Product Categories

MARMOLINE MONOSIS External Thermal Insulation Composite System (ETICS)  
Sealing / Water Insulation / Bituminous Products

DÉCOR Emulsion & Acrylic Paints  
Enamel Paints & Primers (Water & Alkyd)  
Decorative Cement Screed / Paints & Varnishes for Special Applications  
Masonry & Decorative Stucco

Ready Plasters / Flooring Preparation / Repair Materials

Concrete Repair & Protection

Adhesives for Tiles / Marbles / Granites _ Grouts

Silo / Application Machinery
MARMOLINE, 1998 - 2018. 20 Years
Our new products
Industrial specialization
Our people
Our environmental commitment
NORDIA S.A.
The composition of MARMOLINE Building Materials
MARMOLINE quality and guarantee

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In 1998 we created the mortar plant in Dionyssos, Greece. Dionyssos marble dust, a distinctive raw material in most of our products up to today, was a powerful trigger to create the ready-to-use mortar product line with an emphasis on ready-to-use plasters and adhesives.

During these 20 years, we have expanded our production facilities in Malakasa, Greece, doubled our number of employees, invested in their continuous education and knowledge, listened to our customers and renewed our brand and corporate identity. We created the base to enrich our product range, focusing on the renovation, decoration and insulation of the building. At the same time, we managed to improve and update our established products (ready mortars, plasters and adhesives).
We constantly focus on building loyal, long-lasting relationships with our customers and installers, working on both after sales services of our products, as well as the proper training of the installers and engineers through seminars and workshops. All of this is supported by a strong technical solutions department, to ensure that our customers are offered high-quality products that cover their demands both short term and long term.

**Thermal Insulation Products _ Waterproofing Products _ Sealants.**
Our aim is to provide integrated and definite solutions for every new construction and to any problem that may arise with regard to insulation – sealing.

**Décor: Decorative Coatings _ Styles & Textures _ Paints.**
Décor products’ line offers modern solutions for decorative finishing materials, styles & textures and paints, including all the necessary materials for preparation and protection of the surfaces. Every modern idea and traditional practice can easily come true with the Décor products.

**Concrete repair and protection products.**
Highly specialized and durable cementitious and epoxy products that meet the “profound” needs of every construction and renovation, ensuring that the job is done securely and correctly at all stages.

**Ready Mortars, Plasters and Tile Adhesives.**
MARMOLINE’s traditional product line. Our quest for excellence never stops.

**Today in MARMOLINE we keep on producing Advanced Building Materials, staying true to our vision to:**
• Contribute to the upgrade of building projects, keeping up with the modern social needs for energy efficiency and protection of the environment.
• Remain by the side of those who need proper support in all kinds of masonry, maintenance, renovation and decoration projects.
• Satisfy people’s need for comfortable, relaxed, care-free living in their houses.

**Industrial specialization.**
Modern production plants, excellent raw materials and ISO 9001 certified Quality Management ensure high quality products which meet E.C. Standards and are in compliance with the National Specifications of the countries we distribute our products. We place particular emphasis in delivering applicator friendly and final user safe products for building kind to the environment residential and commercial constructions.

**Our people.**
Over the last 10 years, we have doubled our human resources. Our people are distinguished for their excellent scientific and professional training. Our priority is both the continuous training of our scientific staff in order to be constantly at the cutting edge of knowledge and technology, as well as the development of the skills of our workforce. We invest in knowledge management, the dissemination and continuous flow of knowledge between different departments and different people, aiming at exploiting it both today and tomorrow. What unites us the most in NORDIA S.A., is the passion for advanced building materials, the perfect final result and the satisfaction of our customers.

**Our environmental commitment.**
Each product is designed and produced according to the following principles:
• Raw material saving and recycling.
• Energy saving.
• Zero environmental pollution.
• Clean and tidy building site.
NORDIA S.A.

NORDIA S.A. is dedicated in producing high quality, safe, user-friendly building materials. We continuously reduce our footprint to the environment, saving energy, water and resources, modernizing our management methods, improving our knowledge and skills.

The composition of MARMOLINE Building Materials.

MARMOLINE building materials are produced from high-quality raw materials, such as: Dionysos white marble dust (of very high quality and well known in Greece), various quartz sands and other. The production process involves mixing of raw materials with key ingredients that are used in building materials, such as:

- European standard cements of types II - 32,5, II - 42,5 and II - 52,5 grey and white, procured from the major Greek and European producers in accordance with the European standard EN 197-1.
- Lime in the form of top-quality dry hydrated lime in accordance with the European standard EN 459-1.
- Expanded Perlite and Expanded Polystyrene.
- Modified Methylcellulose, Dispersion Resins and other additives from European Houses.

MARMOLINE quality and guarantee.

MARMOLINE implements an ISO 9001 quality management system which covers all phases of research, production, quality control, sales and after-sales service. Its research & development and quality control laboratory is equipped with the most state-of-the-art devices and its employees are highly skilled and experienced technical personnel.

All products are manufactured according to the appropriate European regulations, guidelines and standards, including:

- EN 13813: 2002. Screed material and floor screeds - Screed material - Properties and requirements.

Where required, our products are accompanied by a declaration of performance and CE marking, according to the specific standards. MARMOLINE products are marketable under no restrictions or additional control in all EU countries. We guarantee the quality of all our products, on the basis of their technical specifications, as described in the CE mark. Such guarantee refers only to the products that we deliver for use. The application and the final result, largely depends on the experience and quality of work of each user and on the application conditions and cannot be covered by such a guarantee. All technical specifications are available on the company’s website (www.marmoline.gr/en) or through our sales representatives. The quality of application is a prime concern of the company and its partners. For this reason, we host seminars and presentations in cooperation with our regional partners. The company provides technical support and all the necessary advice for the appropriate selection and excellent application of our products. Call number: + 30 22950 22225 and + 30 2310 780879.
MARMOLINE MONOSIS
External Thermal Insulation
Composite System (ETICS)
Sealing
Water Insulation
Bituminous Products
MARMOLINE MONOSIS
External Thermal Insulation System - ETICS

Description:
MARMOLINE MONOSIS is a complete certified External Insulation System for old and new buildings, that has a Greek origin. In many areas of Greece, the annual difference in temperature (min - max) on the exterior surface of the walls, is more than 60°C, therefore it is necessary to use durable building materials with good performance in such a temperature range. MARMOLINE MONOSIS responds in an excellent way to demanding weather conditions, namely cold in winter and heat in summer.

Usages:
Old buildings: Buildings without thermal insulation, therefore with significantly increased cost of heating and cooling.
New buildings: Buildings where, although there is provision for frame and wall insulation, this type of insulation is not functional, thus resulting to considerable loss and condensation of steam on the interior surface of the walls.

Major Advantages of the System:
• Provides excellent thermal comfort inside the building. • No thermal bridges are created on the beams, pillars, wall ties and floors, at the points where masonry is in contact with these elements, even if they have thermal insulation. Thus the possible appearance of humidity and water vapour is eliminated. • Protects the surfaces of walls from moisture. • Promotes energy saving because it prevents the creation of surfaces with thermal capacity on the exterior surface of walls, thus using the thermal capacity of walls only inside the building. • In a new house, it increases the size of functional areas by approximately 6 sq.m. for every hundred sq.m. of a house’s total area. • Greatly increases the service life of the building as it provides protection from corrosion and frost heaves. • The application of the system is less annoying than conventional renders, because it is applied with trowels as they are highly thixotropic. As a result, they do not create any rubble other than the residues of thermal insulation material. • The system’s quality of construction is very high, as special certified additional pieces are used, like corner protectors, water collectors and reinforcing fiberglass mesh all over the application surface of the coating. • The building is highly graduated in terms of energy saving rating. • Such a system has 4 - 6 years average depreciation period solely from energy saving. • Energy saving (35% to 65% of heating oil expenses). • Excellent, hygienic, qualitative thermal environment inside buildings. • Easy to apply on both new and old buildings. • Ideal solution for the renovation of old buildings. • High quality of construction for all kinds of buildings (detached houses - residential buildings - industrial buildings). • Improves soundproofing with the use of special materials. • Reduced cost of construction. • Better structural stability of interior walls (single brickwork with large brick). • Reduced load on the building. • High speed of construction. • Simple to apply. • Clean work area during construction.

Application mode:
• Prepare and check the brickwork and concrete. Fix the basic-support corner bead for the insulation boards. • Apply a 5 cm strip of the MARMOLINE FK 201 using an automatic pump, supplied by MARMOLINE, or by hand along the length of the perimeter of the insulation board surface, and at least 3 stamps on the inside. This way, the irregularities of the substrates are smoothed out and at least 40% of the board surface touches the substrate. • The technician should attach weights horizontally and vertically to enable the smooth and rapid continuation of the work. • To fix the insulation boards, press from the bottom to the top and between them. The boards must cross each other by 40% - 50%. If there are gaps between the boards, then these should be filled with special polyurethane foam. For additional support, it is recommended to use the special anchors, supplied by MARMOLINE, to be placed after the adhesive has hardened (6 pieces/m²). • Fix a proper reinforcing fibreglass mesh 160 gr/m², after applying a first coat of adhesive all over the board surface. Then, press each sheet of the mesh on the wet adhesive, making sure that there is a 10 cm overlay between each sheet without any creases. Then, apply a second coat of adhesive to fully cover the fibreglass mesh. • While fixing the fibreglass mesh, attach the special corner beads with the plastic mesh, supplied by MARMOLINE, on the corners of frames (doors - windows). Fix a mesh diagonally for extra support on the corners of windows and doors. If needed, apply and fix the special water collectors on horizontal edges. • Apply the MST 11 acrylic preparation primer. • Apply the MARMOLINE SVR coloured dispersion plaster at least 15 days of applying the adhesive - fibreglass mesh - adhesive system. • Apply the plaster uniformly all over the surface using a flat trowel. Use a special float or trowel to put the finishing touch on the surface, depending on the desired result. Complete the work on the surfaces in order to avoid discontinuities. Alternatively, instead of FK 202, you can use the acrylic paste FK 202 ORGANIC. Instead of SVR, you can use the silicone plaster SVR SILICONE.

Warm Winter Cool Summer
there are gaps between the boards, then these should be filled with special polyurethane foam. For additional support, it is recommended to use To fix the insulation boards, press from the bottom to the top and between them. The boards must cross each other by 40% - 50%. If • • surface touches the substrate. • Application mode: Simple to apply. Reduced load on the building. • High speed of construction. • (industrial buildings). • • solution for the renovation of old buildings. • Easy to apply on both new and old buildings. • Energy saving (35% to 65% of heating • collectors and reinforcing fiberglass mesh all over the application surface of the coating. • • because it is applied with trowels as they are highly thixotropic. As a result, they do not create any rubble other than the residues of thermal building as it provides protection from corrosion and frost heaves. • • Greatly increases the service life of the thermal capacity on the exterior surface of walls, thus using the thermal capacity of walls only inside the building. • In a new house, it increases • vapour is eliminated. • Promotes energy saving because it prevents the creation of surfaces with • • • No thermal bridges are created on the beams, pillars, wall ties and floors, at the points • • • • • MARMOLINE MONOSIS External Thermal Insulation System - ETICS • • • • • can use the silicone plaster SVR SILICONE. • • the surfaces in order to avoid discontinuities. Alternatively, instead of FK 202, you can use the acrylic paste FK 202 ORGANIC. Instead of SVR, you • • • • • • • SF 2 mm • • Granulometry: SVR 1 mm, SVR 1,5 mm, SVR 2 mm, SVR 3 mm. • • Specific weight of wet mortar: SVR 1 mm: 1.700 - 2.000 kg/m³, SVR 1,5 mm: 1.850 - 2.150 kg/m³, SVR 2 mm: 2.100 - 2.500 kg/m³, SVR 3 mm: 2.300 - 2.900 kg/m³. • • Consumption: SVR 1 mm (1,8 - 2,0 kg/m²), SVR 1,5 mm (2,0 - 2,3 kg/m²), SVR 2 mm (2,5 - 3,0 kg/m²), SVR 3 mm (3,0 - 3,5 kg/m²). • MARMOLINE SVR SILICONE, coloured silicone dispersion plaster in the form of a paste: • • Granulometry: 1,5 mm. • • Specific weight of wet mortar: 1.850 - 2.150 kg/m³. • • Consumption: 2,0 - 2,3 kg/m².
MARMOLINE presents the dispersion plaster line SVR.

“The diamond of external coatings”.

Strong and clear. Elastic enough to give you coverage and hard enough to protect all external surfaces. Bright like a diamond will highlight the beauty of your space.

SVR. The perfect finish for external insulation ETICS and for any antibreach application needed.
MARMOLINE presents the dispersion plaster line SVR.

**SVR**

*Ready to use coloured dispersion plaster*

“Flexible coverage, decoration, waterproofing”

**Description:** Ready to use, white or coloured, resinous dispersion plaster. Available in different granulometries with specially graduated aggregates of excellent quality. Depending on the desired result and granulometry, a smooth or rough final surface is obtained.

**Usages:** It is used as finish coating on thermal insulation boards of the MARMOLINE MONOSIS certified ETICS system, on old and new surfaces of buildings. Ideal for use on surfaces of fair-face concrete, finish-coat plasters, old painted surfaces, cement boards, plasterboards.

**Consumption:**
- SVR 1 mm (1.8 - 2.0 kg/m²).
- SVR 1.5 mm (2.0 - 2.3 kg/m²).
- SVR 2 mm (2.5 - 3.0 kg/m²).
- SVR 3 mm (3.0 - 3.5 kg/m²).

**Packing:**
- In various colour shades and granulometries based on a colour index.
- In plastic containers of 20 kg.
- In palette of 660 kg, 33 plastic containers.

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**SVR Granite Look**

*Ready to use coloured dispersion plaster*

“As good as SVR, with a texture of rough granite”

**Description:** Ready-to-use, coloured dispersion plaster in paste form, in raw granite texture and 1.5 mm maximum grain size.

**Usages:** It is used as a finish coating on thermal insulation boards of the MARMOLINE MONOSIS certified ETICS system, or other ETICS systems, and on old or new buildings’ surfaces. Ideal for use on surfaces of fair-face concrete, finish-coat plasters, old painted surfaces, cement boards, plasterboards.

**Consumption:** 2.0 - 2.3 kg/m².

**Packing:**
- In 4 rough granite-like colour shades.
- In plastic containers of 20 kg.
- In palette of 660 kg, 33 plastic containers.

