BestCoat EP605

Epoxy Coating, Water based, Two components

Description:

BestCoat EP605 is an epoxy coating, two components, dispersal water, used to

coat for floor, slab, wall, ceiling, swimming pool, water tank,...

Recommended

To make a coating protector on surface with functions as: abrasion resistance, water-proofing, chemical resistance, medium and light loading for factory floor, garage, workshop,...BestCoat EP605 can be directly coated on concrete surface, cement layer, cement fiber panel, epoxy mortar, metal surface,...

- Well adhesive with the most high moisture surface(relative humidity 8%).
- Resistance to chemical, carbonate, and mechanical abrasion.
- Develop strength quickly, and put the project into use soon.
- High coverage, saving, and economical.

Advantages:

- Washable, cleanable, microbe resistance, mold resistance
- Friendly to the environment, non-toxic
- Especially, non-polluted water
- Easy to apply by tools such as brush, short roller, pressure sprayer,...
- Easy to recognize signs of the end times to allow construction.

Technical Data:

5; 25 kg/set. Packaging:

Shelf life: 12 months upon manufacturing date (In original, unopened package)

Color: White, grey, green, yellow, brown (optional on requested)

Component A: $1.05 \pm 0.02 \text{ kg/litter}$ (@ 25°C) Component B: $1.39 \pm 0.02 \text{ kg/litter}$ (@ 25°C) **Density:**

Mixture A+B: 1.33 ± 0.02 kg/litter (@ 25°C)

Solid content: ≥ 70 %

VOC content: ≤ 30%

Dose: 0.10 ÷ 0.25 kg/m²/layer (depend on surface condition)

Minimum: 20°C (above dew point temperature of 5°C) **Application**

Maximum: temperature: Relative humidity ≤ 80%

Resistance to water, light acid, light alkali, sea-water, grease, fuel and Chemical resistance: other common chemicals.

Mechanical strength: Improving the mechanical abrasion resistance for surface.

Mixing ratio: Part A: Part B = 1:4 (by weight)

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Pot-life:

Environment temperature	+20°C	+25°C	+30°C	+35°C	
Allowed time	90 mins	65 mins	50 mins	40 mins	

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Environment temperature	+20°C	+25°C	+30°C	+35°C
Waiting time between layers: Minimum	24 hours	18 hours	12 hours	8 hours
Maximum	No limit	No limit	No limit	No limit
Walkable	24 hours	18 hours	12 hours	8 hours
Light mechanic impact resistance	2 days	2 days	1.5 days	1 days
Complete curing	7 days	7 days	7 days	7 days

Application:

To defect and honeycomb surfaces should be treated by the epoxy mortar of BestBond products before applying BestCoat EP605.

To smooth the surface, solid and medium roughness can be applied as

Coating flooring system:

• 01 primer layer: BestPrimer EP602 with rate: 0.20 ÷ 0.25 kg/m²

02 coating layers: BestCoat EP605 with rate: 0.20 ÷ 0.25 kg/m²

However, the layer can be applied more depending on the request of each item, work or purpose.

Conditional surface:

Application surface should be met the minimum strength (Compressive strength: \geq 20 MPa, Tensile strength: \geq 1.5 MPa). The surface should be locked water-permeable and removed dirty particles, dusty before application.

Mixing:

Before application, two components A and B should be properly mixed under the right ratio by slowly stirring (at speed of $300 \div 400$ rpm).

The minimum mixing duration should not be less than 05 minutes and can be longer until reaching the required homogeneity. Take the mixtures for about 05 minutes then stir again before application.

Application:

Use a brush or short roller or pressure sprayer to apply with rate not over 0.40 kg/m² in any case. The application area should be peaceful, clean, no dust.

Note:

follows:

Do not use mixtures over time to apply and get hardening.

Cleaning:

Use water and soap to clean equipment immediately after the execution and before the mixture's hardening.

Safety:

Both components are nontoxic and nonflammable. However, one should wear a comforter, gloves, and protective glasses while handling the product. In case of accidental eye contact, wash with fresh water and seek medical

advice immediately.

Disclaimer:

The technical information and application instruction in documents of BESTMIX 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.

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