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BestCoat EP706

Non-solvent Epoxy Coating, Two components

PHỤ GIA BÉ TÔNG, XI MÀNG - HOA CHẤT CHỐNG THÂM - VỮA RỐT RỐT KHÔNG CO NGỐT - NÉN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ AN THIÊN ★ CEMENT AID - CONCRETE ADMIXTURE - WATERPROOFING - GROUTING - FLOORING - BONDING - SEALING - REPAIRING - PROTECTING - FINISHING
PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES

| | |
|---------------------------------|---|
| Description: | BestCoat EP706 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 EP706 is applied to protect for the surfaces with special request: <ul style="list-style-type: none"> 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 EP706 can be directly applied on surface of metal, concrete, cement layer, fiber cement panel, epoxy mortar, wood... |
| Advantages: | <ul style="list-style-type: none"> 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 the environment. Meet the requirement of the 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 according to minimum required quantity) |
| Density: | Component A: 1.46 kg/liter @ 25°C; Component B: 0.95 kg/liter @ 25°C. Mixture A+B : 1.32 kg/liter @ 25°C. |
| Solid content: | 100 % |
| Consumption: | 0.10 ÷ 0.20 kg/m ² /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) |

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Tack-free time: ≤ 6 hours (@25°C)

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 | 1 day | 1 day | 1 day | 1 day |
| 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 absorbing, easily breakable or hardened surface must be applied a primer layer by BestPrimer EP701, BestPrimer EP702, or BestPrimer EP703. To smooth the surface, solid and medium roughness does NOT apply the primer layer but should apply at least 2 layers of BestCoat EP706 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). 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: 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 nontoxic and nonflammable. However, part B is alkaline, and can be allergic to skin, therefore should be prevented from direct contact with skin. 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 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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