

Technical map N16/02.01.2008

Bilmat
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Cement ground coat mix

EN 998-1

Composition:

Dry cement based mix, mineral fillers and polymer additives

Application:

Ground coat for ceilings, concrete, cement-sand and other surfaces. It can be left as an end cover or painted, paste tiles and other.

Base:

Dry, strong, with stable form and clean of dust, oil, and no unstable parts.

The product can be applied on:

- All usual building bases like concrete, putty, plaster, brickwork, light and porous concrete, gypsum putty, gypsum board plates, gypsum walls.
- Smooth shuttering concrete
- In terraces, wet rooms, facades

The product is not applicable on:

Wood, metal, plastic, rubber, cement binding bases that the drying process has not yet been finished.

Technical data:

No	Indexes	Characteristics and norms
1	Outlook	Powdered grey mix
2	Pouring density g/cm ³	1,48 ±0,03
3	Fine grinding – left over screen 0,4 mm %	≤ 5
4	Binding time, beginning h	≥ 3
5	Strength of cohesion when stretching with concrete after 28 days , N/mm ²	≥ 0,5
6	Strength of cohesion when stretching with concrete after 28 days,5 cycles 24 h in water at normal t° and 48 h drying (60±2)°C N/mm ²	≥ 1.5
7	Strength of cohesion when stretching with polystyrene after 28 days N/mm ²	≥ 1,5
8	Strength of cohesion when stretching with polystyrene after 28 days,5 cycles 24 h in water at normal t° and 48 h drying (60±2)°C N/mm ²	≥ 1,5
9	Crack resistance	No cracks

Quality Control:

Strict production control and initial testing of the product in an accredited laboratory.

Product data:

Supply form: 20 kg paper bags, 50 bags/1000 kg per pallet

Storage:

In dry places on wooden grills in the original closed package for 12 months.

Consumption norm:

2-3 kg/m²

Quantity of water needed: 0.3/kg

Mature time: 2-3 min

Usage time: 5 hours

Max. thickness of the film: not more than 5 mm

Working instructions:

Recommended tools: electric or hand stirrer, broom or hard brush, toothed mortar-board made of tagger, trowel, and appropriate vessel.

Application technique:

Fixing the mix: Add the mix into water in the following proportion 1:3 (0.300 liter water; 1kg dry mix) until reaching the needed density. After a while stir again until it homogenizes.

Proportion:

7.5 liters/25 kg “Cement ground coat mix”

Suitable ending:

“Primer Bilmat”, “Primer 22” mineral plaster “Bileks”, Polymer plaster “Bilmat” decorative mosaic plaster “Bilmat”, silicone plaster.

Important indications:

- Temperature interval +5 C to +30 C. Do not apply in rain, strong wind, direct sun light and temperatures below +5 C.
- High humidity and low temperatures increase the binding time

The given technical map is based on wide experience and provides You with the best knowledge but is not legally committed. We guarantee the quality of our materials within the framework of our selling and supplying conditions. In order to reduce mistakes limited information is given. Not all present and future application cases can be described. The current technical map is valid until the issue of another one.

