



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



RM 100

ADDITIVE

PRODUCT

Polymer-based concentrated liquid additive in water dispersion (latex) for the preparation of cement adhesive in Class **C2**.

CHARACTERISTICS

Increase of the following characteristics in the cement adhesives: adhesion, flexibility and mechanical strength.

WHERE TO USE

Preparation of cement-based adhesives to be used for the bonding of each type of ceramic tiles and natural stones on horizontal and vertical supports in the internal-external environment. Suitable for overlapping floors.

SUBSTRATES

New rough plasters, cement based screeds.

CONSUMPTION

About 28% instead of mixing water

PACKAGING

- 25 kg jerricans on pallets of 675 kg;
- 5 kg jerricans on pallets of 600 kg.

STORAGE

RM 100 can be store 12 months in its original packaging in a dry place, protected from frost.

ITEM SPECIFICATIONS

Cement based adhesives must be mixed with a synthetic rubber latex such as RM 100 by Edilcol Italia, suitable to obtain adhesives with improved characteristics of adhesion, flexibility and mechanical strength.

PREPARATION:

- Stir briefly before of the use.
- Pour the estimated quantity of RM 100 in a clean receptacle and then add the adhesive in order to obtain a homogeneous, plastic and uniformly colored paste.
- Leave it rest for about 10 minutes then briefly remix it before applying it with a serrated spatula.

RECOMMENDATIONS

Do not add water to the mixture prepared with RM 100, which must not be too fluid. 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 contained in the product 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; moreover tiling installed with K50 Flex must not be washed or exposed to rain for at least 24 hours and must be protected from frost and strong sun for at least 5-6 days after the installation. Protect RM 100 from frost during its storage.

Tools should be cleaned with water, while surfaces 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.

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Appearance:

White liquid

Composition:

Polymer resins in water dispersion

Bulk density:

≈ 1,04 g/cmc

Brookfield viscosity:

≈ 30 mPa·s

pH:

≈ 7,5

Application data:

See the technical data sheet of RM 3 - Al Quarzo

Storage:

12 months in original packaging in a dry place, protected from frost.

Technical data of products modified with RM 100:

Initial bonding (after 28 days):

≥ 1,0 N/sqmm (EN 1348)

Bonding after heat exposure:

≥ 1,0 N/sqmm (EN 1348)

Bonding after immersion in water:

≥ 1,0 N/sqmm (EN 1348)

Bonding after freeze/thaw cycles:

≥ 1,0 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 (88/379 EEC)