz-filled primers

BIOPRIMER (17 kg, 4 kg)	139
Paste plaster adhesion	
PS PRIMER (20 kg, 5 kg, 1 kg)	140
High strength waterproof	
MARMOCONTACT (20 kg, 5 kg, 1 kg)	141
Mortar adhesion	

REMINDER

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SUPER BOND PRIMER

**High strength
adhesion primer (red)**



SUPER BOND PRIMER is used as a primer for adhesion enhancement. Suitable for indoor and outdoor surfaces.

Ideal as a primer for restoring surfaces with existing tile layers, as well as for any type of substrate on which cementitious smoothing-out systems shall be applied (tile adhesives, cement mortars, self-levelling floors etc) and where a high resistance to adhesion is required. Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION

- Water-based polymer dispersion solution, enriched with special improver additives.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.)
- The content of the plastic container must be stirred well prior to application.
- In the case of absorbent substrate the dilution of SUPER BOND PRIMER is recommended using clean water at a ratio not exceeding 1:2 (1 part WATER: 2 parts SUPER BOND PRIMER).
- Applied to surfaces using a roll or brush.

- The coated surface is ready for use once it has dried after 1-2 hours, depending on weather conditions and substrate type.
- Application temperatures must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 100-150 gr/m², depending on substrate type.

PACKAGING & STORAGE

- In 20 kg, 5 kg, 1 kg containers on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

13

Primers- without fillers

TECHNICAL SPECIFICATIONS

Texture	Thick liquid
Density	1.05 kg/lit
Water absorption	W<0.1 kg/m ² . h ^{0.5} (W3)
Water vapour permeability	s _d <0.14m (V1)
pH	8-9
Adhesion to concrete	>4.0 MPa



BOARD PRIMER

Acrylic, deep-penetration plaster adhesion primer



BOARD PRIMER is applied as a primer at gypsum boards or cement boards, at old masonries as well as on highly absorbent surfaces (autoclaved aerated concrete etc) or brittle surfaces. Provides water-repellence, deep substrate penetration and simultaneously increases its stability. Thereby creating the ideal conditions for application on these top layer plaster surfaces, tile adhesives, colour etc. It is suitable for all cementitious decorative, coloured or white plasters as well as spatula-processed surfaces.

Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION & CHARACTERISTICS

- Aqueous dispersion mixture of acrylic and siliceous nano-scale polymers.

APPLICATION

- The substrate must be clean, stable and dry.
- BOARD PRIMER is stirred well before use and can be applied as-is.
- It is mixed with clean water at a ratio of 1:1 to 1:4 depending on the substrate's absorption capacity or the scale of its surface degradation.
- The resulting mixture is easily applied using a roll, a brush or a spraying device via one or two applications.
- The primed surface is ready once BOARD PRIMER has completely dried (depending on weather conditions and substrate type).

- The application temperature during the application must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 100 gr/m², depending on dilution and substrate type.

PACKAGING & STORAGE

- In 18 kg, 5 kg containers on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

13

Primers- without fillers

TECHNICAL SPECIFICATIONS

Colour	White, semi-transparent
Viscosity	100 mPa.s
Density	1.0 kg/lit
pH	8-9





BIOPRIMER

Quartz-filled plaster adhesion primer colourable

BIOPRIMER is used as a primer for enhancing the adhesion of smooth low-absorption surfaces (fair faced beton, metallic surfaces etc.) as well as absorbent or slightly and strictly superficially-degraded surfaces (gypsum boards, old plasters etc.). Suitable for indoor and outdoor surfaces. BIOPRIMER combines deep substrate penetration with the creation of a grained film. Can be painted in the hue of the overlaying decorative plaster and ensures its uniform drying. Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.



COMPOSITION & CHARACTERISTICS

- Water-based polymer dispersion solution, enriched with quartz-filled sand of selected grain sizes and special improver additives.

APPLICATION

- The substrate must be clean, stable and dry.
- The content of the plastic container must be stirred well prior to application. It can be diluted using up to 20% water. If diluted, it is recommended for the content to be consumed within 2-3 days. The separation of phases within these time limits, following dilution, does not affect the product properties. Thorough mixing is recommended in this case.
- Applied on surfaces using a roll, brush or the special automatic spraying device.

- The coated surface is ready for use once it has dried after 4-8 hours, depending on weather conditions and substrate type.
- Application temperatures must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 250-350 gr/m², depending on layer thickness, dilution and substrate type.