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**SVR Silicone**

*Ready to use coloured silicone plaster*

“High resistance to difficult conditions”

**Description:** Ready to use, white or coloured, silicone plaster in paste form, with maximum grain size 1.5 mm.

**Usages:** It is used for highly resistant thin coatings, as finish coating on thermal insulation boards of ETICS systems, on old or new buildings’ surfaces. Ideal also for use on surfaces of fair-face concrete, finish-coat plasters, old painted surfaces, cement boards, plasterboards. It is a part of "MARMOLINE MONOSIS" external thermal insulation composite system ETICS.

**Consumption:** 2.0 - 2.3 kg/m².

**Packing:**
- In various colour shades based on a colour index.
- In plastic containers of 20 kg.
- In palette of 660 kg, 33 plastic containers.
FK 201

Polymer modified adhesive for thermal insulation boards of expanded, extruded polystyrene & mineral wool

“Guarantees powerful adhesion on every substrate”

**Description:** Ready industrial special mortar, cement-based adhesive, reinforced with polymer modified ingredients. Based on Portland grey cement, aggregates of selected grading and special additives, offers strong adhesion of thermal insulation boards.

**Usages:** It is used for the adhesion of thermal insulation boards made of extruded or expanded polystyrene, or mineral wool, to exterior and interior surfaces of buildings, and to substrates such as concrete, bricks, plaster, stone, aerated concrete, etc. It is part of the certified MARMOLINE MONOSIS external thermal insulation composite system - ETICS. It can also be used for the preparation of thermal insulation boards, for applying decorative renders /plasters (use it combined with certified MARMOLINE fibreglass mesh to prevent possible cracking).

**Consumption:** Approx. 4 - 7 kg/m² depending on the application mode.

**Packing:** • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.

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FK 202

White fibre-reinforced render for External Thermal Insulation Systems

“Strong adhesion, flexibility, high strength”

**Description:** Ready white mortar of cementitious basis, fibre-reinforced, based on high-strength Portland white cement (I - 52,5), reinforced also with polymer ingredients, aggregates of selected grading, fibres and special additives for adhesion to surfaces of thermal insulation boards.

**Usages:** It is used for coating of thermal insulation boards made of expanded or extruded polystyrene or mineral wool, in combination with appropriate MARMOLINE fibreglass mesh, on exterior and interior surfaces of buildings, before applying decorative plasters / renders. You can also use it as adhesive of thermal insulation boards, on surfaces such as concrete, bricks, plaster, cement blocks, aerated concrete, stone, etc., on exterior and interior surfaces of buildings.

**Consumption:**
- 4 - 4.5 kg of dry mortar per m², when used as a fiberglass mesh reinforced plaster on polystyrene or mineral wool.
- 4 - 7 kg of dry mortar per m², depending on the nature of the substrate, when used as insulation boards adhesive.

**Packing:** • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.

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FK 202 Organic

Acrylic paste for coating and adhesion of thermal insulation boards

“Strong adhesion, easy to apply”

**Description:** Ready to use, fiber-reinforced acrylic paste.

**Usages:** It is used for the coating of insulation boards of expanded (EPS) or extruded polystyrene (XPS), or mineral wool (MW), in combination with an appropriate fiberglass mesh. It can also be used for bonding of insulation boards on the outer surfaces of buildings.

**Consumption:**
- Approx. 3 kg/m², when used as a fibreglass mesh reinforced plaster on polystyrene or mineral wool.
- 2 - 4 kg/m², depending on the nature of the substrate, and the trowel’s notch size, when used as an insulation boards’ adhesive.

**Packing:** • In plastic containers of 15 kg. • In palette of 495 kg, 33 plastic containers.
**External Thermal Insulation System (ETICS)**

**FK 201**

**Description:**  
Ready industrial special mortar, cement-based adhesive, reinforced with polymer modified ingredients. Based on Portland grey cement, aggregates of selected grading and special additives, offers strong adhesion of thermal insulation boards.

**Usages:**  
It is used for the adhesion of thermal insulation boards made of extruded or expanded polystyrene, or mineral wool, to exterior and interior surfaces of buildings, and to substrates such as concrete, bricks, plaster, stone, aerated concrete, etc. It is part of the certified MARMOLINE MONOSIS external thermal insulation composite system - ETICS. It can also be used for the preparation of thermal insulation boards, for applying decorative renders/plasters (use it combined with certified MARMOLINE fibreglass mesh to prevent possible cracking).

**Consumption:**  
Approx. 4 - 7 kg/m² depending on the application mode.

**Packing:**  
- In bags of 25 kg.
- In palette of 1.500 kg, 60 bags of 25 kg.

**Polymer modified adhesive for thermal insulation boards of expanded, extruded polystyrene & mineral wool**

"Guarantees powerful adhesion on every substrate"

---

**FK 202**

**Description:**  
Ready white mortar of cementitious basis, fibre-reinforced, based on high-strength Portland white cement (I - 52,5), reinforced also with polymer ingredients, aggregates of selected grading, fibres and special additives for adhesion to surfaces of thermal insulation boards.

**Usages:**  
It is used for coating of thermal insulation boards made of expanded or extruded polystyrene or mineral wool, in combination with appropriate MARMOLINE fibreglass mesh, on exterior and interior surfaces of buildings, before applying decorative plasters / renders. You can also use it as adhesive of thermal insulation boards, on surfaces such as concrete, bricks, plaster, cement blocks, aerated concrete, stone, etc., on exterior and interior surfaces of buildings.

**Consumption:**
- 4 - 4,5 kg of dry mortar per m², when used as a fiberglass mesh reinforced plaster on polystyrene or mineral wool.
- 4 - 7 kg of dry mortar per m², depending on the nature of the substrate, when used as insulation boards adhesive.

**Packing:**
- In bags of 25 kg.
- In palette of 1.500 kg, 60 bags of 25 kg.

**White fibre-reinforced render for External Thermal Insulation Systems**

"Strong adhesion, flexibility, high strength"

---

**FK 202 Organic**

**Description:**  
Ready to use, fiber-reinforced acrylic paste.

**Usages:**  
It is used for the coating of insulation boards of expanded (EPS) or extruded polystyrene (XPS), or mineral wool (MW), in combination with an appropriate fiberglass mesh. It can also be used for bonding of insulation boards on the outer surfaces of buildings.

**Consumption:**
- Approx. 3 kg/m², when used as a fiberglass mesh reinforced plaster on polystyrene or mineral wool.
- 2 - 4 kg/m², depending on the nature of the substrate, and the trowel’s notch size, when used as an insulation boards’ adhesive.

**Packing:**
- In plastic containers of 15 kg.
- In palette of 495 kg, 33 plastic containers.

**Acrylic paste for coating and adhesion of thermal insulation boards**

"Strong adhesion, easy to apply"

---

**Corner Beads**

- **PVC Corner Bead**  
  With plastic edge for protecting building corners.

- **ALU Corner Bead**  
  With aluminium edge for protecting building corners.

- **PVC Water Collector**  
  For masonry surface protection.

- **Fibreglass Meshes**  
  Certified fibreglass meshes for reinforcement of the surface of external thermal insulation composite systems.

---

**Brackets**

- **ALU Rail System**  
  For initial support.

- **ALU Corner Rail System**  
  For initial support.

- **PVC Support Pin / Fixing Anchor**  
  Certified pins for thermal insulation boards’ support.

---

**Fixing Tools**

- **Pin / Fixing Anchor**  
  For rail system support.
## Insulation Boards

### EPS White - Grey (EN 13163)

Boards made of self-extinguishing expanded polystyrene (simple or graphite), suitable for the external thermal insulation of buildings. Minimum specifications (based on the technical approval of the MARMOLINE MONOSIS ETICS System):

<table>
<thead>
<tr>
<th>Specification</th>
<th>Class E (with density plates up to 20 kg/m$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction to fire</td>
<td>According to the declaration of performance based on EN 13163 (m$^2$K)/W</td>
</tr>
<tr>
<td>Thermal resistance</td>
<td>Class E (density plates up to 20 kg/m$^3$)</td>
</tr>
<tr>
<td>Thickness EN 823</td>
<td>± 1 mm (Class T2)</td>
</tr>
<tr>
<td>Length EN 822</td>
<td>± 0,6% or ± 3 mm (Class L1 or L2)</td>
</tr>
<tr>
<td>Width EN 822</td>
<td>± 2 mm (Class W2)</td>
</tr>
<tr>
<td>Squareness EN 824</td>
<td>± 2 mm/m (Class S2)</td>
</tr>
<tr>
<td>Flatness EN 825</td>
<td>5 mm (Class P4)</td>
</tr>
<tr>
<td>Dimensional stability under laboratory</td>
<td>± 0,2% (Class DS(N)2)</td>
</tr>
<tr>
<td>conditions EN 1603</td>
<td>± 2% (DS(70,-)2 or DS(70,-)1)</td>
</tr>
<tr>
<td>Water vapor diffusion resistance factor</td>
<td>$W_{p}$ ≤ 0,5 kg/m$^2$</td>
</tr>
<tr>
<td>EN 12087</td>
<td>$\mu$ ≥ 20</td>
</tr>
<tr>
<td>Tensile strength, perpendicular to the</td>
<td>≥ 80 kPa (TR 80)</td>
</tr>
<tr>
<td>faces in dry conditions EN 1607</td>
<td>(TR 100) for bonded system with</td>
</tr>
<tr>
<td></td>
<td>supplementary mechanical fixings</td>
</tr>
<tr>
<td></td>
<td>≥ 50 kPa (BS 50)</td>
</tr>
<tr>
<td>Flexural strength EN 12089</td>
<td>$f_{tu}$ ≥ 0,02 MPa</td>
</tr>
<tr>
<td>Shear strength EN 12090</td>
<td></td>
</tr>
<tr>
<td>Shear modulus EN 12090</td>
<td>$G_{m}$ ≥ 1 MPa</td>
</tr>
</tbody>
</table>

### XPS Blue - Grey (EN 13164)

Boards made of extruded polystyrene, suitable for the external thermal insulation of buildings. Minimum specifications (based on the technical approval of the MARMOLINE MONOSIS ETICS System):

<table>
<thead>
<tr>
<th>Specification</th>
<th>Class E (boards with density up to 33 kg/m$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction to fire</td>
<td>According to the declaration of performance based on EN 13164 (m$^2$K)/W</td>
</tr>
<tr>
<td>Thermal resistance</td>
<td>Class E (boards with density up to 33 kg/m$^3$)</td>
</tr>
<tr>
<td>Thickness EN 823</td>
<td>± 1 mm (T3)</td>
</tr>
<tr>
<td>Length EN 822</td>
<td>± 8 mm</td>
</tr>
<tr>
<td>Width EN 822</td>
<td>± 8 mm</td>
</tr>
<tr>
<td>Squareness EN 824</td>
<td>≤ 5 mm/m</td>
</tr>
<tr>
<td>Flatness EN 825</td>
<td>≤ 6 mm</td>
</tr>
<tr>
<td>Dimensional stability under specified</td>
<td>DS (70,-) 1%, DS(70,90) 1%</td>
</tr>
<tr>
<td>conditions EN 1604</td>
<td></td>
</tr>
<tr>
<td>Water vapor diffusion resistance to the</td>
<td>&lt; 1,0 kg/m$^2$</td>
</tr>
<tr>
<td>faces in dry conditions EN 1607</td>
<td>$\mu$ ≤ 50 (MU 50)</td>
</tr>
<tr>
<td>Tensile strength, perpendicular to the</td>
<td>≥ 400 kPa (TR 400)</td>
</tr>
<tr>
<td>faces in dry conditions EN 1607</td>
<td>$\mu$ ≤ 70 (MU 70)</td>
</tr>
<tr>
<td>Shear strength EN 12090</td>
<td>≥ 0,24 MPa</td>
</tr>
<tr>
<td>Shear modulus EN 12090</td>
<td>≥ 6,7 MPa</td>
</tr>
</tbody>
</table>
**EPS (Expanded Polysterene)**

**XPS (Extruded Polysterene)**

**MW (Mineral Wool)**

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**EPS White - Grey**

**XPS Blue - Grey**

**MW**

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**MW (EN 13162)**

Boards made of mineral wool, suitable for external thermal insulation of buildings. For buildings with special needs for soundproofing and fire resistance. Minimum specifications (based on the technical approval of the MARMOLINE MONOSIS ETICS System):

- **Reaction to fire** EN 13501.1
- **Thermal resistance**
  - Thickness EN 823
  - Length EN 822
  - Width EN 822
  - Squareness EN 824
  - Flatness EN 825
- **Dimensional stability under specified temperature** EN 1604
- **Dimensional stability under specified temperature and humidity** EN 1604
- **Water absorption (partial immersion)** EN 1609
- **Water vapor diffusion resistance factor** EN 12086
- **Tensile strength, perpendicular to the faces in dry conditions** EN 1607
- **Tensile strength, perpendicular to the faces in wet conditions** EN 1607
- **Dynamic stiffness** EN 29052.1
- **Air flow resistance** EN 29053

**Class A1 (with density plates up to 120 kg/m³)**

According to the declaration of performance based on **EN 13162 (m²K)/W**

- ± 2%
- ± 1.5%
- ≤ 5 mm/m
- ≤ 6 mm
- DS(70,-)
- DS(70,90)
- < 1 kg/m²
- μ = 1.0
- ≥ 10 kPa (TR10)
- ≥ 5 kPa
- SD20
- AF60
GTL 30

Lightweight thermal insulation floor screed 5 - 20 cm

“Lightweight thermal insulating filling - levelling of floors”

Description: Ready mortar based on Portland grey cement, white marble aggregates, special additives to improve adhesion to difficult surfaces and improve its flow properties, and polystyrene grains which provide thermal insulation and reduce the burden. It does not contain lime. Simply mix with water. It minimizes material preparation time and increases the speed of application.

Usages: It is used for filling, leveling and sloping of floors, to create a final surface ready for fixing ceramic tiles, marbles or granites. Suitable to use both indoors and outdoors (balconies, roofs, flat-roofs, etc.). It does not crack. It does not affect pipes. It provides considerable thermal insulation and due to its lighter weight, it can be used in cases where thicker filling is required. The recommended minimum application thickness is 5 cm. It is not recommended for industrial facilities (e.g. warehouses), parking areas, and in general wherever there may be heavy loads and high strains.

Consumption: Approx. 12 kg of mortar per m², for 1 cm of thickness.

Packing: • In bags of 30 kg. • In palette of 1.350 kg, 45 bags of 30 kg. • In bulk in a silo with a capacity of 12 - 18 - 22 m³.

