



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



RM 3

CEMENT ADHESIVE FOR CERAMIC TILES



PRODUCT

Cement-based powder adhesive (**C1**) for laying of all types of ceramic tiles.

CHARACTERISTICS

It has good adhesion, workability, flexibility and easy to use. RM 3 is non-toxic and frost-proof.

WHERE TO USE

Ceramics tiles on horizontal and vertical supports for indoor and outdoor environment.

SUBSTRATES

New rough plasters and cement based screeds.

CONSUMPTION

2,0 - 5,0 kg/sqm

PACKAGING

- 25 kg bags on pallets of 1500 kg.

STORAGE

RM3 can be stored 12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

Floors and walls must be laid with special one-component powder adhesive to be mixed with water, such as RM3 by Edilcol Italia ranked C1, according to EN 12004, and which has an initial bonding $\geq 0,5 \text{ N/mm}^2$ after 28 days.

PREPARATION

- Make sure that the substrates are cleaned and consistent.
- Mix a bag of Edicol RM3 with approximately 6,5 -7,0 liter of water, either manually or with a mixer at a low numbers of turns, until obtaining a homogeneous and plastic mixture.
- Leave it rest for about 10 minutes then briefly mix it again before applying it with a serrated spatula.

APPLICATION

- It is not recommended to wet the tiles before installing them unless they do not have very dusty reverse side.
- Tiles should be installed with an adequate pressure to ensure a good contact with the adhesive.
- The open time of RM3 is 20 minutes which can be reduced due to the environmental conditions. So, before the installation of the tiles, it is therefore necessary, making sure that the adhesive is still fresh and it has not formed a skin on the surface.

RECOMMENDATIONS

For the 25x25 cm larger sizes, make a double coating.

For surfaces in gypsum, scagliola or similar, previously treat the surface with Primer RM 25 following the instructions reported on the technical data sheet.

Avoid outdoor application in very hot or windy days and/or at temperatures lower than +5 ° C or higher than +35 ° C; protecting the coatings from rain or water for at least 24 hours and from frost and strong sun for at least 5-6 days after the installation. Tools should be cleaned with water, while floorings should be cleaned with a damp cloth; water could be moderately used only after a few hours after installation.

Although the details contained in this product report correspond to the best of our current experience, all the above information must be confirmed after practical applications. Anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of product. The values given in the technical data derived from tests conducted in laboratory, in a controlled environment, so they may be greatly modified by the conditions of installation.

DATI TECNICI

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Appearance:	white or grey powder	
Composition:	cement, selected aggregates, resins, additives	
Particle size:	≤ 0,8 mm	
Application temperature:	+ 5°C / + 35°C	
Mixing water:	≈ 28 %	
Pot life:	> 6 hours	
Adjustability time:	> 30 minutes	
Adhesive thickness:	≤ 10 mm	
Ready for grouting on floors:	≈ 24 hours	
Ready for grouting on walls:	≈ 6 hours	
Set to light foot traffic:	≈ 24 hours	
Initial bonding (after 28 days):	≥ 0,5 N/sqmm	(EN 1348)
Bonding after heat exposure:	≥ 0,5 N/sqmm	(EN 1348)
Bonding after immersion in water:	≥ 0,5 N/ sqmm	(EN 1348)
Bonding after freeze/thaw cycles:	≥ 0,5 N/ sqmm	(EN 1348)
Open time: traction adherence	≥ 0,5 N/ sqmm after 20 minutes	(EN 1346)
Reaction to fire:	Class A1	(EN 13501)
Contribution of smoking:	none	
Hazard:	none	(EC 99/45)