PACKAGING & STORAGE

- In 17 kg and 4 kg containers, on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

13

Quartz-filled- Primers

TECHNICAL SPECIFICATIONS

Texture	Paste
Grain size	0.0-0.7 mm
Density	1.40 kg/lt
Consumption	250-350 gr/m ²
pH (ISO 787-9)	8-9
Adhesion (EN 24624:2003)	>0.5 MPa
Water absorption (EN 1062-3:2001)	0.47 kg/m ² .min ^{0.5}
Water vapour permeability (EN ISO 7783-2:2001)	<13 gr/(m.d) → S _d <0.16



PS PRIMER

Waterproof, quartz-filled, high strength adhesion primer (brown)



13

Quartz-filled- Primers

PS PRIMER is used as a primer for enhancing the adhesion and water-repellence of surfaces. Suitable for indoor and outdoor surfaces.

Once applied, a layer of optimum adhesion is formed, featured high mechanical strength and complete water-repellence. Ideal as a primer for surfaces on which waterproofing systems, beton cire etc. will be used.

It features outstanding resistance to permanent humidity and can remain exposed to the external environment without risk of rain damage.

Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION

Water-based polymer dispersion solution, enriched with quartz-filled sand of selected grain sizes and special improver additives.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.).
- The content of the plastic container must be stirred well prior to application. Further dilution of the content with water is not recommended.
- Applied on surfaces using a roll, brush or the special automatic spraying device.
- The coated surface is ready for use once it has dried after 4-6 hours, depending on weather conditions and substrate type.

- Application temperatures must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 200-300 gr/m², depending on the layer's thickness.

PACKAGING & STORAGE

- In 20 kg, 5 kg, 1 kg containers on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

TECHNICAL SPECIFICATIONS

Texture	Viscous liquid
Grain size	0.0-0.5 mm
Density	1.35 kg/lit
Water absorption	$W < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5} \text{ (W}^2\text{)}$
Water vapour permeability	$s_d < 0.14 \text{ m (V1)}$
pH	7-8
Adhesion to concrete	>3.0 MPa





MARMOCONTACT

Quartz-filled plaster adhesion primer (red)



MARMOCONTACT is used as a primer for adhesion enhancement of smooth, low-absorption surface (fair faced beton, metallic surfaces, old plasters etc.). Suitable for indoor and outdoor surfaces.

Homogeneous ready-to-use industrial product with consistently high quality. Ensures proper workability, increased application speed, is cost-effective with excellent results.

COMPOSITION

- Water-based polymer dispersion solution, enriched with quartz-filled sand of selected grain sizes and special improver additives.

APPLICATION

- The substrate must be stable, dry, clean, without any residues (plasters, dust, paint, oils etc.)
- The content of the plastic container must be stirred well prior to application. Further dilution of the content with water is not recommended.
- Applied on surfaces using a roll, brush or the special automatic spraying device.
- The coated surface is ready for use once it has dried after 4-6 hours, depending on weather conditions and substrate type.

- Application temperatures must range between +5 °C and +35 °C.

CONSUMPTION

Approximately 250-350 gr/m², depending on the layer's thickness.

PACKAGING & STORAGE

- In 20 kg, 5 kg, 1kg containers on pallets.
- In sealed containers in a dry environment, protected from frost and extended exposure to intense sunlight, for 12 months from the production date.

13

Quartz-filled- Primers

TECHNICAL SPECIFICATIONS

Texture	Light red paste
Grain size	0.0-0.7 mm
Density	1.45 kg/lt
Consumption	250-350 gr/m ²
pH (ISO 787-9)	8-9
Adhesion (EN 24624:2003)	>0.5 MPa
Water absorption (EN 1062-3:2001)	0.47 kg/m ² .min ^{0.5}
Water vapour permeability (EN ISO 7783-2:2001)	<12 gr/(m.d)



5-star solutions!

RENOVATION

Hotel

Justifiably, tourism is considered Greece's "heavy industry". Millions of tourists from all over the world visit every corner of Greece throughout the year.

They come for the sun, sea and culture - they should leave with fond memories.

MARMODOM offers an unparalleled product range of building materials for a wide application field and EAGLE S.A. can guarantee a highly aesthetic appearance by providing a huge marble and granite selection to every type of hotel unit.

We offer specialised, certified solutions for any type of hotel unit under construction or restoration.

Our outstanding technical knowledge and vast experience form the foundation of the trustful relationships we have built ever since our entry into the marketplace.

And that is because beginning with the last corner of any room, your hotel's image is worth nothing less than the best.

For the best choice for your guests MARMODOM is your ideal solution!





14

Accessories

- Expanded polystyrene EPS
- Expanded graphite polystyrene EPS
- Extruded polystyrene EPS
- Rock wool WOOL
- PVC Fibreglass mesh 160 gr/m²
- PVC anchors with nail
- PVC Corner bead with net
- PVC Drips
- Galvanised plaster driver
- Galvanised corner bead
- Gypsum board (simple/ water-resistant)
- Fibre board
- Cement board
- Geotextile



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