



BestCoat EP606

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Non-solvent Epoxy Coating, Two components

Description: BestCoat EP606 is an epoxy coating, non solvent, two components, protective coating for industrial flooring surface or some surfaces required load bearing, abrasion resistance, chemical resistance.

Recommended for: BestCoat EP606 is applied to protect for the surfaces with special request:

- Industrial flooring surface or chemical warehouse, pharmaceutical factory, food or electric factory, garage that need heavy loading capacity.
- Equipment or tank requires chemical resistance, anti-erosion or needs to meet HACCP standard.
- BestCoat EP606 can be directly applied on surface of metal, concrete, cement layer, fiber cement panel, epoxy mortar, wood...

Advantages:

- High strength, well bonding, crack resistance, peeling resistance.
- Resistance to abrasion, chemical and sustainability in corrosive environments.
- High gloss, easy to clean and wash, prevent the development of microorganisms, mold.
- High coverage ability, easy to apply, saving material and labor.
- Non-solvent, non-flammable, non-toxic, friendly to environment.
- Meet the requirement of HACCP standard.

Product data:

Package: 05; 25 kg/set

Shelf life: 12 months from manufactured date (In original, unopened package)

Color: Yellow, blue, green, brown, gray. (Color can be optional in accordance to the minimum required quantity)

Density: Component A: 1.57 kg/liter @ 25°C;
Component B: 0.98 kg/liter @ 25°C.
Mixture A+B : 1.43 kg/liter @ 25°C.

Solid content: 100 %

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

Application temperature: Minimum: 10°C (but above dew point temperature of 5°C)
Maximum: 35°C Relative humidity ≤ 80%

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

Thermal resistance: Dry heat: Up to 120°C
Damp heat: Up to 80°C

Mechanical strength : High strength and mechanical abrasion resistance.

Mixing ratio: Part A : Part B = 5:1 (by weight)

PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES
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BESTMIX CORPORATION

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Technical data: samples after 07 days curing at 30°C

Pencil hardness	≥ 3H	Impact strength	≥ 50 kG.cm ²
Bonding strength	≥ 1.5MPa (concrete failed)	Abrasion resistance: CS10	≤ 65 mg

Pot-life:

Environment temperature	+20°C	+25°C	+30°C	+35°C
Pot-life (minutes)	90	75	60	40

Waiting time between layers

Environment temperature	+20°C	+25°C	+30°C	+35°C
Waiting time Minimum	24 Hrs	20 Hrs	16 Hrs	12 Hrs
Maximum	2 days	2 days	2 days	2 days
Walk-ability	30 hours	30 hours	24 hours	20 hours
Light loading capacity	5 days	4 days	3 days	2 days
Complete curing	10 days	10 days	7 days	5 days

Application:

Coating system: To strongly absorb, the easily breakable, or hardened surface must be applied a primer layer by BestPrimer EP601, BestPrimer EP602, or BestPrimer EP603. To smooth the surface, solid and medium roughness does NOT apply the primer layer but should apply at least 2 layers of BestCoat EP606 after cleaning the surface.

Substrate requirement: To concrete surface: Compressive strength: ≥ 20 MPa, tensile strength: ≥ 1.5 MPa. The surface should be flat, solid, and dry (maximum moisture is 4%), and impurities, broken pieces, and dust should be removed. To metal surface: should be removed rust, oil or impurities...

Mixing: Before application, two components A and B should be properly mixed under the right ratio by slowly stirring (at speed of 300 ÷ 400 rpm). The minimum mixing duration should not be less than 03 minutes and can be longer until reaching the required homogeneity. Take the mixtures for about 05 minutes then stir again before application.

Use a brush or short roller or pressure sprayer to apply.
Notes:
Application: If applying the second layer and timeout of the previous layer over time then the maximum timeout should be roughened surface by mechanical methods. Do not use mixtures over time to apply and get hardening.

Cleaning: Use BestThinner SC-01 to clean equipment immediately after the execution and before the mixture's hardening.

Safety: Both components are non toxic, non flammable. However, part B is alkaline, can be allergic to skin, therefore should be prevented from direct contact to skin. Should wear comforter, gloves, 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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