

EAMIFLOOR LEVEL TOP

Polymer Modified, Cement Based & Self Levelling Floor Topping

Product Description

EAMIFLOOR LEVEL TOP is a two components, ready mixed, polymer modified, and fibre reinforced cement based range of products includes the following levelling :

1. EAMIFLOOR LEVEL TOP GP4:

It is a self-leveling smoothing cement mortar underlayment for wide floor finishes such as carpets and vinyl sheeting. It is suitable for new construction and refurbishes floors, domestic and commercial buildings.

It is recommended to be applied at a 4 – 10 mm thickness .

2. EAMIFLOOR LEVEL TOP GP10:

It is a self-leveling smoothing cement mortar, used as a general purpose for both domestic, commercial buildings and industrial applications. It is to be applied at a 10 - 60 mm thickness .

3. EAMIFLOOR LEVEL TOP XD 60:

It is a self-leveling highly abrasion resistance & heavy-duty floor topping for industrial applications at a 60 – 200 mm thickness.

All three grades are formulated to provide excellent flowability, easy application, superior physical & mechanical properties.

It is supplied as a single component in powder that requires only on-site addition of water.

Typical Applications

EAMIFLOOR LEVEL TOP range is used for:

- Smoothing of uneven floors.
- Repairing heavily worn floors.
- Making up differences in floor levels.
- Industrial floor surfacing & toppings.
- Underlayment for tiles, carpets, vinyl sheeting and other sheet flooring.

- Final wearing surface in foot traffic areas.
- Final wearing surface in light commercial areas (**GP10 -XD60**)
- Heavy duty /industrial floor wearing areas (**GP10 - XD60**).

Product Features

- Easy to use and apply.
- Excellent adhesion to concrete and cement-based compositions.
- Excellent flow properties :self-leveling & smoothing .
- Trouble free application.
- Durable surfaces even over relatively large areas.
- Dimensionally stable.
- Rapid hardening & curing.
- Polymer modified, non-toxic and chloride-free.
- Reinforced with special fibers.
- Formulated to be suitable for the Middle East conditions.

Guide for Application

Surface Preparation

All surfaces shall be sound, clean free from dust, oil & grease or other contaminants that may affect the bond between EAMIFLOOR LEVEL TOP and the substrate. New concrete should be 14 days old at least.

Priming

Priming should be carried out using bonding slurry containing EAMILATEX and Ordinary Portland Cement in a ratio 1: 2 by volume. Add the defined amount of OPC gradually to EAMILATEX while mixing. Continue mixing till homogenous & free from lumps consistency is achieved. See separate Data Sheet.

Technical Properties

| | |
|-------------------------------|---|
| Appearance | Component A: Milky White Liquid / Component B: Grey or pigmented powder. |
| Specific Gravity | 2.00 (mixed material) |
| Chloride Content | Nil |
| Nitrate Content | Nil |
| Recommended Thickness: | GP4 Grade: 4 – 10 mm GP 10 Grade: 10 – 60 mm XD 60 Grade: 60 – 200 mm |

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Mechanical Properties

| EAMIFLOOR REPAIR TOP GRADE | GP4 | GP10 | XD60 |
|---|--------------------|--------------------|-----------------|
| Compressive Strength @ 28 days (N/mm ²) | 40 | 45 | 50 |
| Flexural Strength @ 28 days (N/mm ²) | 5 | 6 | 7 |
| Bond Strength to Concrete (N/mm ²) | 2 | 2 | 2 |
| Traffic Time (days)@ 20 °C: | | | |
| Foot Traffic | 1 | 1 | 1 |
| Light Traffic | - | 3 | 3 |
| Heavy Traffic | - | 14 | 14 |
| Application Method | Pumping or Pouring | Pumping or Pouring | Pump/or Pouring |

Apply the mixed materials using suitable brush or roller into the prepared substrate. EAMIFLOOR LEVEL TOP should be applied while the primer is still tacky.

Mixing

Add Component A (liquid form) into clean vessel and gradually add Component B (powder form) of EAMIFLOOR LEVELTOP grade. Continue mixing till homogenous free from lumps is achieved. Electric drill of low speed (400 - 500rpm) is recommended.

Placing

Place the mixed materials of EAMIFLOOR LEVEL TOP into the prepared and primed surface while the primer is still tacky, spick roll the surface followed by a light steel toweling is needed as the product is a self-leveling.

This should be carried out during the open time (about 30 min. @ 20°C).

Curing

EAMIFLOOR LEVEL TOP Grades is a cementitious materials, ACI recommendations should be followed in mixing, placing and curing. EAMICURE AR is recommended to be used for curing. See separate Data Sheet.

Warranty

We warrant our products to be of good quality & manufactured to rigid standards. This Warranty is in lieu of any & all other warranties expressed or implied . This data sheet is published for information only . It is believed to be correct but no liability is accepted for it or the suitability of the product for any particular purpose. EAMIC TRETOL services are free & the company does not accept liability for any loss arising from it .

Important Recommendations

Expansion joints in the existing substrate should be continued through EAMIFLOOR LEVEL TOP and filled with suitable sealant such as TREMCO THC 900. See separate Data Sheet.

Cleaning

All tools and equipment should be cleaned with water after work immediately and before curing.

Packaging

EAMIFLOOR LEVEL TOP is supplied in well sealed 25 Kg bags- two components pack size

Coverage

Theoretical coverage for all types is 2 Kg/mm/m².

Storage

EAMIFLOOR LEVEL TOP should be stored in dry warehouse away from any source of moisture in original well sealed containers.

Shelf Life

12 months if stored properly as recommended.

Health and Safety

- EAMIFLOOR LEVEL TOP is non flammable.
- Any splashes on skin should be washed with water.
- Seek medical assistance in case of contact with eyes after washing it with running water.

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