TL 2

Thermal insulation lightweight base coat plaster

“Lightweight, multi-purpose insulating result”

Description: Ready mortar based on Portland grey cement, white marble aggregates of selected granulometry, special additives and polystyrene grains which provide thermal insulation properties and reduce material’s weight. Mix only with water. It minimizes preparation time and increases the speed of application.

Usages: It is used as base-coat plaster (roughcast) on exterior and interior surfaces when applying the three-coat technique, to smooth out the surface in order to apply a finish-coat plaster. Use TL 2 indoors or outdoors to achieve thermal insulation in new or old structures, or to increase the existing thermal insulation of buildings. Due to its lighter weight, compared to normal base-coat plasters, the load on the structure’s masonry is reduced. You can use it also to form guides made of wet mortar. Apply it on bricks, cement blocks, aerated concrete elements, concrete surfaces (pillars - ceilings - bind - beams, etc.), stones, thermal insulation boards and other materials, provided that SV 1 primer plaster has been previously applied. In special cases, the product can be reinforced by adding MARMOLINE MP 20 acrylic dispersion.

Consumption: Approx. 10 kg of mortar per m² of 1 cm thick plaster.

Packing: • In bags of 30 kg. • In palette of 1.350 kg, 45 bags of 30 kg. • In bulk in a silo with a capacity of 12 - 18 - 22 m³.
MS 33
Transparent silicone based water repellent without solvents

“Waterproofs and protects all absorbent materials”

Description: Highly penetrating transparent silicone based water repellent for absorbent surfaces. Ready to use, solvent-free, user and environmentally friendly.

Usages: It is used for the waterproofing and protection of common and coloured cementitious plasters, as well as on any other absorbent surface such as concrete, tiles, cementitious mortars, mosaic floors of terraces, absorbent rocks, natural stones, etc. It protects floors and unpolished marbles from water and dirt. It protects natural colours of plaster and natural stones without being flaking and shining. It stabilizes the shade of coloured cementitious coatings. It waterproofs and protects tile joints.

Consumption: Use 0.2 - 1.0 kg/m², depending on the surface.

Packing: • In plastic containers of 5 kg and 20 kg, • In palette of 300 kg, 60 containers of 5 kg.
• In palette of 480 kg, 24 containers of 20 kg.

MST 11
Micronized acrylic water-based primer

“Penetrating and powerful, for an excellent final result”

Description: Transparent acrylic water-based primer for the preparation of surfaces before plastering or painting. It can be used on interior and exterior absorbent surfaces. It provides better adhesion of the next coat of plaster or paint. It prevents flaking. High-tech composition, it deeply penetrates the surface of the substrate and provides better adhesion.

Usages: It is applied to old or new surfaces, such as plaster or stucco walls. It reinforces and stabilizes porous surfaces to be painted with emulsion or acrylic paint. Due to the decrease in surface absorbance, the time required for painting is reduced, and the paint coverage is increased. It is also used as a primer to the surfaces to be coated with a coloured plaster, so as to reduce the absorbency of the substrate and let the colored plaster dry evenly.

Consumption: Approx. 1 kg per 10 to 15 m².

Packing: • In plastic containers of 5 kg, 10 kg and 20 kg. • In palette of 300 kg, 60 containers of 5 kg.
• In palette of 400 kg, 40 containers of 10 kg. • In palette of 480 kg, 24 containers of 20 kg.

MST 22
Roof adhesion primer

“Excellent adhesion, perfect preparation”

Description: Ready to use primer which provides excellent adhesion of the substrate to the subsequent layers of MARMOLINE AQUATA SEAL 100 and AQUATA SEAL 200 HYBRID brushable waterproofing coatings.

Usages: It is used as a primer, to achieve adhesion of AQUATA SEAL 100 and AQUATA SEAL 200 HYBRID brushable elastomeric waterproofing coatings to surfaces such as concrete, plaster, plasterboards, etc.

Consumption: Approx. 150 - 200 gr/m² depending on the absorbency of the substrate.

Packing: • In plastic containers of 5 kg and 20 kg. • In palette of 300 kg, 60 containers of 5 kg.
• In palette of 480 kg, 24 containers of 20 kg.
Aquata Elastic

Elastic & flexible two component waterproofing mortar certified according to EN 1504-2

“Excellent waterproofing and sealing mortar”

Description: Two component elastic and flexible cement mortar, A powder, B acrylic polymer with special composition which has been developed in MARMOLINE’s R&D labs and has been certified for water intended for human consumption.

Usages: It is suitable for: • Waterproofing of the concrete. • Protection of the concrete from carbonation. • Waterproofing coating on roofs, with the use of a mesh, where necessary. • Sealing of basements, water tanks and pools (before the installation of tiles). • Product suitable for contact with water intended for human consumption (conforms with EN 14944-1). • Sealing of foundations, masonry walls.

Consumption: To cover a thickness of 1 mm, 1,65 kg of the mixture is required per m².

Packing:
- Component A: • Bag of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.
- Component B: • Container of 8,75 kg. • In palette of 525 kg, 60 containers of 8,75 kg.

Aquata

Fast-setting cement sealant

“Instant sealing of leaks. Excellent for supporting, anchoring, embedding”

Description: Ready to use grey ultra fast-setting repair mortar, with aggregates of selected granulometry and special additives to ensure excellent adhesion to the substrate, instant setting and high mechanical strength.

Usages: Used for any application which requires instant sealing of water leaks from cracks, holes and joints on various structures such as: masonry, gutters, tanks, tunnels, underground areas, foundations, etc. Proven ideal for supporting and anchoring of pipes, sanitary ware and wherever instant and strong supporting and repair is needed.

Consumption: To prepare 1 lt of hardened mixture you need approx. 1,6 kg of AQUATA.

Packing:
- In plastic containers of 1 kg.
- In palette of 480 kg, boxes of 12 pieces.

Aquata 240 (prev. WS 240)

Cementitious brushable waterproofing mortar

“Easy and cost-effective waterproofing”

Description: Single component polymer modified mortar for the waterproofing of the substrate. It can be used alone, simply mixed with water, or combined with acrylic resin MARMOLINE MP 20, when a high degree of waterproofing and elasticity is needed.

Usages: For the waterproofing of elements of masonry concrete and plaster. Apply in cases varying from simple dampness to water under pressure. Suitable for the sealing of underground walls indoors and outdoors before backfilling (for repair or by way of precaution), plant stands, tanks, swimming pools, etc. Apply on vertical and flat surfaces of concrete, stone, bricks, cement blocks, plasters, aerated concrete, etc., which are to be coated with ceramic tiles or marble. Excellent adhesion to the substrate. For increased flexibility requirements, it is recommend ed to add the acrylic dispersion MARMOLINE MP 20.

Consumption: Approx. 2,5 - 3 kg of mortar/m² for 2 mm of thickness.

Packing:
- In bags of 25 kg. • In palette of 1.350 kg, 54 bags of 25 kg.
- In bags of 5 kg.
- In cardboard boxes of 20 kg, 4 bags of 5 kg.
- In palette of 960 kg, 48 boxes of 20 kg.
**Aquata Seal 100** *(prev. Roof Seal 100)*

**Elastomeric brushable waterproofing membrane**

“Keeps away humidity and water”

**Description:** Ready elastomeric sealant for roofs, without solvents, with excellent adhesion on any building surface. It ideally covers any capillary cracks on the application surface, creating an elastic, sealing membrane, impermeable from water.

**Usages:** Used for the sealing of roofs, balconies, cement mortars, walls, etc.

**Consumption:** 1 - 1,5 kg/m² depending on the substrate.

**Packing:**
- In plastic containers of 5 kg and 13 kg.
- In palette of 300 kg, 60 containers of 5 kg.
- In palette of 429 kg, 33 containers of 13 kg.

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**Aquata Seal 200 Hybrid** *(prev. Roof Seal 200 Hybrid)*

**Brushable hybrid based waterproofing membrane**

“Excellent waterproofing of the highest standards”

**Description:** Ready brushable waterproofing coating polyurethane based and enriched with elastomeric resins.

**Usages:** It is used for an excellent waterproofing of roofs, balconies, breast walls, downpipes, plasterboards, etc. Proven efficiency in the local and unbreakable waterproofing of cracks on surfaces of roofs, as well as in technical works.

**Consumption:** 1 - 1,5 kg/m² depending on the substrate.

**Packing:**
- In plastic containers of 5 kg and 13 kg.
- In palette of 300 kg, 60 containers of 5 kg.
- In palette of 429 kg, 33 containers of 13 kg.

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**Aquata PU 35** *(prev. PU 35)*

**Polyurethane-based sealant**

“One sealant, numerous applications”

**Description:** Elastomeric, one ingredient, polyurethane-based joints sealant, in the form of thixotropic paste. Once it comes in contact with the air in the atmosphere, it transforms into a flexible and cohesive mass. It is available in white and grey.

**Usages:** It is used for sealings and adhesions in constructions, for industrial applications and for applications in ships and vehicles. After its polymerization, it can be painted using any of the usual painting systems. It has adhesive capabilities to the majority of porous and non-porous substrates, such as: concrete, ceramics, glass, wood, aluminium, stainless steel, galvanized or painted metal, firm or flexible plastic.

**Packing:**
- In aluminium cartridges of 310 ml.
- In boxes of 25 pieces.
- In tubes of 600 ml.
- In boxes of 15 pieces.
**Thermofoam 2 Seal**

**Polyurethane foam styrene adhesive for EPS-XPS insulation boards**

“Excellent adhesion, easy to apply”

**Description:** One ingredient, low-expansion polyurethane foam, without solvents for professional use. It is polymerized with the humidity of the atmosphere. It has a great adhesiveness on plaster, concrete, bricks, wood, HDF, metal, bitumen surfaces, etc.

**Usages:** It is used for the adhesion of polystyrene insulation boards in ETICS systems. THERMOFOAM 2 SEAL does not substitute the necessary mechanical fixing of the boards with suitable anchors.

**Packing:** • In bottles of 830 ml • In boxes of 12 pieces.

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**Foam 2 Seal**

**Polyurethane foam**

“It seals every insulation need”

**Description:** One ingredient, low-expansion polyurethane foam, polymerized with the humidity of the atmosphere. It has a great adhesiveness to wood, cement, rocks, metals, etc. One bottle can produce up to 45 liters of polymerized foam (depending on the temperature, the humidity of the atmosphere, the available space, etc.). The polymerized foam is fire-resistant and non-toxic.

**Usages:** • Placement of windows and doors. • Placement of wooden stairs and sills. • Filling of holes, cracks, joints and openings. • Sealing of openings on roofs and insulating materials. • Creation of soundproofing curtains. • Jointing and insulation of roof tiles, dividers etc. • Filling of holes around pipes.

**Packing:** • In bottles of 750 ml • In boxes of 12 pieces.

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**Hi Sil**

**Antifungal silicone sealant**

“It keeps water and humidity away”

**Description:** Antifungal silicone of high-quality and adhesiveness. Once it has hardened, it is not affected by water or humidity. It cannot be coloured.

**Usages:** It is used for sealing joints in bathtubs, sinks, aluminum panels, windows, etc.

**Packing:** • In plastic cartridges of 280 ml • In boxes of 25 pieces.

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**Connect**

**Acrylic mastic**

“The answer to any demanding application”

**Description:** Acrylic mastic for sealing vertical and horizontal joints in both indoor and outdoor spaces. It is ideal for sealing joints, cracks, gaps and openings in various structural elements. It is also suitable for slightly moist substrates. It can be painted.

**Usages:** • It is suitable for materials such as concrete, plaster, bricks, aluminum, wood etc. It is used for joints of the above-mentioned materials in both indoor and outdoor spaces, such as: windows and sills, frame casings, aluminum frames, cracks on walls and roofs. • It is not suitable for joints that are permanently sank in water (e.g. tanks) or for joints that are subject to great temperature variations. • It should not be applied at a temperature lower than +5°C.

**Packing:** • In plastic cartridges of 280 ml • In boxes of 25 pieces. • In tubes of 600 ml • In boxes of 15 pieces.
Bituminous Membranes

Plastomeric _ Elastomeric _ Modified Bitumen Mixture

Bituminous sealing membranes are divided into the following categories:

a. Plastomeric bituminous membranes (APP modified). The main ingredient of these bituminous membranes is refined bitumen and their basic polymer is atactic polypropylene. The addition of plastomeric polypropylene resins (APP) makes the mixture more plastic and resistant to high temperatures and ultraviolet radiation.

b. Elastomeric bituminous films (SBS modified). The main ingredient of these bituminous membranes is refined bitumen and their basic polymer is polymerized [Styrene Butadiene Styrene]. The addition of elastomeric materials (SBS) makes the mixture more elastic, and thus able to adjust more easily to any compressing and expanding that may occur, while at the same time it is extremely resistant to low temperatures. Membranes are reinforced with a polyester non-woven fabric, which gives to the final product good mechanical strengths, as for instance tensile strength, puncture strength, dynamic and static compressive strength. Coating of the membranes, that are intended for the final layer of a water insulating system, with mineral gravels, protects them from the ultraviolet rays and helps increase their life span. The proper combination of bituminous mixture, coating and weight of the membrane, offers a great variety of application possibilities, such as:
- Sealing of metal roofs.
- Sealing of rooms with sloped ceilings.
- Resealing of rooms.
- Sealing of foundations, underground constructions.
- Sealing of bridges and parking spaces.

c. Bituminous membranes of modified bitumen mixture.

Bituminous membranes for tile roofs, consisting of a distilled modified bitumen mixture with plastomeric polymers, highly porous and therefore permeable to water vapour. The main characteristics are the transmission of vapour property (Sd/m = 22) combined with guarantee of proved water resistance on pitched roofs covered by tiles.

