



## MA - 515 MATIFIRE



IMBALLAGGIO

25 kg



RAPPORTO DI  
MISCELAZIONE

4,75L / 25 kg



CONSUMO

3-5 kg/m<sup>2</sup>

### Description

MA-515 MATIFIRE is a high-quality cement based refractory mortar that is used in environments with high temperature.

### Properties

- Perfect adherence.
- Can be applied on vertical surfaces even for bonding heavy tiles.
- Can be applied easily.

### Application

- Substrates must be sound, free from oil, grease and sufficiently dry. Cementitious substrates must be cured.
- Use repairing mortar in case of uneven substrates to get a sound and flat surface.
- Wipe the back side of tiles with water if dusty.
- Pour 25 kg of MA-515 MATIFIRE into 4.75L of water slowly and mix to obtain a homogeneous paste free from lumps. A low-speed mixer is recommended to mix. Do not add any additive which is not mentioned in the instructions for the application.
- Allow to stand for 5-10 minutes to mature. After 1-2 minutes remixing, the paste is ready for application.

-Consumption is 3-5 kg/m<sup>2</sup>.

- Consume the prepared mortar within 6 hours.
- Spread the mortar onto the substrate with a notched trowel, the notch size of which is appropriate to the tile dimension. To obtain a good adhesion, first apply a thin coat of the mortar with the flat side of the trowel, then notch with the toothed side of the trowel.
- Open time is 30 minutes. Install the tiles within this period with firm pressure. Unfavourable climatic conditions (high temperature, low humidity, wind, etc.) can reduce this time to just a few minutes. If this period is exceeded, scratch and discard the mortar.
- Clean tools and hands with water, surfaces with a damp cloth.
- Tiles installed with MA-515 MATIFIRE must not be subject to water for at least 24 hours.
- Product application temperature and storage conditions should be between +5°C and +35°C.

### Shelf Life

12 months when stored in the original sealed packing in dry place.

### Storage

Store in dry medium. Do not stack more than 10 bags on top of each other.

**SCHEDA TECNICA** (IN +23°C AND 50% RH.)

Forme	Polvere
Colore	Grigio/Bianco
Magazzinaggio	12 mesi se conservato nell'originale confezione sigillata in un luogo asciutto.
Rapporto di miscelazione	4,75 litri di acqua / 25 kg di polvere
Temperatura di Applicazione	(+5°C) - (+35°C)
Densità apparente della malta secca	1.55 ± 0.10kg/l
Densità apparente della malta bagnata	1.80 ± 0.10kg/l
Resistenza alla compressione (EN 1015-11)	Category M25
Resistenza alla flessione	> 6 N/mm <sup>2</sup>
Resistenza al taglio iniziale	0.15 N/mm <sup>2</sup>
Densità (malta indurita a secco) (EN 1015-10)	1,700 kg/m <sup>3</sup>
Assorbimento d'acqua (EN 1015-18)	0.3kg/m <sup>2</sup> min <sup>0.5</sup>
Permeabilità al vapore acqueo (EN 1745)	μ 15/35
Conducibilità Termica (λ <sub>10</sub> , secco) (EN 1745)	0.75 W/mK
Vita in vaso	3 ore
Temperatura di servizio	Fino a +1 200°C
Reazione al fuoco (EN 13501-1)	A1
Sostanze pericolose	Vedi scheda di sicurezza