



Marble Max

High-grade, flexible, polymer-modified, cementitious marble adhesive

Uses

- Suitable for fixing marble and granite.
- Also suitable for fixing travertine tiles and stones.
- Bonds on all known substrates like concrete, plaster and plasterboards, cement board.

Product Description

Marble Max is a high-grade, non-sagging, universal polymer-modified cementitious adhesive made of selected sand, fillers, and functional additives. It comes pre-weighed in bags and is ready to use; it only requires the addition of clean water. It is suitable for fixing all tile types, including marble, granite, and travertine, and bonds to most known substrates. It has excellent deformation properties and outstanding adhesion strength.

It is suitable for underfloor heating, and can be used both indoors and outdoors. Marble Max can be applied in thicknesses from 2 to 12 mm and is available in white and grey.

Advantages

- Factory controlled pre-blend ensures consistently high quality.
- Requires only the addition of clean water on-site at the time of usage.
- Easy tile installation that enables high productivity.
- High coverage
- Excellent open time with outstanding workability.
- High adhesion to various substrates.
- Suitable for wet and dry areas.
- Suitable for all known tiles and substrates.
- Suitable for horizontal and vertical surfaces.

Technical Data

Marble Max	Typical Values @ 25°C
Appearance	White/Grey Powder
Aggregate Size (mm)	0.6 max
Application Thickness (mm)	2 to 12
Dry Density	1100 kg/m ³ ± 50 kg
Wet Density	1400 kg/m ³ ± 50 kg
Mixing Ratio	28 - 32 % (W/P)
Yield	≈ 0.9 Lit wet/1 kg Powder
Pot Life @ 23 C° (Hours)	3
Adhesion Strength ISO 13007-2 (MPa)	> 1.2 (normal conditions)
Adjustability @ 15 min (MPa)	> 1.2
Open Time ISO 13007-2 @ 30 min (MPa)	> 0.5
Deformation ISO 13007-2 (mm)	Deformable ≥ 2.5 and < 5

Standards Compliance

- ISO 13007 -1 C2 TE S1
- BS EN 12004-1 C2 TE S1

Usage Instructions

Surface Preparation

The surface should be sound, clean, and free from loose material, oil, grease, laitance, dirt, curing compound, etc. Dry and absorbent surfaces must be moistened.

Ensure the surface is solid for tiling, particularly when fixing very large tiles and slabs.

The non-absorbent substrates should be primed by Vetobond AB432 or Vetoprime CP436.

Mixing

Pour 5.6-6.4 liters of water into a container for each 20 kg bag of Marble Max. Gradually add the powder to the water and mix using a low-speed electric drill fitted with a suitable paddle until a uniform, lump-free consistency is achieved. Allow the mixed material to stand for about 10 minutes to mature, then remix briefly without adding further water before use.

Marble Max can also be manually mixed as long as the correct powder-to-water ratio is maintained.

Use the mixed material within 3 hours.

Application

Apply the Marble Max on the substrate by using a suitable trowel depending on the tile size, then comb it in one direction, apply Marble Max on the tile backside using the flat edge of the trowel and do not comb (Back buttering). install the tile in its place. Tap and press firmly (or use tile fixing vibrator) to ensure that the tile sitting on the substrate with the maximum coverage and contact between the tile's back and the adhesive on the substrate.

DO NOT APPLY MARBLE MAX ON AN AREA THAT TAKES MORE THAN 15 MINUTES TO BE TILED.

A useful practice to check application efficiency is to remove a slab directly after application and observe the contact surface (adhesive on substrate and the back of the slab). This can be done randomly from the applicator's perspective and then reinstalled. This should always be done for the first slab to give the applicator an idea of how much adhesive is needed for the best contact.

Recommended coverage is 100% for both external and internal applications. The tile position can be adjusted without losing adhesion for 15 minutes.

Allow the installed tiles to remain undisturbed for at least 24 hours. Marble Max must not rise between the tile joints higher than half of the thickness of the tiles. It is recommended to use Vetonit Tile Grout to fill the joint gaps 2 days after tile installation.

Allow the tiles to dry for a week before proceeding with normal use.

Legal Disclaimer

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Note:

Low temperature and high air humidity will retard the curing and drying process and vice versa.

The best coverage is achieved when applied on flat surfaces.

For further information regarding the suitable substrates and tiles on which this product can be safely applied, please contact Saveto's technical department.

Cleaning

Clean tools and equipment with water immediately after use. Clean hardened materials mechanically.

Packaging & Coverage

Product	Pack Size	Coverage
Marble Max	20 kg Bag	4.5 - 5 m ² (6 mm Notched trowel)

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, method of application, and wastages.

Shelf Life & Storage

The original sealed bag of Marble Max has a shelf life of 12 months, provided it is stored off the ground in a dry, shaded place below 35°C.

Health & Safety

Marble Max is highly alkaline; therefore, avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be washed with soap & water. In case of eye irritation, immediately wash with a copious amount of clean, cold water and seek medical advice.

Marble Max is non-flammable.

For further information, please refer to the material safety data sheet.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.