<table>
<thead>
<tr>
<th>BITUMINOUS WATERPROOFING MEMBRANES (APP)</th>
<th>BITUMINOUS WATERPROOFING MEMBRANES (SBS)</th>
<th>BITUMEN SHEETING FOR ROOF WATERPROOFING</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLUMBA P</td>
<td>COLUMBA P MINERAL</td>
<td>LYBRA FC MINERAL</td>
</tr>
<tr>
<td>Reinforced bituminous membranes for the roofing waterproofing Final layers</td>
<td>Reinforced bituminous membranes for the roofing waterproofing Final layers</td>
<td>Reinforced bituminous membranes for the roofing waterproofing Final layers</td>
</tr>
<tr>
<td>Roller dimensions EN 1848-1 (m x m)</td>
<td>Roller dimensions EN 1848-1 (m x m)</td>
<td>Roller dimensions EN 1848-1 (m x m)</td>
</tr>
<tr>
<td>1 x 10</td>
<td>1 x 10</td>
<td>1 x 10</td>
</tr>
<tr>
<td>Membrane weight EN 1848-1 (kg/m²)</td>
<td>Membrane weight EN 1848-1 (kg/m²)</td>
<td>Membrane weight EN 1848-1 (kg/m²)</td>
</tr>
<tr>
<td>40</td>
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</tr>
<tr>
<td>Reinforcement</td>
<td>Reinforcement</td>
<td>Reinforcement</td>
</tr>
<tr>
<td>Non-woven Polyester reinforced with glassfibre</td>
<td>Non-woven Polyester reinforced with glassfibre</td>
<td>Non-woven Polyester reinforced with glassfibre</td>
</tr>
<tr>
<td>Coating material</td>
<td>Coating material</td>
<td>Coating material</td>
</tr>
<tr>
<td>Film PE</td>
<td>Mineral self-protection</td>
<td>Mineral self-protection</td>
</tr>
<tr>
<td>Flow resistance at elevated temperature EN 1110 (°C)</td>
<td>Flow resistance at elevated temperature EN 1110 (°C)</td>
<td>Flow resistance at elevated temperature EN 1110 (°C)</td>
</tr>
<tr>
<td>110</td>
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<tr>
<td>Flexibility at low prices EN 1109 (°C)</td>
<td>Flexibility at low prices EN 1109 (°C)</td>
<td>Flexibility at low prices EN 1109 (°C)</td>
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<tr>
<td>-5</td>
<td>-5</td>
<td>-5</td>
</tr>
<tr>
<td>Tensile strength EN 12311-1 (N/5cm) L / T</td>
<td>Tensile strength EN 12311-1 (N/5cm) L / T</td>
<td>Tensile strength EN 12311-1 (N/5cm) L / T</td>
</tr>
<tr>
<td>400 / 500</td>
<td>500 / 400</td>
<td>400 / 500</td>
</tr>
<tr>
<td>Elongation at break EN 12311-1 (N/5cm) L / T</td>
<td>Elongation at break EN 12311-1 (N/5cm) L / T</td>
<td>Elongation at break EN 12311-1 (N/5cm) L / T</td>
</tr>
<tr>
<td>35 / 35</td>
<td>35 / 35</td>
<td>35 / 35</td>
</tr>
<tr>
<td>Resistance to tearing EN 12310-1 (N/5cm) L / T</td>
<td>Resistance to tearing EN 12310-1 (N/5cm) L / T</td>
<td>Resistance to tearing EN 12310-1 (N/5cm) L / T</td>
</tr>
<tr>
<td>130 / 130</td>
<td>130 / 130</td>
<td>130 / 130</td>
</tr>
<tr>
<td>Resistance to static loading EN 12730:2001 (kg)</td>
<td>Resistance to static loading EN 12730:2001 (kg)</td>
<td>Resistance to static loading EN 12730:2001 (kg)</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
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</tr>
<tr>
<td>Resistance to impact EN 12691 (mm)</td>
<td>Resistance to impact EN 12691 (mm)</td>
<td>Resistance to impact EN 12691 (mm)</td>
</tr>
<tr>
<td>700</td>
<td>700</td>
<td>700</td>
</tr>
</tbody>
</table>
Bituprimer

Bituminous varnish-primer

“Strong adhesion for demanding purposes”

**Description:** Bituminous sealing varnish, with specially processed bitumen and solvents. It shows great adhesiveness to concrete, lightweight concrete, metal, wood, rock, brick or plasterboard surfaces.

**Usages:** It is used for the sealing and protection of surfaces made of concrete and metal, such as rooms, underground walls, foundations of underground drains, tanks (made of concrete or metal). It is also used as a primer for the attachment of bituminous membranes, diluted by 20% with gasoline. It is affected by petroleum products. It should not be applied on surfaces of products made of polystyrene (expanded or extruded), as it contains organic solvents.

**Consumption:** 0.3 - 0.5 lt/m², per layer, depending on the type and the absorbency of the surface.

**Packing:** In metal containers of 1, 5 & 20 lt.

Bitucoat

Water based bituminous emulsion

“Starts as emulsion, becomes a membrane”

**Description:** Bituminous water-based emulsion that dries quickly, has strong adhesion capability and forms a protective membrane.

**Usages:** It is used for the sealing of surfaces made of concrete, with or without reinforcement (fiberglass mesh) between the layers. Diluted, it can be used as a primer for the formation of a vapor barrier.

**Consumption:** About 0.5 kg/m² when used as primer, and about 0.6 kg/m² when used as a sealant, per layer, depending on the type and absorbency of the surface.

**Packing:** In plastic containers of 18 kg.
Bitubond

Bituminous membranes primer

“Perfect adhesion on demanding surfaces”

Description: High-standard bituminous primer (varnish) based on oxidized bitumen and solvents.

Usages: Material for the attachment of bituminous membranes; it can also be used as an anti-corrosion agent for metal surfaces. It has great adhesiveness to concrete, lightweight concrete, wooden, rock and brick surfaces, on which it forms a hard, sealing, protective membrane. It is affected by petroleum products. It should not be applied on surfaces of products made of polystyrene (expanded or extruded), as it contains organic solvents.

Consumption: 0.3 - 0.5 lt/m², per layer, depending on the type and the absorbency of the surface.

Packing: In metal containers of 20 lt.

Bitumastic

Elastomeric bituminous mastic

“Perfect sealing and waterproofing”

Description: Thick, elastomeric, bituminous mastic, based on reinforced polymers with fibers, bitumen and solvents. It is cold-applied.

Usages: It is used for the filing - sealing of joints, cracks, scores formed at the assembly points of concrete, wooden constructions and masonry. It is applied on thin openings of vertical joints, as well. It is also used for the adhesion of bituminous membranes the surface of which is covered by quartz sand, etc. Suitable for application on surfaces made of concrete, lightweight concrete, wood, rock, bricks, plasterboard. It is affected by petroleum products. It should not be applied on surfaces of products made of polystyrene (expanded or extruded), as it contains organic solvents.

Consumption: 0.10 - 0.15 lt/m for a joint with dimensions of 1 cm x 1 cm.

Packing: In metal containers of 5 & 20 lt.

Alupaste

Bituminous varnish with aluminium paste

“Protects from UV radiation”

Description: Bituminous aluminum varnish. It is a mixture of specially processed bitumen, organic solvents and aluminum paste.

Usages: It is applied mainly for the protection of bituminous materials (old and new) of all sealed surfaces, from ultraviolet radiation. It is also used for anti-rust protection of metal surfaces, e.g. pipes, sheds, metal roofs or tanks. Suitable for application on surfaces made of concrete, metal, brick, rock and wood. It is affected by petroleum products. It should not be applied on surfaces of products made of polystyrene (expanded or extruded), as it contains organic solvents.

Consumption:
- Bituminous surfaces: 0.125-0.160 lt/m² per layer.
- Metal surfaces: 0.100-0.130 lt/m² per layer.

Packing: In metal containers of 20 lt.
DÉCOR
Emulsion & Acrylic Paints
Enamel Paints & Primers (Water & Alkyd)
Decorative Cement Screed
Paints & Varnishes for Special Applications
Masonry & Decorative Stucco
**Flying Colours Interior**

Emulsion paint for interior use

“Your dreams become colourful”

**Description:** Emulsion paint for interior use. It has excellent leveling properties, producing a uniform matt velvet surface.

**Usages:** It is suitable for new surfaces, levelled or not with putty, made of plaster, concrete, gypsum board, cement board. Also for old, previously painted surfaces.

**Coverage:** 13 - 14 m²/lt.

**Packing:**
- In plastic containers of 750 ml, 3 lt and 10 lt.
- In palette of 330 lt, 33 plastic containers of 10 lt.
- In palette of 240 lt, 80 plastic containers of 3 lt.
- In boxes of 4,5 lt, 6 pieces of 750 ml.

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**Uni Paint**

Emulsion paint

“Classic matt”

**Description:** Emulsion paint for interior use. It has excellent leveling properties, producing a classic smooth matte surface.

**Usages:** Suitable for new surfaces, levelled or not with putty, made of plaster, concrete, gypsum board, cement board. Also for old, previously painted surfaces.

**Coverage:** 13 - 14 m²/lt.

**Packing:**
- In plastic containers of 750 ml, 3 lt and 9 lt.
- In palette of 297 lt, 33 plastic containers of 9 lt.
- In palette of 240 lt, 80 plastic containers of 3 lt.
- In boxes of 4,5 lt, 6 pieces of 750 ml.
Flying Colours Exterior

Acrylic paint for exterior use

“The house breathes colour”

**Description:** Acrylic paint for exterior use. It spreads easily, producing a matt, water resistant and vapour permeable surface. 
**Usages:** It is suitable for any surface made of plaster, concrete, gypsum board, cement board or for old, previously painted surfaces.
**Coverage:** 12 - 13 m²/lt.
**Packing:**
- In plastic containers of 750 ml, 3 lt and 10 lt.
- In palette of 330 lt, 33 plastic containers of 10 lt.
- In palette of 240 lt, 80 plastic containers of 3 lt.
- In boxes of 4,5 lt, 6 pieces of 750 ml.

Uni Paint Acryl

Acrylic cement paint

“Strong in challenges”

**Description:** Acrylic cement paint suitable for exterior use. It is easily workable and has excellent leveling properties. It allows surface to “breath”.
**Usages:** Due to its special composition, it is highly resistant to alkalis, on new or re-painted surfaces and in adverse weather conditions. It offers great coverage and unrivaled performance.
**Coverage:** 13 - 14 m²/lt.
**Packing:**
- In plastic containers of 750 ml, 3 lt and 9 lt.
- In palette of 297 lt, 33 plastic containers of 9 lt.
- In palette of 240 lt, 80 plastic containers of 3 lt.
- In boxes of 4,5 lt, 6 pieces of 750 ml.

Super Paint

Elastomeric waterproofing wall paint

“3 in 1. Paints, insulates and protects”

**Description:** Acrylic, elastomeric, waterproofing paint of high resistance for exterior use.
**Usages:** It combines the properties of insulator and paint in one product, creating a protective flexible film. It is applied on all types of surfaces, such as plaster, concrete, cement board, external thermal insulation composite systems.
**Coverage:** Almost 10 m²/lt per layer, depending on the substrate.
**Packing:**
- In plastic containers of 750 ml, 5 lt and 10 lt.
- In palette of 330 lt, 33 plastic containers of 10 lt.
- In palette of 400 lt, 80 plastic containers of 5 lt.
- In boxes of 4,5 lt, 6 pieces of 750 ml.
L’ Aqua Primer

Multi-purpose water based primer

“Strong adhesion for colour certainty”

Description: Water based, high quality, odourless white primer with technologically advanced composition. For indoor / outdoor use.
Usages: It provides very good adhesion on wood, metal (aluminium, galvanized metal sheets, etc.), gypsumboards or PVC. It is an ideal undercoat for MARMOLINE L’ AQUA PAINT water based enamel paint.
Performance: 8 - 10 m²/lt.
Packing: • In metal cans of 750 ml and 2,5 lt. • In boxes of 10 lt, 4 metal cans of 2,5 lt. • In boxes of 9 lt, 12 metal cans of 750 ml.

L’ Aqua Paint

High quality water based enamel paint

“Resistant colour for high demands”

Description: Odourless, new technology water based enamel paint, for indoor/ outdoor use.
Usages: It is applied on wood, metal (aluminium, galvanized metal sheets, etc.), gypsumboards or PVC. Suitable for doors, windows, wardrobes and cupboards, walls, roofs, etc. and for any metal or wooden construction. Especially recommended for children’s rooms, nursery schools, hospitals, schools, etc.
Performance: 10 - 12 m²/lt.
Packing: • In metal cans of 750 ml and 2,5 lt. • In boxes of 10 lt, 4 metal cans of 2,5 lt. • In boxes of 9 lt, 12 metal cans of 750 ml.

Metalwood

High quality alkyd-based paint

“Colour and protection together”

Description: High quality enamel paint with anticorrosive properties.
Usages: It is suitable for metal and wooden surfaces, such as railings, doors, windows, vehicle bodies, furniture, etc. It has excellent resistance to wash and yellowing, providing a perfect finish.
Performance: 13 - 15 m²/lt.
Packing: • In metal cans of 750 ml and 2,5 lt. • In boxes of 10 lt, 4 metal cans of 2,5 lt. • In boxes of 9 lt, 12 metal cans of 750 ml.

Rust Off

Fast-drying anti-corrosive primer

“Fast application, duration in time”

Description: High strength, fast-drying anti-corrosive primer for metal surfaces. Based on synthetic resins, it achieves excellent adhesion.
Usages: It is used as an undercoat for metal surfaces, providing long-term protection against rust and withstanding the roughest conditions.
Performance: 8 - 10 m²/lt.
Packing: • In metal cans of 750 ml and 2,5 lt. • In boxes of 10 lt, 4 metal cans of 2,5 lt. • In boxes of 9 lt, 12 metal cans of 750 ml.
**Byzantino**

**Traditional paint for artistic styles**

“A hint of tradition”

**Description:** Natural paint, based on aged slaked lime, with exceptional anti-mould properties for interior and exterior use.

**Usages:** It can be used on any porous new wall surface, which is not painted. Not suitable for surfaces on which an acrylic or other material has been applied, which has made them non-porous / waterproof (e.g. emulsion paint, oil paint, etc.). It is available in white colour, or in a large number of colour shades, based on a special colour palette.

**Coverage:** Approximately 12 - 14 m²/ lt, for each layer, depending on the substrate.

**Packing:** In plastic containers of 3 & 10 lt.

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**Stucco Veneziano**

**Special aged slaked lime putty**

“Artistic result”

**Description:** Special stucco for the decoration of interior surfaces and the creation of different styles / textures. It consists of natural mineral materials, marble powder, aged slaked lime and special additives which give excellent adhesion properties and workability.

**Usages:** The finish achieved is glossy, smooth and breathable, while not affected by fungi / mould. If it is additionally coated with special wax varnish VELVET WAX it becomes waterproof and washable. The product comes in a white base, which can be coloured with the natural pigments MARMOLINE POWDER COLOUR.

**Coverage:** Approximately 1 m²/kg.

**Packing:** • In plastic containers of 1 and 5 kg. • In boxes of 6 kg, 6 pieces of 1 kg.

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**Anti-Graffiti**

**Anti-Graffiti emulsion**

“Throw water at high pressure and it is clean again”

**Description:** Brushable protective paraffin-based emulsion. It allows the easy cleaning of surfaces on which it has been applied, in case they have been subsequently affected by graffiti, posters or other various environmental pollutants.

