



MAXKOLA®

THIN LAYER BONDING MORTAR FOR FIXING TILES

DESCRIPTION

MAXKOLA is a special tile fixing mortar. Once mixed with water, tiles can be placed either by spreading a thin layer or putting lumps on the back of the tile.

USES

Tiling of walls and floor in kitchens, bathrooms, walls, skirtings laboratories, hospitals, clinics with normal porous tiles.

ADVANTAGES

- High adhesion and high mechanical resistance.
- It is not necessary to wet neither the surface nor the tile as MAXKOLA retains its water.
- Provides good thixotropic properties and initial adhesion, thus avoiding tile slippage. This allows the tiler more time to arrange the tile pattern.
- Improves the yield of the tiling job saving up to 40-60% of the labour cost.

APPLICATION INSTRUCTIONS

Surface. MAXKOLA is applied over bricks, concrete blocks, etc. It is also suitable for application over cement based plasters.

For gypsum or plaster substrates use MAXKOLA – Y. (See Technical Bulletin Nº 74.) Do not apply MAXKOLA over dead, delayed setting gypsum plasters or those finished with a thin layer of plaster.

The surface must be level, with irregularities less than 5 mm. deep, measured with a 2 mts. long straight edge.

Mixing. Mix a 25 kg. bag of MAXKOLA with 5-6 litres of water until a homogeneous mixture is achieved and let it rest for ten minutes to obtain a creamy consistency.

Application. It can be spread using a toothed trowel. Do not exceed 5 mm thickness per coat and finish with the toothed edge. The tiles can then be placed in position. The pattern of the tiles can be re-arranged up to a maximum of 50 minutes of spreading.

REQUIREMENTS

Approx. 1.1 to 1.2 kg/m² per 1 mm thickness, depending on type and status of the surface and the tile to be fixed.

PACKAGING

25 kg. bags.

STORAGE

Twelve months in its original containers, in a covered and dry place, protected from humidity and frost.

COLOURS

White and grey.

TECHNICAL DATA

Maximum aggregate (mm)		0.8
Mixing water (% weight / weight of prod.)		22 ± 2
Thixotropy		Good
Open time for application (minutes, 20 °C)		> 30
Time for rectifying the tiling (minutes, 20 °C)		15
Water retention (%)		99
Powder apparent density (kg/dm³)		1.33 ∂ 0.05
Binding apparent density (kg/dm³)		1.67 ∂ 0.05
Initial Adhesion at 28 days (MPa)	Commercial gres ⁽¹⁾	0.80 ⁽³⁾
	Glazed tile ⁽²⁾	0.65 ⁽³⁾
Adhesion at 28 days, with 20 min. open time. (MPa)	Commercial gres ⁽¹⁾	1.11 ⁽³⁾
	Glazed tile ⁽²⁾	0.63 ⁽³⁾
Adhesion after water immersion (MPa) (7 d. in lab. + 21 d immersion + 1 d in lab.)	Glazed tile ⁽²⁾	0.50 ⁽³⁾

Densities and adhesions.: Test nº 17.800 I.E.T.C.C.

(1) Commercial gres: 3% water absorption.

(2) Glazed tile: 12% water absorption.

(3) Meets requirements UEATc Guide values (Ø0.50 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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