



Aug. 2022 version

BestFloor PC302

Self-leveling mortar, Polymer-cement based, one component

Description: BestFloor PC302 is a self-leveling mortar, with polymer-cement modifier. BestFloor PC302 is made of special cement, mineral silicate, and specific additives.

Recommended for:

- Used to repair, and reconstruct the floor structure.
- Renewable surface flatness, background before apply PVC tile or others topcoat.
- Used for floor concrete in areas with medium and light loading such as factory floor, car park, swimming pool bottom, and water tank.

Advantages:

- Easy to use and minimize risks during construction.
- High flexibility, easy to create high flatness.
- Non-shrinkage, non-crack.
- High strength and fast, putting it into use fast.
- Enhance the anti-corrosion, anti-oil, anti-moisture, and waterproof.
- Non-toxic, friendly environment, non-Cl.
- Suitable climatic conditions in Viet Nam.

PRODUCT DATA

Supply form: Dry powder.

Colour: Grey cement.

Specific gravity: Dry powder: 2.80 ± 0.02 kg/liter. Wet mortar: 2.20 ± 0.02 kg/liter

Storage: Sealed bag, moisture-proof, in a cool and dry place.

Shelf life: 12 months in unopened conditions.

Package: 25 kg/bag.

Consumption: 1.95 kg dry powder/1m²/1mm thickness.

Thickness : 2 ÷ 5 mm /layer.

MECHANICAL AND PHYSICAL

Water ratio (%)	Flowable (mm)	Shrinkage (‰)	Application time(mins)
12 ±1	≥ 250	< 1	< 30

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Properties	01 (day)	03 (days)	07 (days)	28 (days)
Compressive strength (*) (MPa)	10	24	32	40
Flexibility strength (*) (MPa)	1.0	1.5	2.0	2.5
Bonding strength (**) (MPa)	NA	NA	NA	1.2

(*): Standard : ASTM C348; ASTM C349 with sample 4x4x16 cm.

(**):Standard: ASTM D7234-05.

NA: No applicable.

APPLICATION

Pre-application:

The strength of subtracting must be greater than or equal to 20 Mpa. It should be saturated but not contain water.

Free from dust, contamination, all impurities, and grease.

Mixing:

Mixing slowly in the freshwater tank with a water mixing ratio is 12% (03 liters of fresh water for 25 kg) with a maximum speed of 400 rounds/mins for a duration of 05 minutes or until the mixture gets homogeneous.

Stand by in one minute, then mix again before construction.

Application:

Use a brush or roller to apply BestBond EP759 (see technical data sheet of product) on the prepared surface above.

The waiting time for applying the mortar of BestFloor PC302 is after 24h (depending on conditional temperature) when the layer of BestBond EP759 is dry.

Pour continuously furrow and the width about 200 ÷ 300mm, distribute and level the material with a notched trowel of the following specified notch size.

Use a specific roller to help the leveling and escape air.

Note:

The maximum application time is 30 minutes after mixing.

The maximum thickness is 5mm/ layer.

Do not mix material by hand

Safety:

BestFloor PC302 has alkalinity and skin allergy. Do not contact it for a long time.

Should wear gloves, masks, and glasses.

In case of accidental eye contact, wash with fresh water and seek medical advice immediately.

Disclaimer:

The technical information and application instructions in documents of BESTMIX are based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of the product, so users should test the product for each purpose. BESTMIX has the right to change the features of our product, user must always refer to the latest technology product.

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