**Usages:** It can be applied to walls on building facades, on monuments, etc. It does not affect the appearance of the surface and provides remarkable durability and resistance to weather conditions.

**Consumption:** 100 - 200 ml/m² depending on surface absorbance and smoothness.

**Packing:** In plastic containers of 3 lt.
Velvet Deco
Cement-based quartz finishing screed for walls and floors

“New look: the traditional look in its modern, industrial version”

**Description:** Ready to use, one component, industrial, polymer modified mortar, based on grey and high-strength white cement. With perfectly selected aggregates of special granularity and special additives to achieve resistance to abrasion. Produced in 2 different granularities WALL (fine-grained) and FLOOR (coarse-grained) and in 2 basic colours (white & grey). The MARMOLINE POWDER COLOUR, natural colour pigment powders, can give to VELVET DECO multiple colour shades.

**Usages:** It is used for the aesthetic renovation of interior and exterior surfaces of buildings, for both floors and wall decoration. Suitable to use on smooth concrete surfaces and old surfaces made of old tiles, old mosaics, old coats of marbles, with the appropriate preparation depending on the substrate, combined with the MARMOLINE PRO CONTACT quartz primer. It can be applied in stores and residences indoors and outdoors, in bathrooms, kitchens, showers, on staircases, built-in beds, etc.

**Consumption:** Approx. 1.25 kg/m², for each layer with 1 mm thickness.

**Packing:** • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.
Decorative Cement Screed

**Powder Colour**

*Natural pigments in a powder form*

“8 colours, many colouring shades, infinite combinations”

**Description:** Natural ecological pigments, derived from natural metal oxides that are not harmful to people or the environment. They are available in many basic colours, with which you can create an infinite number of colouring shades of your own choice.

**Usages:** They can be used for colouring MARMOLINE cementitious white mortars such as the VELVET DECO decorative cement-based finishing screed, the SV 60, SV 100, BP 115 single-layer white plasters, or the SV 3, SV 010, FP 140 finish-coat white plasters, creating a coloured and durable final result which remains unchanged in the sunshine and the external environment.

**Consumption:** It depends on the shade of colour that the user wishes to achieve.

**Packing:**
- In plastic containers of 250 gr.
- In boxes of 1,5 kg, 6 pieces of 250 gr.

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<table>
<thead>
<tr>
<th>Powder Colour Shades</th>
<th>Black</th>
<th>Brown</th>
<th>Green</th>
<th>Beige Brown</th>
<th>Yellow Ochre</th>
<th>Blue</th>
<th>Red</th>
<th>White</th>
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**Velvet Primer**

Primer for the decorative cement-based finishing screed varnish

“For strong adhesion”

**Description:** Transparent, brushable water-based primer for strong adhesion.

**Usages:** It improves the adhesion of the water-based varnish VELVET LIQUID S, on absorbent surfaces, such as the decorative cement-based finishing screed.

**Consumption:** 150 - 200 ml/m², depending on the absorbency and the flatness of the surface.

**Packing:** • In plastic containers of 1 lt & 5 lt. • In boxes of 12 lt, 12 pieces of 1 lt.

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**Velvet Wax**

Wax for waterproofing and protection

“Provides durability and beauty”

**Description:** Transparent wax that is suitable for interior and exterior use. Especially resistant to outdoor temperature and humidity conditions.

**Usages:** It is used for the protective coating of absorbent surfaces, such as VELVET DECO decorative cement-based finishing screed, or surfaces painted with the lime paint BYZANTINO. With this coating, the surfaces acquire water repellent properties.

**Consumption:** 150 - 250 ml/m², depending on the absorbency and the smoothness of the surface.

**Packing:** • In plastic containers of 1 lt. • In boxes of 12 lt, 12 pieces of 1 lt.

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**Velvet Liquid**

Protective varnish for decorative cement-based finishing screeds

“It brings out the natural colours of decorative cement-based finishing screeds and stones”

**Description:** Acrylic-based, transparent (matt) polish for impregnation and protection from oils and dirt. Suitable for applications of MARMOLINE VELVET DECO decorative cement-based finishing screed. It is extremely resistant to UV rays. Non-shining, not turning yellow, no flaking.

**Usages:** It is used indoors and outdoors for waterproofing and protection of surfaces of decorative cement-based finishing screed, to prevent stains from domestic dirt and ensure easy cleaning with mild domestic cleaning products. Also used on surfaces of all kinds of natural stones.

**Consumption:** 1 lt per 5 to 8 m² depending on the substrate and its absorbency.

**Packing:** • In plastic containers of 1 lt and 5 lt. • In boxes of 12 lt, 12 pieces of 1 lt.

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**Velvet Liquid S**

Transparent satin varnish for decorative cement-based finishing screed

“Seals and protects”

**Description:** Brushable, transparent, satin, water-based varnish made of acrylic polyurethane.

**Usages:** It is used for sealing and protection of surfaces of MARMOLINE VELVET DECO decorative cement-based finishing screed, as well as for other building materials such as coloured plasters, fair-faced decorative concrete, etc.

**Consumption:** 60 - 90 gr/m² per layer. 1 - 2 layers are required.

**Packing:** • In plastic containers of 1 lt and 5 lt. • In boxes of 12 lt, 12 pieces of 1 lt.
### Velvet Liquid P.U.

**Polyurethane protective varnish - satin**

**Description:** Transparent, satin, solvent-free, one-component aliphatic polyurethane coating. During the application, it is polymerized as a result of the humidity of the environment and creates a unified flexible hydrophobic film, making the surface extremely resistant to abrasion and other stresses. Resistant to UV radiation.

**Usages:** It is used for a transparent protective coat for MARMOLINE VELVET DECO decorative cement-based finishing screed. Due to its properties, it is widely used on floors, walls and other surfaces of houses, offices, retail stores, show rooms, restaurants & night clubs, storage facilities, production areas, showrooms etc.

**Consumption:** 100 - 200 gr/m² per layer. 1 - 2 layers are required.

**Packing:** • In metal containers of 1 kg. • In boxes of 16 kg, 16 pieces of 1 kg.

### Stucco Paste

**White acrylic putty for constructions**

**Description:** Ready to use, acrylic, flexible putty, in the form of white paste.

**Usages:** It can easily fill cracks and joints in concrete or plaster walls, gypsum boards, etc.

**Packing:** • In plastic containers of 800 gr. • In boxes of 9,6 kg, 12 pieces of 800 gr.

### Stucco Bianco

**White acrylic stucco for smooth surfaces, for interior and exterior use**

**Description:** White, super fine-grained stucco reinforced with modified polymers.

**Usages:** It is a fine-grained puttying material used for the perfect smoothing of surfaces such as plaster, concrete, plasterboard and aerated concrete, in interior or exterior areas prior to painting. It can be easily applied on the surface without need for priming and preparation. It replaces oil putties. Easy to float, does not crack, does not lump. The product's advanced granulometry brings very good results even on most demanding surfaces. It is breathable and environmentally friendly.

**Consumption:** Approx. 1 kg of mortar per m² per 1 mm of thickness.

**Packing:**
- In bags of 20 kg.
- In palette of 1.080 kg, 54 bags of 20 kg.
- In bags of 5 kg.
- In cardboard boxes of 20 kg, 4 bags of 5 kg.
Ready Plasters
Flooring Preparation
Repair Materials
ST 10 Pro Value

White acrylic stucco for smooth surfaces, for indoor and outdoor use

Ultra-white, ultra-thin, ultra-effective

Description: White super fine-grained stucco for indoor and outdoor use.
Usages: It is a fine-grained puttying material used for the perfect smoothing of surfaces such as plaster, concrete, plasterboard and aerated concrete, in interior or exterior areas prior to painting. It can be easily applied on the surface without need for priming and preparation. Easy to float, does not crack, does not lump. Ideal for repair works. It is breathable and environmentally friendly.
Consumption: Approx. 1 kg of mortar per m² per 1 mm of thickness.
Packing: • In bags of 20 kg. • In palette of 1.080 kg, 54 bags of 20 kg.

Decor SV 010

White waterproof exterior finish-coat plaster

“The ideal protection against moisture”

Description: Ready mortar based on high-strength Portland white cement (I - 52,5), white marble fine-grained aggregates, calcium hydroxide and special additives to improve adhesion and achieve waterproofing. Mix only with water.
Usages: It is used when applying the three-coat technique, as finish-coat plaster (marble based) on exterior surfaces previously roughcasted with SV 2 base-coat plaster. Ideal in case where additional protection from humidity is needed (seafront houses, islands, mountainous areas, etc.). Due to its fine granulometry (<1.2 mm) and to the physical characteristics of marble powder, it gives a white and smooth final surface ready for scrubbing and painting. In special cases, the product can be reinforced with MARMOLINE MP 20 acrylic dispersion.
Consumption: Approx. 6 - 7 kg of mortar per m² of 0.5 cm thick plaster.
Packing: • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.
• In big-bags of 1.000 kg. • In bulk in a silo with a capacity of 12 - 18 - 22 m³.

MONO SV 100

Single layer white plaster

“Cost saving: single layer, final, white surface. Lightweight and water-repellent”

Description: Ready mortar based on high-strength Portland white cement (I - 52,5), white marble fine-grained aggregates, calcium hydroxide, and special additives to improve adhesion. Simply mix with water. It minimizes material preparation time and increases the speed of application.
Usages: It is used as one-coat plaster, on exterior and interior surfaces, after having applied SV 1 (high-strength cement primer plaster). It replaces roughcasting and marble based finish-coat plaster, combining both in one coat. The layer thickness should not exceed 2 cm. Apply it just like render and scrub like marble-based finish-coat plaster. Due to the nature and the fine granulometry of the marble powder (<1.2 mm), it gives a white and smooth final surface ready for scrubbing and painting. In special cases, the product can be reinforced by adding MARMOLINE MP 20 acrylic dispersion.
Consumption: Approx. 12 - 14 kg of mortar per m² for a layer with 1 cm thickness.
Packing: • In bags of 40 kg. • In palette of 1.400 kg, 35 bags of 40 kg.
• In big-bags of 1.000 kg. • In bulk in a silo of a capacity of 12 - 18 - 22 m³.
BP 115
Single layer white plaster

“Final white surface in only one coat”

**Description:** Ready mortar based on Portland white cement, aggregates of selected granulometry and modified polymers to improve adhesion. Simply mix with water.

**Usages:** It can be used as one-coat plaster on exterior and interior surfaces after SV 1 high-strength sprayed cement primer plaster. It replaces roughcasting and marble based finish-coat plaster, combining both in one coat. Apply just like render and scrub like marble based finish-coat plaster. The application thickness should not exceed 2 cm. It gives a smooth final surface ready for scrubbing and painting. In special cases, the product can be reinforced by adding MARMOLINE MP 20 acrylic dispersion.

**Consumption:** Approx. 13 - 14 kg of mortar per m² of 1 cm thick plaster.

**Packing:**
- In bags of 40 kg.
- In palette of 1,400 kg, 35 bags of 40 kg.
- In big-bags of 1,000 kg.
- In bulk in a silo with a capacity of 12 - 18 - 22 m³.

SV 60
Single layer plaster

“Final surface in one coat”

**Description:** Ready mortar based on high-strength Portland white cement (I - 52,5), aggregates of selected granulometry, calcium hydroxide, and special additives to improve adhesion.

**Usages:** Use it as one-coat plaster, on exterior and interior surfaces, after having applied SV 1 (high-strength cement primer plaster). It replaces roughcasting and marble-based finish-coat plaster, combining both in one coat. Apply it just like render and scrub like marble-based finish-coat plaster. The application thickness must not exceed 2.0 cm. Due to the nature and the fine granulometry of the aggregate material (≤2.0 mm), it gives a smooth final surface ready for scrubbing and painting. Apply it either by hand, with a trowel (for handyman work), or with plastering pumps. In special cases, the product can be reinforced by adding MARMOLINE MP 20 acrylic dispersion.

**Consumption:** Approx. 15 kg of mortar per m² for a layer with 1 cm thickness.

**Packing:**
- In bags of 30 kg.
- In palette of 1,440 kg, 48 bags of 30 kg.
- In big-bags of 1,000 kg.
- In bulk in a silo with a capacity of 12 - 18 - 22 m³.
SV 1
High-strength sprayed cement primer plaster

“First coat of primer plaster for all plastering applications”

**Description:** Ready industrial mortar based on Portland grey cement, white marble aggregates, calcium hydrox-ide, and special additives to improve adhesion to difficult surfaces. Simply mix with water. It minimizes material preparation time.

**Usages:** It is used as a first coat plaster (sprayed or spattered) in all plastering techniques and methods, in order to prepare the substrate for the application of the next coats of plasters. It is suitable for both interior and exterior surfaces. Apply it on bricks, cement blocks, aerated concrete elements (like YTONG, etc.), concrete surfaces (pillars - ceilings - beams, etc.), stone, thermal insulation boards, and other materials. In cases of very difficult surfaces, such as fair-face concrete, it is required to add the MARMOLINE MP 20 acrylic dispersion.

**Consumption:** Approx. 6 - 8 kg of mortar per m² for a layer with 0.5 cm thickness.

**Packing:**
- In bags of 40 kg.
- In palette of 1.400 kg, 35 bags of 40 kg.
- In big-bags of 1.000 kg.
- In bulk in a silo with a capacity of 12 - 18 - 22 m³.

SV 2
Base coat plaster

“Base coat plaster for guides and filling operations”

**Description:** Ready industrial mortar based on Portland grey cement, white marble aggregates, calcium hydrox-ide, and special additives to improve adhesion on difficult surfaces.

**Usages:** It is used as base coat plaster (roughcast), on exterior and interior surfaces, when applying the three-coat technique, to smooth out the surface in order to apply a finish-coat plaster. It is also used to form mortar application guides. You can apply it on bricks, cement blocks, aerated concrete elements, concrete surfaces (pillars - ceilings - bind-beams, etc.), stone, thermal insulation boards and other materials, provided that SV 1 primer plaster has been previously applied. In special cases, the product can be reinforced by adding MARMOLINE MP 20 acrylic dispersion.

**Consumption:** Approx. 16 kg of mortar per m² for a layer with 1 cm thickness.

**Packing:**
- In bags of 40 kg.
- In palette of 1.400 kg, 35 bags of 40 kg.
- In big-bags of 1.000 kg.
- In bulk in a silo with a capacity of 12 - 18 - 22 m³.
SV 3

Marble-based white finish-coat plaster

“Smooth finish”

**Description:** Ready mortar based on high-strength Portland white cement (I - 52.5), white marble aggregates, calcium hydroxide and special additives to improve adhesion.

