



MAXKOLA[®] - M

SPECIAL BONDING MORTAR FOR FIXING LOW POROSITY TILES OVER TRADITIONAL SUBSTRATES

DESCRIPTION

MAXKOLA – M is a polymer modified cementitious base bonding mortar supplied in powder form, that once mixed, makes a high performance product for interior or exterior applications.

USES

- Fixing of tiles, ceramics, low, medium or high porosity “gres” or vitrified ceramic, small or medium format natural stone in pavements, and exterior and interior walls.
- For big format pieces it is recommended to use double pasting (over piece and support), or use MAXKOLA FLEX. (See Technical Bulletin Nº.: 81).
- Tile fixing in:
 - Swimming pools
 - Façades

ADVANTAGES

- High adherence.
- It avoids the need to moisten the substrate and ceramic when placing.
- Single-component product.
- Its thixotropy prevents sliding of the placed pieces.

APPLICATION INSTRUCTIONS

Surface preparation. The substrate must be clean and dry. It must be structurally sound. Moisture content in the substrate will not be above 5%. Application substrates will be cement floors and screeded walls with sand and cement. Do not use over weak supports like plaster. If bare patches exist, they must be cleaned mechanically or by sandblasting . Using 2 meter straight edge, test substrate flatness, so that deviations greater than 5 mm. not exist

Product mix. Mix manually or mechanically, with a mixing drill, at slow speed (500 rpm), with 6 or 7 litres of water per 25 kg. bag, until obtaining a homogeneous and creamy mix , leaving it to rest 5 minutes before use.

Application. Place the material over substrate in small surfaces, 2 m² approximately, then using a toothed trowel (6 x 6 mm) to regularise thickness. Do not apply more than 6 mm. thick. Next, place the tiles by pressing over substrate. Pot life is 2 hours and time for rectification of placement is 15 minutes. (Considered at 20 °C and 50% R. H.)

CAUTION

Do not exceed the 6 mm. recommended thickness.

Do not apply over moist or weak substrates.

MAXKOLA – M is non toxic, but it is an abrasive compound in its composition. When mixing and placing must be considered do not mix with hands without rubber gloves protection. If any of the mixture gets into the eyes, rinse thoroughly with clean water, but do not rub. If irritation continues, consult a doctor.

PACKAGING

25 kg. bags.

COLOUR

White and Grey.

CONSUMPTION

1.5 kg. / m² and thickness mm.

STORAGE

12 months in a dry, covered place and protected from frost.

TECHNICAL DATA

Maximum aggregate (mm)		0.8
Mixing water (% weight / prod.)		26 ± 1
Thixotropy		Good
Pot life (minutes, 20 °C)		120
Open time for placing (minutes, 20 °C)		30
Rectification time (minutes, 20 °C)		15
Powder apparent density (kg/dm³)		1.19 ∂ 0.05
Binding apparent density (kg/dm³)		1.62 ∂ 0.05
Water retention (g)		2.96 ⁽²⁾
Adhesion at 28 days, with 20 min. open time. (MPa)	Porcelain Gres ⁽¹⁾	0.6
Initial Adhesion at 28 days (MPa)		0.54 ⁽³⁾

Adhesion after freeze/thaw cycles. (MPa) (7 d in lab. + 7 d in immersion + 25 cycles of 24 h each one) (each cycle: 2 h range between 23 °C to -15 °C, 2 h: -15 °C and 20 h: 12 °C)		1.16 ⁽³⁾
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Densities, water retention and adhesions.: Test nº 17.800 –3rd part. I.E.T.C.C.

(1) Porcelain gres: 0.5% water absorption.

(2) Meets requirements UEATc Guide values (≤ 3 g).

(3) Meets requirements UEATc Guide values (≥0.50 MPa).

I.E.T.C.C.: Eduardo Torroja Institute for the Construction and Cement. Member of European Union for Construction Technical Agreement.

GUARANTEE

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