

## Pre-mixed, cement-based mortar for marbles

### Description

Pre-mixed, cement-based mortar for fixing marbles, that needs only the addition of water. The composition of ISOMAT MT 200 ensures the maintenance of the color and the whiteness of the marbles, while it prevents their staining.

- Simplification and acceleration of application.
- Provides high initial and final adhesive strength.
- Excellent workability.
- Stable standardized properties.
- Due to the special particle size granulation of the product, the mortar does not lose the volume during the application of the marbe.
- Suitable for indoor or outdoor use.

### Fields of application

It is used for fixing marbles of all dimensions on cement-based substrates. Suitable for indoor and outdoor applications.

### Technical data

Form:	cementitious mortar
Color:	white
Particle size:	up to 3 mm
Water demand:	4,25 l/ 25 kg bag
Bulk density of dry mortar:	1,80 ± 0,10 kg/l
Bulk density of fresh mortar:	1,75 ± 0,10 kg/l
Compressive strength:	11,00 ± 1,00 N/mm <sup>2</sup>
Flexural strength:	2,80 ± 0,20N/mm <sup>2</sup>

Adhesive strength: 1,20 ± 0,10 N/mm<sup>2</sup>  
(28 days)

Pot life: 3 h at +20°C

Maximum layer thickness: 30 mm

### Directions for use

ISOMAT MT 200 is added into clean water under continuous stirring, until a mortar with the required workability is formed. The mortar is applied by hand using a trowel at a maximum layer thickness of 3 cm.

In cases where extremely high adhesion of the marbles is required. Then, in addition it should be used the adhesive ISOMAT AK-MARBLE. The adhesive is applied on the marble and is spread ("combed") using a notched trowel. The marbles should be fixed within 10 minutes in order to avoid "skin" formation at the surface of ISOMAT MT 200.

### Consumption

Approx. 15kg/m<sup>2</sup>/cm.

### Packaging

Bags of 25 kg.

### Shelf-life - Storage

12 months from production date if stored in original, unopened packaging, in places protected from moisture and frost.

# ISOMAT MT 200



## Remarks

- The temperature during application must be at least +5°C.
- In cases where the properties of ISOMAT MT 200 should be improved (bonding to the substrate, elasticity ) it is recommended the addition of polymer latex ADIPLAST into the mixing water in proportion of 1:1 by volume.
- ISOMAT MT 200 contains cement and reacts as alkaline with moisture, so it is classified as irritant .
- Consult usage risks and safety advice written on the bag.

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