**Usages:** It is used when applying the three-coat technique, as finish-coat plaster (marble based), on exterior and interior surfaces previously roughcasted with SV 2 base-coat plaster. Due to its fine granulometry (<1.2 mm) and to the physical characteristics of marble powder, it gives a white and smooth final surface ready for scrubbing and painting. In special cases, the product can be reinforced with MARMOLINE MP 20 acrylic dispersion.

**Consumption:** Approx. 7 kg of mortar per m² for a layer with 0.5 cm thickness.

**Packing:**
- In bags of 40 kg.
- In palette of 1.400 kg, 35 bags of 40 kg.
- In big-bags of 1.000 kg.
- In bulk in a silo with a capacity of 12 - 18 - 22 m³.

FP 140

Waterproof finish-coat marble-based plaster

“Finish-coat for waterproofing”

**Description:** Waterproof marble-based plaster, based on high-strength Portland white cement (I - 52.5), fine-grained aggregates from the famous Greek Dionysos white marble, calcium hydroxide and special additives to improve adhesion and achieve waterproofing. Mix only with water.

**Usages:** It is used when applying the three-coat technique, as finish-coat plaster (marble) on exterior surfaces previously roughcasted with SV 2 base-coat plaster. Ideal for protection from humidity (seafront houses, islands, mountainous - partly mountainous areas, etc.). It gives a white and smooth final surface ready for scrubbing and painting, due to the nature and fine granulometry of Dionysos marble content (<1.2 mm). In special cases, the product can be further reinforced by adding MARMOLINE MP 20 acrylic dispersion.

**Consumption:** Approx. 7 - 7.5 kg of mortar, per m² of 0.5 cm thick plaster.

**Packing:**
- In bags of 25 kg.
- In palette of 1.500 kg, 60 bags of 25 kg.
- In big-bags of 1.000 kg.
- In bulk in a silo with a capacity of 12 - 18 - 22 m³.
Corner Beads For Reinforcing Masonry Edges
Galvanized Drips
Plaster Guides
Reinforcing Fibreglass Meshes

Corner Beads for Reinforcing Masonry Edges.
Special protective metal brackets of masonry edges. They are made of galvanized iron and are suitable for reinforcing wall corners, on both interior and exterior surfaces of buildings. The corner bead reinforces the edges, protecting the plaster from possible shocks and damages. It is fixed on the wall using cement based wet mortar and MARMOLINE plasters. It is not allowed to use gypsum to attach the corner beads.

Galvanized drips.
Galvanized drips with mesh, which are attached externally around doors and windows and on several sides of the building’s surfaces, creating a niche for purely architectural aesthetic purposes. The user can later paint the drip in the colour of their preference. The mesh provides proper support of the drip and helps the adhesion of the subsequent coats of MARMOLINE plasters. The drip is attached in the same way as the corner beads.

Plaster Guides.
Special, metal, galvanized elements which help the technician during the application of the coat plasters. They are attached (levelled) before applying the MARMOLINE one coat plasters, enabling the technician to quickly, easily and economically apply the subsequent coats of plasters.

Reinforcing Fibreglass Meshes.
Reinforcing fibreglass meshes are used for the strengthening of cementitious mortars, in case a surface consists of different substrates (concrete, bricks, heat insulating plates, etc.). The proper placement of the fibreglass mesh prevents the formation of cracks on the layers of plaster that are placed over the coating. Fibreglass mesh is also used for the reinforcement of the surface of external thermal insulation composite systems.
Reinforcing Fibreglass Meshes

Plaster Guides

Galvanized Drips

Corner Beads For Reinforcing Masonry Edges

“For filling and levelling of floors before fixing tiles”

Description: Cement screed based on Portland grey cement, white marble aggregates and special additives to improve adhesion to difficult surfaces and improve its flow properties. It does not contain lime. Simply mix with water.

Usages: It is used for filling, leveling and sloping of floors, to create a final surface suitable for fixing ceramic tiles, marbles or granites. You can use it indoors or outdoors (balconies, roofs, flat-roofs, etc.). Also for underfloor heating systems. It does not crack. It does not affect pipes. Recommended application thickness: 3 to 15 cm.

Consumption: Approx. 16 - 17 kg per m² for 1 cm of thickness.

Packing: • In bags of 40 kg. • In palette of 1.400 kg. 35 bags of 40 kg.
• In big-bags 1.000 kg. • In bulk in a silo with a capacity of 12 - 18 - 22 m³.

Flow 200

Levelling floor screed 1 - 3 cm

“Filling and levelling of low thickness floors”

Description: Ready mortar based on grey Portland cement, white marble graded aggregates and special additives to improve adhesion to difficult surfaces and improve its flow properties. It does not contain lime. Simply mix with water.

Usages: It is used to fill and level floors, to create a final surface for fixing tiles, marbles or granites. Suitable for indoors or outdoors use (balconies, roofs, flat-roofs, etc.). It does not crack. It produces a perfect and particularly hard final surface. Recommended for thickness from 1 to 3 cm.

Consumption: Approx. 16 - 18 kg of dry mortar per m², for 1 cm of thickness.

Packing: • In bags of 40 kg. • In palette of 1.400 kg. 35 bags of 40 kg.
• In bulk in a silo with a capacity of 12 - 18 - 22 m³.

Flow SL 500

Self-levelling quick-setting underlayment cement screed 1 - 10 mm

“High strength. Excellent flow. Floors of the highest standards”

Description: Ready to use, one component, cementitious mortar, based on high-strength grey cement of special granulometry, aggregates and special enhancing additives for fast and easy self-levelling coating of floors. It provides excellent levelling of the substrate.

Usages: Self-leveling polymer modified cement screed, used to create flat and durable surfaces on concrete, cement screed, mosaic floors, etc. Use it to fill cavities of floors and repair defects on existing substrates. Ideal in cases of floors where plastic tiles, wooden floors or carpet are to be fixed. You can use it also on underfloor heating systems. The final surface is high-strength and abrasion-resistant. In industrial buildings, it can be left uncovered and be painted. It can also be the final surface of secondary building areas, such as warehouses, attics, basements, etc.

Consumption: Approx. 16 - 17 kg of dry mortar per m² for 1 cm of thickness.

Packing: • In bags of 30 kg. • In palette of 1.440 kg. 48 bags of 30 kg.
**Perlite Mix Beton (& Reinforced)**

**Semi-finished product for lightweight concrete / floor filling - levelling - sloping**

“Lightweight but powerful”

**Description:** Semi-finished product for lightweight concrete, based on expanded perlite, providing thermal and sound insulating properties.

**Usages:** After mixing with cement and water, it can be used for replacing the cement screed in filling / levelling of floors and in creating slopes on rooftops. It gives excellent pumpability properties to the concrete and facilitates laying. It combines low weight and excellent mechanical strength. The final surface is light and durable and can directly accept ceramic or natural stone tiles. Its compressive strength can be up to 80 kg/m², depending on the amount of cement to be used in mixing. It is ideal for renovating old floors.

**Packing:** • In bags of 50 lt. • In palette of 2 m³.

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**Perlorock 3 & 5**

**Expanded perlite in grains 0 - 3 mm & 0 - 5 mm**

“Thermal insulation - Sound insulation - Fire protection”

**Description:** Mineral perlite which has been mechanically treated (heated in high temperature 800 - 1200°C). The initial perlite grains expand at high temperature and numerous closed cells are formed inside them, providing multiple insulation properties.

**Usages:** The main use of PERLOROCK 3 & 5 is the production of perlite concrete, which is a type of lightweight concrete, used for filling of floors or roofs’ surfaces and for the creation of slopes, providing the insulation properties of expanded perlite.

**Packing:** • In bags of 100 lt. • In palette of 3,8 m³, 38 bags of 100 lt.

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**Perlomonosis**

**Insulating filling material in grains**

“For effective insulation in low cost”

**Description:** Insulation material in the form of grains, which is produced by thermal expansion of mineral perlite and subsequent special treatment of the grains produced, in order to become waterproof.

**Usages:** It provides thermal insulation (thermal conductivity coefficient λ=0,038 kcal/m²h°C), sound insulation and fire protection.

**Packing:** • In bags of 100 lt. • In palette of 3,8 m³, 38 bags of 100 lt.
Pro Contact

Quartz-filled adhesion primer

“Multiple applications, reliable adhesions”

Description: Quartz-filled adhesion primer with modified polymers and aggregates of selected granulometry. It provides excellent adhesion to all substrates. Usages: It is used as a bonding primer on smooth and non-absorbent surfaces such as visible concrete - mosaics - old layers of marble - painted masonry surfaces intended for plastering. It ensures excellent adhesion of the plaster to be used on masonry surfaces. It is applied to the substrate prior to the use of decorative cement screed VELVET DECO.

Consumption: Approx. 300 - 400 gr/m² depending on the type of substrate.

Packing: • In plastic containers of 5 kg and 20 kg. • In palette of 320 kg, 16 containers of 20 kg. • In palette of 300 kg, 60 containers of 5 kg.

GN 30

Sprayed mortar for masonry reinforcement

“The solution for reconstruction and bracing of structural elements”

Description: Single component ready mortar, based on Portland grey cement, aggregates of various grain-sizes, various chemical additives and fibres. It does not contain lime.

Usages: It is used in cases where brickwork needs significant reinforcement (e.g. old brick- and stone-walls, etc.). In cases of dislocated masonry combined with metal mesh. Also used as high-strength mortar in structures with 3D grating, before applying the plaster, as well as on substrates of bricks, cement blocks, aerated concrete (e.g. YTONG), concrete, stone, etc.

Consumption: Approx. 20 kg of dry mortar per m² for 1 cm of thickness.

Packing: • In bags of 30 kg. • In palette of 1,620 kg, 54 bags of 30 kg. • In big-bags of 1,000 kg.

SV 101

Single layer fast-setting white repair plaster

“Fast and easy repair. Ideal for professionals and consumers”

Description: Fast-setting, ready, white mortar of single layer repair plaster, based on Portland white cement, calcium hydroxide, aggregates of selected granulometry and special additives to ensure strong adhesion to the substrate and high mechanical strength.

Usages: It is used to repair and restore worn parts of plaster, in old and new structures, on exterior and interior surfaces of buildings. Due to its special composition, it is an indispensable tool for both professionals (house painters - electricians - aluminium technicians - plumbers) and consumers. Consumption: Approx. 12 - 14 kg of mortar per m² for a layer with 1 cm thickness.

Packing: • In bags of 25 kg. • In palette of 1,350 kg, 54 bags of 25 kg. • In bags of 5 kg.

SV 103

Single layer white repair plaster

“Safe and economic repair in one coat”

Description: Single layer white repair plaster, based on Portland white cement, calcium hydroxide, aggregates of selected granulometry and special additives to ensure strong adhesion to the substrate and high mechanical strength. Usages: It is used to repair and restore worn parts of plaster, in old and new structures, on exterior and interior surfaces of buildings. Due to its special composition, it is an indispensable tool for both professionals (house painters - electricians - aluminium technicians - plumbers) and consumers. Consumption: Approx. 12 - 14 kg of mortar per m² for a layer with 1 cm thickness. Packing: • In bags of 25 kg. • In palette of 1,350 kg, 54 bags of 25 kg.
**MP 20**

**Acrylic dispersion for mortar improvement**

“Add a product, get countless applications”

**Description:** Acrylic dispersion for mortars. It improves their workability while increasing their mechanical and chemical strengths. Due to its specially designed composition, it also increases the adhesion, flexibility and sealing properties of both ready and traditional mortars.

**Usages:** It can be used with all traditional and ready mortars: • Masonry mortar: improves adhesion of mortars. • Plasters: It improves adhesion, strength and waterproofing. In particular, it is recommended for use with SV 1 sprayed primer plaster, when applied on difficult surfaces, such as smooth or fair-face concrete, etc. For this purpose, replace part of the water with MP 20. • It increases the adhesion and moisture resistance of adhesive products. It strengthens grouts against moisture and frost while increasing their mechanical strength. It creates a suitable surface for adhesion to non-absorbent surfaces such as old tiles, marble, mosaics, etc. It is an essential primer for gypsum plasters which are about to be lined with tiles. It prevents shrinkage and capillary cracks during setting of the cementitious mortars. • Waterproofing, brushable mortars: It improves waterproofing and flexibility of the mortar. • Stuccos: It increases strength and improves adhesion. • It can be used as a primer, diluted with water (50 to 100% water) onto concrete, bricks or an older mortar, before the application of a new mortar. Pay particular attention to apply the new mortar before the MP 20 layer dries.

**Packing:** • In plastic containers of 1 kg, 5 kg, 10 kg and 20 kg. • In cardboard boxes of 12 pieces of 1 kg. • In palette of 480 kg, containers of 1 kg. • In palette of 300 kg, 60 containers of 5 kg. • In palette of 400 kg, 40 containers of 10 kg. • In palette of 480 kg, 24 containers of 20 kg.

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**M Steel 44**

**Brushable cement based primer for reinforcement**

“Protects the reinforcement and provides anchoring to the substrate”

**Description:** Ready cementitious mortar for the protection of concrete reinforcement from corrosion.

**Usages:** It is used in repairs of concrete to protect the reinforcement from corrosion in cases such as: damages from earthquake, concrete problems from carbonation, failures in the application. It is also used as a bonding layer between old and new layer of mortar in repairs of concrete or other repair work. It can also be used preventively on the reinforcement of structural elements in a humid environment.

**Packing:** • In plastic containers of 1 kg. • In cardboard boxes of 12 pieces of 1 kg. • In palette of 480 kg.

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**GB 250**

**Grained concrete**

“High-strength filling material. Use as a base for many applications & tie systems”

**Description:** Ready pre-mixed dry grained concrete based on Portland cement, sand and concrete gravel of selected grading, as well as special additives which improve strength and minimize corrosion of the reinforcement. Simply add water.

**Usages:** Once mixed with water, it is used to fill the reinforced moulds of horizontal tie systems and lintels. It is also used in various construction operations, and wherever a high-strength gravel concrete is needed.

**Consumption:** A 40 kg bag delivers approx. 21 lt of concrete wet mix. Approximately 2 tons of dry mortar are required to fill 1 m³.

**Packing:** • In bags of 40 kg. • In palette of 1,400 kg, 35 bags of 40 kg.
**G Cement**

**Grey cement**

“The reliable choice”

**Description:** Portland grey cement. It can be mixed with sand or marble aggregates in various proportions according to the requirements.

**Usages:** Grey cement of general use. By adding the MARMOLINE MP 20 resin, you can create water-tight and highly abrasion-resistant mortars.

