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BestSeal EP760

Self-Leveling compound based Epoxy-Cement, three components

Description: BestSeal EP760 is a self-leveling mortar, moisture resistance cement-epoxy based, high strength, three components.

Used: BestSeal EP760 is used as a self-leveling mortar coating, thickness 1,5 ÷ 3,0 mm in following cases:

- Temporary moisture-proof layer for the concrete surface in the protection coating based on epoxy.
- Renewable the flatness or repair the damage of concrete floor,...
- Application for all floor surfaces which adhesion origin is cement and not enough time to cure...

Advantage:

- Simple application, high effect.
- High bonding with all material surfaces(including moisture conditions).
- Waterproof, allow escape vapor.
- Anti-chemical, anti-oil, anti-mechanic,...
- Develop the strength quickly, put it into use early.
- Allow coating the epoxy after curing for 24 hours.
- Non-toxic, odorless, and friendly with the environment.

Technical data:

Package: 31 kg/set

Shelf life: 12 months from the date of manufacture, in unopened conditions.

Color: Grey tint white.

Density:

Part A:	1.08 ± 0.02 kg/liter (25°C)
Part B:	1.01 ± 0.02 kg/liter (25°C)
Part C:	2.80 ± 0.02 kg/liter (25°C)
Part A+B+C:	2.20 ± 0.02 kg/liter (25°C)

Volatile organic compound 0 %

Chemical resistance: Resistant to water, saline room, oil and grease, liquid fuel and other general chemicals.

Mixing ratio: A / B / C = 1.0 / 2.0 / 12.5 (By weight)

Consumption: 2.2 kg/m²/layer

Pot-life:

Temperature	+20°C	+25°C	+30°C	+35°C
Pot life	60 mins.	50 mins.	30 mins.	20 mins.

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The time for curing: Relative humidity is 75%

Temperature	+20°C	+25°C	+30°C	+35°C
Next coating and walking	2 days	1.5 days	1 day	1 day
Light mechanical impact	3 days	2.5 days	2 days	1.5 days
Completely cured	28 days	28 days	28 days	28 days

Mechanical properties after completely cured: (28 days)

Compressive strength (N/mm ²)	Flexural strength (N/mm ²)	Bonding strength (N/mm ²)
≥ 45.0	≥ 10.0	≥ 1.5

Application:

Surface condition: Remove by grinding or chipping all cement dropping or concrete over pours, oil, grease,...
The minimum tensile strength is 1.5 MPa.

Primer layer: Use BestBond EP759 as a primer before application of BestSeal EP760 in cases of heavy load-bearing floors or highly porous surfaces.
Pre-coat BestSeal EP760 is needed if the surface is porous, soft, and high water absorbance.

Mixing: Pour component B into a clean container of appropriate capacity (about 18 ÷ 20 liters). Shake part A well and pour to component B while the paddle is running, continue to pour slowly component C into the A + B mixture and mix until homogeneous (no lumps). Should mix with a slow electric or pneumatic mixer (300 ÷ 400 rpm).

Application: Pour the mixed compound on the primer area, by parallel rows with width 200 ÷ 300 mm, use steel trowel or proper tools to distribute material according to the required thickness. Using a notched roller to support the leveling and get rid of air bubbles.

Note:

Do not use material is over time to apply.
Do not add any other material with BestSeal EP760.

Cleaning: Use fresh water and soap to wash equipments before and after application, before material gets hardening.

Safety: Three components is non-toxic but should wear gloves, safety glasses and masks while handling the product.
In case of accidental eye or mouth contact, wash with copious quantities of water and seek medical help or consult a doctor immediately.

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