**Packing:**
- In bags of 4 kg.
- In cardboard boxes of 16 kg, 4 bags of 4 kg.
- In palette of 768 kg, 48 cardboard boxes of 16 kg.

**W Cement**

**White cement**

“Multi-purpose, high standard cement”

**Description:** High strength Portland white cement (I - 52.5). It can be mixed with sand or marble aggregates in various proportions according to the requirements.

**Usages:** It is used to prepare high-quality cement mortars for all kinds of repairs and handyman work and in general wherever you need a high-quality and high-strength white mortar. With white cement you can prepare all building materials that require white cement. By adding the MARMOLINE MP 20 resin you can create water-tight and highly abrasion-resistant mortars.

**Packing:**
- In bags of 4 kg.
- In cardboard boxes of 16 kg, 4 bags of 4 kg.
- In palette of 768 kg, 48 cardboard boxes of 16 kg.
**LX 40**

**Masonry mortar**

"For the building of bricks and other building materials"

**Description:** Ready mortar based on Portland grey cement, marble aggregates of selected grading and special additives to improve adhesion. Simply mix with water. It significantly speeds up the material preparation time and the construction of the brickwork.

**Usages:** It is used to build bricks, large bricks, cement blocks and in general any kind of structural material on indoor and outdoor partitions of brickwork. It is also used to lay paving stones and sets of stones.

**Consumption:** Approx. 20 kg/m² for bricks with dimensions 6 x 9 x 19 cm.

**Packing:**
- In bags of 40 kg.
- In palette of 1.400 kg, 35 bags of 40 kg.
- In big-bags of 1.000 kg.
- In bulk in a silo of a capacity of 12 - 18 - 22 m³.

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**KL 101**

**Adhesive for aerated concrete blocks**

"A powerful product for aerated concrete building elements"

**Description:** Ready white mortar, based on high-strength Portland white cement, aggregates of selected granulometry and special additives to improve adhesiveness.

**Usages:** It is used as a bonding material for the fixing of structural elements made of aerated concrete (e.g. YTONG), as well as other similar elements, on both outdoor and indoor brickworks. Also used for the adhesion of other building materials such as decorative bricks, etc.

**Consumption:** 1 bag of 25 kg is needed for 1,4 - 1,6 m³ of aerated concrete.

**Packing:**
- In bags of 25 kg.
- In palette of 1.500 kg, 60 bags of 25 kg.

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**Pyro Pro**

**Refractory adhesive mortar**

"Refractory mortar for building of firebricks and repairing joints"

**Description:** Special mortar based on fire-proof cement, aggregates of special granulometry and special additives for building and proper joint-filling of firebricks. Extremely resistant to high temperatures developed in fireplaces, kilns and chimneys.

**Usages:** It is used for building and joint-filling of firebricks in new fireplaces - kilns - chimneys - barbecues indoors and outdoors, as well as to restore any worn parts.

**Consumption:** Depending on the dimensions of firebricks and joints. For bricks with dimensions 20 x 10 x 3 cm and joint width 1 cm, you need about 5 kg/m².

**Packing:**
- In bags of 7 kg.
- In palette of 1.008 kg, 36 boxes of 28 kg.
Concrete Repair
& Protection
“for durable repairs”

Pure quartz aggregates formula
Fluidcrete R4
Flowable mortar for structural concrete repairs and anchoring

“Highly flowable and shrinkage compensated mortar”

Description: Single component, cementitious, high strength, shrinkage compensated, flowable mortar. Ideal for structural concrete repairs, precision grouting and anchoring of reinforcement.

Usages: It is suitable for:
- Repairs of structural elements of concrete (beams, columns) using formworks.
- Precision grouting of machinery and steel columns.
- Horizontal anchoring of steel reinforcing bars.

Consumption: Approx. 20 kg of powder product per m² per 10 mm layer thickness.

Packing: • In bags of 25 kg.
• In palette of 1.350 kg, 54 bags of 25 kg.

Thixocrete R4
Thixotropic mortar for structural concrete repairs

“R4 high resistance thixotropic cementitious mortar, ideal for structural repairs.”

Description: Single component, cementitious, high strength, shrinkage compensated, fibre reinforced, thixotropic mortar. Suitable for concrete repairs with layer thicknesses 10 - 40 mm.

Usages: It is suitable for:
- Repairs of structural elements of concrete (beams, columns).
- Concrete cavities due to poor casting and weak vibration.
- Repairs of concrete precast elements.

Consumption: Approx. 20 kg of powder product per m² per 10 mm layer thickness.

Packing: • In bags of 25 kg.
• In palette of 1.350 kg, 54 bags of 25 kg.
• In bags of 5 kg.
• In cardboard boxes of 20 kg, 4 bags of 5 kg.
• In palette of 960 kg, 48 cardboard boxes of 20 kg.

BS 18
Fibre reinforced repair mortar for fair-faced concrete

“Puttying and restoration of concrete surfaces”

Description: Fine-grained, fibre-reinforced, grey cementitious mortar, suitable for the aesthetic repair (puttying) of fair-faced concrete elements. It contains modified polymers for high adhesion, elasticity and watertightness. It does not contain lime.

Usages: It is used to cover and aesthetically repair blebs and other imperfections noticed after removal of the casing of various concrete elements. If there is already partial corrosion of the reinforcement, it should be checked and repaired with specialized products, such as: M STEEL 44, THIXOCRETE R4, FLUIDCRETE R4.

Consumption: Approx. 1.8 kg of dry mortar per m² for 1 mm of thickness.

Packing: • In bags of 5 kg and 25 kg.
• In palette of 1.350 kg, 54 bags of 25 kg.
• In palette of 240 kg, 48 bags of 5 kg.
• In big-bags of 1.000 kg.
• In bulk in a silo with a capacity of 12 - 18 - 22 m³.
**Dura EP Paste**

Multipurpose two component epoxy resin

“Great strength, high resistance”

**Description:** Two component epoxy paste without solvents, based on selected resins and fillers. It is characterized by high chemical and mechanical resistance, as well as by strong adhesion to most common building materials. It is impermeable and resistant to most common acids, alkaline solvents and hydrocarbons. **Usages:** It is ideal for concrete repairs, anchoring of reinforcement and as an adhesive for most common building materials. It is suitable for: bonding of concrete elements, metal, plastic, wood, etc., welding of steel plates and laminates of FRPs, putting of cracks before using DURA EP INJECTION, repairs of sections from corners, cracks and nests in prefabricated or non concrete elements.

**Consumption:** For a thickness of 1 mm, approx. 1.65 kg of the mixture is required per m².

**Packing:**
- In metal containers (Set A + B = 1 kg).
- Component A (Resin) = 0.75 kg, Component B (Hardener) = 0.25 kg.

**Dura EP Fluid**

Two component solvent free fluid epoxy mortar

“High resistance in repairs, anchoring, restoration of cracks in the concrete”

**Description:** Two component, fluid epoxy mortar without solvents, based on selected resins and fillers. **Usages:** It is ideal for the restoration of cracks in concrete, as well as for bonding old and new concrete. In addition it can be used for anchoring dowels and steel rebars on horizontal surfaces. **Consumption:** For thickness of 1 mm approx. 1.55 kg of mixture per m² is required. **Packing:**
- In metal containers (Set A + B = 1 kg).
- Component A (Resin) = 0.75 kg, Component B (Hardener) = 0.25 kg.

**Dura EP Injection**

Solvent free two component epoxy injection resin

“High resistance and penetration in repairs and restoration of cracks”

**Description:** Two component, solvent free, low viscosity, epoxy injection resin, based on selected resins and hardeners. Its low viscosity allows the resin to penetrate the cracks and gaps. The excellent adhesion combined with the high strength, allows the creation of a monolithic construction. **Usages:** It is suitable for repairing concrete cracks. It can also be used for anchoring of reinforcement in cases of pre-stressed wires. It is used for crack widths between 0.8 - 3 mm. **Consumption:** WINTER: 1.1 kg of resin is required in order to fill a volume of 1 lt. SUMMER: 1.02 kg of resin is required in order to fill a volume of 1 lt.

**Packing:**
- In metal containers (Set A + B = 1 kg).
- SUMMER: Component A (Resin) = 0.65 kg, Component B (Hardener) = 0.35 kg.
- WINTER: Component A (Resin) = 0.80 kg, Component B (Hardener) = 0.20 kg.

**Hard Top Q**

Cement based concrete surface hardener

“For very demanding surfaces”

**Description:** Surface hardener based on high strength cement with graded quartz aggregates and special additives that can be coloured with inorganic pigments. **Usages:** It is applied on fresh concrete and is used for improving the surface hardness and the abrasion resistance of monolithic concrete floors. Typical applications: warehouses, garages, loading-unloading platforms, corridors, slip resistant ramps, etc. **Consumption:** 2 - 5 kg/m², depending on the different usages of the floor. **Packing:**
- In bags of 25 kg.
- In palette of 1.350 kg, 54 bags of 25 kg.
**Top Coat Primer**

Two component epoxy primer without solvents

“Epoxy primer for concrete flooring”

**Description:** Two component, low viscosity epoxy resin. It consists of a special thin resin and hardener. Suitable to be used as a primer before the application of TOP COAT EP.

**Usages:** It can be used as a primer before applying the epoxy floor protection system TOP COAT EP, as well as for the adhesion between newly laid and old concrete.

**Packing:**
- In plastic containers (Set A + B = 3 kg).
- Component A (Resin) = 2.25 kg. Component B (Hardener) = 0.75 kg.

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**Top Coat EP**

Coloured epoxy coating for concrete

“High strength, solvent-free coloured epoxy coating with glossy finish”

**Description:** Two-component coloured epoxy-based, solvent-free coating. The product is based on a low viscosity epoxy resin and a hardener.

**Usages:** It can be used as a final layer for the protection of concrete floors, mosaic floors and polymer floor screeds.

**Consumption:** Consumption ranges at about 0.250 kg/m² per layer. Recommendation: apply in 2-3 layers.

**Packing:**
- In plastic containers (Components A + B) 3 kg & 10 kg.
Adhesives for Tiles / Marbles / Granites
Grouts
Adhesives for Tiles / Marbles / Granites
Grouts
Universal White
White polymer modified adhesive for tiles (C1T)
“Strong and reliable adhesions”

Description: White tile adhesive based on white cement, white marble aggregates and special additives to improve adhesion, with improved anti-slip properties. Usages: A reliable solution for professionals. For strong adhesions of ceramic and monocottura tiles, and decorative bricks on common cementitious-based substrates of floor or wall, indoors or outdoors. When applied to tiles with reduced absorbency, it is recommended to mix it with the MARMOLINE MP 20 acrylic dispersion. Consumption: Approx. 2.5 - 4.0 kg/m², depending on the size and type of tile. Packing: • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg. • In bags of 5 kg. • In cardboard boxes of 20 kg, 4 bags of 5 kg. • In palette of 960 kg, 48 cardboard boxes of 20 kg.

Super 100
White polymer modified tile adhesive (C2TE)
“Reinforced adhesive for difficult substrates”

Description: White cementitious tile adhesive (C2TE). Suitable for cases where strong adhesion is needed, with improved anti-slip properties of tiles and an extended open time for application. Usages: It is used for strong bonding of any kind of tiles such as low-absorbency tiles, clinker-type tiles, natural and artificial decorative stones etc., indoors and outdoors. Ideal for common floor or wall substrates such as concrete, aerated concrete, plaster, brick wall, etc. For adhesion on mosaics or old tile floors, you should first prime the surfaces with MARMOLINE PRO CONTACT quartz-filled adhesion primer. Consumption: Approx. 2.5 - 4 kg/m², depending on the size and type of tile. Packing: • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg. • In bags of 5 kg. • In cardboard boxes of 20 kg, 4 bags of 5 kg. • In palette of 960 kg, 48 cardboard boxes of 20 kg.

Rapid 180
Fast-setting polymer modified tile adhesive (C1FT)
“Ideal adhesive for building and home restorations”

Description: Fast-stetting, ready polymer modified adhesive for professional use. Usages: For fast and strong adhesions of tiles, decorative bricks and other structural elements, on interior and exterior surfaces of buildings. It is a reliable solution for amateurs and professionals who look for fast applications. It is applied to surfaces such as concrete, aerated concrete, plaster, brick wall, etc. For application on non-absorbent surfaces such as mosaic, old tiles, marbles, etc., you should first prime the surfaces with MARMOLINE PRO CONTACT quartz-filled adhesion primer. Consumption: Approx. 2.5 - 4 kg/m², depending on the size and type of tile. Packing: • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.
**Flex 2000**

Flexible polymer modified tile adhesive (C2TES1)

"Strong adhesion, lasts for a lifetime"

**Description:** Cementitious white adhesive for all types of tiles, based on high-strength Portland white cement (I - 52.5), reinforced with modified polymers, selected white marble aggregates and special additives to improve adhesion of tiles to difficult, non-absorbent surfaces, where flexible and strong adhesion is required. Proven particularly resistant to humid environment and frost-proof.

**Usages:** Strong adhesion of all types of ceramic tiles, including non-absorbent ones, on floors or walls, in dry or wet areas (baths, swimming pools, etc.), on floors with underfloor heating, etc. You can use it on various substrates such as: plaster, concrete, aerated concrete, brick wall, etc. For adhesion on gypsum boards or cement sheets, you should first prime the surfaces with MARMOLINE MST 11 acrylic water-based primer.

**Consumption:** Approx. 2.5 - 4.0 kg/m², depending on the size and type of tile.

**Packing:** • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg. • In bags of 5 kg.

• In cardboard boxes of 20 kg, 4 bags of 5 kg. • In palette of 960 kg, 48 cardboard boxes of 20 kg.

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**Flex 2600**

High quality flexible polymer modified adhesive (C2TES1)

"Flexible, resistant, protective"

**Description:** Cementitious white adhesive, based on high-strength Portland white cement (I - 52.5), reinforced with modified polymers and selected aggregates.

**Usages:** For the fixing of all types and sizes of tiles and marble or granite slabs, as well as decorative stones, ceramic tiles, etc. on floors or walls, indoors or outdoors. Especially suitable for white or light colored marbles, which are sensitive to stains. For the placement of white marbles, we recommend that you apply MARMOLINE POWER 2 SLAB at the back surface of said marbles, before you fix them using the FLEX 2600 adhesive.

**Consumption:** Approximately 2.5 - 4.0 kg/m², depending on the size and type of tiles.

**Packing:** • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.

• In bags of 5 kg.

• In cardboard boxes of 20 kg, 4 bags of 5 kg.

• In palette of 960 kg, 48 cardboard boxes of 20 kg.

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**Flex 3000**

High-quality flexible adhesive for any kind of tiles (C2TES2)

"Steadfast adhesion for every material, every application"

**Description:** White, strong, flexible cementitious adhesive (C2TES2) with modified polymers and special additives to improve adhesion to difficult, non-absorbent surfaces, where flexible and strong adhesion is required. Proven particularly resistant to humid environment and frost-proof.

**Usages:** For very strong adhesions of any types of tiles (ceramic tiles or marble / granite tiles), on floors or walls, in dry or wet areas (baths, swimming pools, etc.), on floors with underfloor heating, etc. You can use it on various substrates such as: plaster, concrete, aerated concrete, brick wall, etc. For adhesion on gypsum boards or cement sheets, mosaics, old tile floors or old plastic tiles (if they do not come off), you should first prime the surfaces with MARMOLINE PRO CONTACT quartz filled adhesion primer.

**Consumption:** Approx. 2.5 - 4.0 kg/m² depending on the size and type of tile.

**Packing:** • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.

• In bags of 5 kg.

• In cardboard boxes of 20 kg, 4 bags of 5 kg.

• In palette of 960 kg, 48 cardboard boxes of 20 kg.
Adhesives for Tiles / Marbles / Granites _ Grouts

**KM 100**

**White acrylic adhesive for marbles and granite tiles (C2TE)**

“Top adhesive for valuable products”

**Description:** Cementitious adhesive, based on high-strength Portland white cement (I - 52.5), white marble aggregates, reinforced with modified polymers to improve adhesion of marble or granite tiles.

**Usages:** Professional-use adhesive that is suitable for strong adhesions of marble or granite tiles with particular features, such as white or very absorbent marbles, which require adhesion materials with advanced characteristics, to protect their surface and colours. It is also used for the adhesion of ceramic and low-absorbency tiles, decorative bricks, etc. It can be used on any common cementitious-based substrate, on floors or walls, indoors or outdoors. In case you use it for the adhesion of artificial quartz surface tiles, it is recommended to add MARMOLINE MP 20 acrylic dispersion to the mixture.

**Consumption:** Approx. 2.5 - 4.0 kg/m² depending on the size and type of tile.

**Packing:** • In bags of 25 kg. • In palette of 1.500 kg, 60 bags of 25 kg.

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**LM 400**

**White adhesion mortar for marbles and granite**

“Strong adhesion and protection”

**Description:** Ready white thick bed mortar, based on high-strength Portland white cement, white marble aggregates and special additives to improve adhesion of marble and granite tiles and boards to difficult surfaces.

**Usages:** A reliable solution for strong adhesions of marble and granite boards to floors, when a thick layer of mortar is needed. It is especially suitable for white or light coloured marbles, which are sensitive to stains coming from the substrate. It can be also used for other natural stones, such as: granite, sandstone, limestone, travertine, etc. or artificial stone tiles and boards. Add MARMOLINE MP 20 resin for further adhesion strength and more flexibility.

**Consumption:** Approx. 15 - 16 kg/m² per 1 cm thick coat of fresh mortar.

**Packing:** • In bags of 40 kg. • In palette of 1.400 kg, 35 bags of 40 kg. • In big-bags of 1.000 kg. • In bulk in a silo of a capacity of 12 - 18 - 22 m³.

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**Power 2 Slab**

**High-performance system for reinforcement of natural stone slabs**

“Strong protection, reinforcement and waterproofing in one go”

**Description:** High-quality reinforcing system for defective or very thin and sensitive marble tiles and slabs.

**Usages:** It is applied to the back side of marble tiles or slabs, in order to reinforce and protect them. It can be reinforced with a fine mesh. Marbles can then be placed on the wall or on the floor with the use of any type of cement-based adhesive mortar.

**Consumption:** 0.8 - 1 kg/m² depending on the surface of the slab, where it is applied and whether or not a reinforcing fiberglass mesh has been used.

**Packing:**

**POWER 2 SLAB (Component A - Powder):**
• In bags of 20 kg.
• In palette of 960 kg, 48 bags of 20 kg.

**POWER 2 SLAB (Component B - Liquid):**
• In plastic cans of 20 kg.
• In palette of 480 kg, 24 cans of 20 kg.
Armox 0 - 2mm

Extra fine polymer modified grout for marbles (CG2WA)

"The grout which respects marbles"

**Description:** Ready white, super fine grained mortar, for the joint filling of marbles, suitable for applications of sensitive marbles and tiles. It is abrasion-resistant and does not come off from the sides of tiles and marbles.

**Usages:** It is used for the joint-filling of tiles and marbles, indoors and outdoors, on floors and walls. Add the MP 20 acrylic dispersion to further improve adhesion, flexibility and impermeability in areas occasionally affected by humidity and characterized by contractions and expansions (underfloor heating and exterior floors).

**Consumption:** Approx. 250 - 500 gr/m² depending on the joint and size (dimensions) of the tile.

**Packing:** • In bags of 5 kg. • In cardboard boxes of 20 kg. • In palette of 960 kg, 48 boxes of 20 kg.

Armox 0 - 5mm

Coloured grout for wall and floor coverings for indoors and outdoors (CG2WA)

"Waterproof and easy to work with"

**Description:** Ready mortar for the joint-filling (grouting) of all types of tiles, absorbent or not, as well as marble slabs & tiles, for joints up to 5 mm. Cement-based with polymer modified and selected quartz aggregates that improve its adhesion and workability.

**Usages:** It is used for the joint-filling of all types of tiles on vertical and horizontal surfaces, indoors and outdoors. Add the MP 20 acrylic dispersion to further improve adhesion, flexibility and impermeability in areas occasionally affected by humidity and characterized by contractions and expansions (underfloor heating and exterior floors).

**Consumption:** Approx. 250 - 700 gr/m² depending on the joint and size (dimensions) of the tile.

**Packing:** • In bags of 5 kg. • In cardboard boxes of 20 kg. • In palette of 960 kg, 48 boxes of 20 kg.

Armox 6 - 20mm

Grout for tiles (CG2WA)

"For demanding materials, works and conditions"

**Description:** Ready white, super fine grained mortar, for the joint filling of marbles, suitable for applications of sensitive marbles and tiles. It is abrasion-resistant and does not come off from the sides of tiles and marbles.

**Usages:** It is used for the joint-filling of extra-wide and thick tiles, on floors and walls, indoors and outdoors. Use for the joint-filling of cotto-type tiles and for all kinds of decorative bricks, natural and synthetic stones, klinker-type tiles, etc. The material is particularly moisture and frost-proof. The surface can be cleaned with a wet sponge and water.

**Consumption:** Approx. 350 - 2,500 gr/m² depending on the joint and size (dimensions) of the tile.

**Packing:** • In bags of 5 kg. • In cardboard boxes of 20 kg. • In palette of 960 kg, 48 boxes of 20 kg.
MCL 200

Cleaner for unpolished marbles

"Effective cleaning of sensitive marbles"

Description: Very strong and condensed cleaner suitable for all unpolished marbles. It effectively cleans residues of cement - plasters - joint fillers from various works, thus becoming an indispensable tool for all users. Suitable for cleaning dirt caused from wear, stains from coffee, oils, rust, stains from watering of flower-pots, etc. Friendly to sensitive valuable marbles.

Usages: It is suitable for all types of unpolished white marble, most types of unpolished light coloured marbles, cementitious marble and tile grouts, surfaces of old mosaic, on both vertical and horizontal surfaces, indoors and outdoors. In combination with marble waterproofing products, it provides long-lasting protection.

Remark: Due to the different nature of each material, a compatibility test is advised, on a small section of the surface prior to application.

Consumption: Approx. 1 lt per 5 to 6 m².

Packing: • In plastic containers of 1 lt and 4 lt.
• In boxes of 16 lt, 4 pieces of 4 lt. • In boxes of 12 lt, 12 pieces of 1 lt.

TCL 100

Cleaner for tiles, grouts, granites, natural & artificial stones

“Fast and effective cleaning”

Description: Very strong and condensed cleaner suitable for ceramic tiles - cotto - tiles of natural and artificial granite, tile joints, decorative stones, etc. It effectively cleans residues of cement - plasters - joint fillers from various works, thus becoming an indispensable tool for all users. Suitable for cleaning dirt caused from wear, stains from coffee, oils, rust, stains from watering of flower-pots, etc. Friendly to sensitive valuable marbles.

Usages: It is suitable for:
• All types of absorbent and non-absorbent tiles as cotto, terracotta, ceramic glazed tiles, cement pavement tiles, gardens, etc.
• Cementitious grouts of marbles and tiles, restoring the original color of grout.
• Natural building stones and sets of stones, pebbles, etc.
• Most types of artificial stones.
• Horizontal and vertical surfaces such as: balconies, garden walkways, sidewalks, window sills, walls covered with stones, etc.
In combination with waterproofing liquid, it offers extensive protection.

Remark: Due to the different nature of each material, a compatibility test is advised, on a small section of the surface prior to application. Bold colours of grouts should be handled with extra care because cleaning may affect pigments, resulting in whitening of their colour. It is not suitable for limestone.

Consumption: Approx. 1 lt per 5 to 6 m².

Packing: • In plastic containers of 1 lt and 4 lt.
• In boxes of 16 lt, 4 pieces of 4 lt. • In boxes of 12 lt, 12 pieces of 1 lt.
Silo
Application Machinery
D-40 / D-50

Silo with mixer

**Description:** This system includes the silo (with a capacity of 18 or 22 m³) with the m-tec D-40 mixer installed at the exit. The D-40 mixer mixes the mortar powder contained in the silo with water, thus producing a fluid mixture, which is then used by technicians either directly or ejected from the pump, which is installed right underneath the mixer. The mixer is controlled through the special S-40 operation panel, which is installed on the silo and is very simple to use. No specialized operator is needed. Mixing starts and stops automatically with a special sensor which is installed inside the pump of the crew.

**Usages:** • Mortar: masonry, marble. • Plasters: sprayed primer, base-coat, lightweight thermal insulation, finish-coat marble sand, one-coat, waterproof, repair. • Floor cement screeds.

SMP

Silo with pump

**Description:** This system includes the silo (with a capacity of 18 or 22 m³), on top of which is installed the m-tec SMP mixer and ejector. The SMP mixer and ejector mixes the mortar powder contained in the silo with water, thus producing a fluid mixture, which is then pushed through pipes to the storeys of the building, where it is ejected through the spraying gun on the surfaces to be plastered. The key feature of this machine is double mixing that occurs in two separate mixing chambers (one horizontal and one vertical), which guarantee the homogeneous mixing of all types of mortars. It can also be used for floor filling by adding a special screw, which increases the supply of fluid mixture.

**Usages:** • Plasters: sprayed primer, base-coat, lightweight thermal insulation, finish-coat marble sand, one-coat, waterproof, repair. • Floor filling.

F 100 IV Plus

Silo with pneumatic material conveyor system

**Description:** This system includes the silo (with a capacity of 18 or 22 m³), on top of which is installed a special air compressor, and the m-tec D-30 mixer or the m-tec duo-mix mixer and ejector. The dry material, contained in the silo, is pushed from the air compressor through special conveying pipes to the portable machine, which is located in the work area of the crew, and mixes the material with water, producing a fluid mixture. A key feature of this machine is the ability to transfer the dry mixture from the silo at long distances (50 - 100 m, depending on the material).

**Usages:** • Mortar: masonry, marble. • Plasters: sprayed primer, base-coat, lightweight thermal insulation, finish-coat marble sand, one-coat, waterproof, repair. • Floor filling.

- For the installation and operation of the system, it is required to have at the construction site a safe space, three-phase power supply and adequate water supply.
- After the completion of works, the above tools must be returned clean and in good condition. • In case of damage or loss, the customer bears the corresponding cost.
- Other parts of the machine (rotors, stators, etc.) which may be used, due to either normal wear or improper use, are chargeable to the customer.
Flotti

**Single-phase mixer**

**Description:** Machine for the constant mixing of ready mortars. It can be used at all construction sites, as it requires 220V single-phase power supply. It can be easily carried on the storeys of the construction site, due to its small size and low weight. It is a necessary tool for construction workers and marble fixers and tilers. The crew can work at any time during the day with the Flotti mixer as it is silent.

**Usages:** • It is fed only with bagged materials. • Mortars: masonry, marble. • Plasters: sprayed primer, base-coat, lightweight thermal insulation, finish-coat marble sand, one-coat, waterproof, repair, gypsum-based (gypsum plasters). • For filling and self-levelling floors. • For tile adhesives.

Monomix

**Single-phase pump**

**Description:** Machine for mixing and ejecting ready mortars with a granulometry of 0 - 3 mm. It can be used at all construction sites, as it requires 220V single-phase power supply. It can be easily carried on the storeys of the construction site, due to its small size and low weight.

**Usages:** • Monomix is fed only with bagged materials. • Plasters: sprayed primer, base-coat, lightweight thermal insulation, marble sand, one-coat, waterproof, repair, gypsum-based (gypsum plasters). • For filling and self-levelling floors.

GI 73

**Pump**

**Description:** Machine for mixing and ejecting ready mortars with a granulometry of 0 - 3 mm. Key features: easy to use, low maintenance cost. It can be easily dismantled and carried. It works with three-phase power supply.

**Usages:** • In standard operation, GI 73 is fed with bagged materials. By adding a special cover, it can be supplied with bulk material from a silo. • Plasters: sprayed primer, base-coat, lightweight thermal insulation, marble sand, one-coat, waterproof, repair, gypsum-based (gypsum plasters). • For filling and self-levelling floors.

Duomix Plus

**Pump**

**Description:** Machine for mixing and ejecting ready mortars with a granulometry of 0 - 3 mm. Key feature: two separate mixing chambers (one horizontal and one vertical), which guarantee the homogeneous mixing of all types of mortars. It works with three-phase power supply.

**Usages:** • In standard operation, Duomix Plus is fed with bagged materials. By adding a special cover, it can be fed with bulk material from a silo. • Duomix Plus can be used as a mixer and ejector or as a simple mixer of mortars. • Plasters: sprayed primer, base-coat, lightweight thermal insulation, marble sand, one-coat, waterproof, repair, gypsum-based (gypsum plasters). • By adding a special screw, it can be used for cement mortars and floor filling.

• After the completion of works, the above tools must be returned clean and in good condition.
• In case of damage or loss, the customer bears the corresponding cost.
• Other parts of the machine (rotors, stators, etc.) which may be used, due to either normal wear or improper use, are chargeable to the customer.