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BestPrimer EP702

Water-based epoxy primer, two components

Description: BestPrimer EP702 is a water-based epoxy primer. It is a two pack low viscosity epoxy. BestPrimer EP702 has been specially formulated to improve penetrating and adhesive ability to the substrate for all kind of BestCoat.

Recommended for: BestPrimer EP702 is recommended as a priming coat before applying BestCoat system for wall, floor, ceiling of pharmaceutical and other clean areas, substrate against mild acids, alkalis, mineral oils, chemicals, park-decks, industrial projects, warehouses... It can be applied on a wide variety of substrates such as concrete, masonry, mortar, etc.

Advantage:

- Deep penetrating, good bonding to substrates including metal.
- Allows surface to breathe preventing build up of vapor pressure.
- Can apply to humid surface (humidity of the substrate \leq 8%).
- Mild acid, alkali, chemical, mineral oil...resistances.
- Easy to apply by brush, roller, sprayer...
- Long pot life to save cost.
- No offensive odor, non toxic and environment friendly.

Product Data:

Package: 5; 25 kg/set.

Shelf life: 12 months from date of manufacture if stored in original unopened packing, in a dry enclosed place.

Supply form: Viscosity liquid.

Color:
Part A: Transparent liquid.
Part B: Light yellow liquid.
Part A+B: Light yellow liquid, transparent after curing.

Density:
Part A: 1.10 ± 0.01 kg/lit (25°C)
Part B: 1.04 ± 0.01 kg/lit (25°C)
Part A+B: 1.05 ± 0.01 kg/lit (25°C)

Solid content: ≥ 40 % (by weight)

Consumption: $0.10 \div 0.25$ kg/m²/layer (Depending on surface condition)

Application temperature:
Minimum: +20°C (Above dew point at least 5°C)
Maximum: +35°C
Maximum permissible relative humidity: 80%

Mechanical and chemical properties: Penetrating and bonding improve. Mild acid, alkali, chemical and mineral oil resistances.

Mixing ratio: **Component A: Component B = 1:4 (By weight)**

PHỤ GIA BÉ TÔNG, XI MÀNG - HÓA CHẤT CHỐNG THẤM - VỮA RỘT KHÔNG CO NGÓT - NÉN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ AN THIÊN ★ CEMENT AID - CONCRETE ADMIXTURE - WATERPROOFING - GROUTING - FLOORING - SEALING - BONDING - REPAIRING - PROTECTING - FINISHING

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

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Pot life:

| | | | | |
|---------------------|--------------|--------------|--------------|--------------|
| Ambient temperature | +20°C | +25°C | +30°C | +35°C |
| Pot life | 150 Min. | 100 Min. | 60 Min. | 40 Min. |

Interval time:

| | | | | |
|--|--------------|--------------|--------------|--------------|
| Ambient temperature | +20°C | +25°C | +30°C | +35°C |
| Interval time between two layer: Minimum | 24 Hrs | 20 Hrs | 16 Hrs | 12 Hrs |
| Maximum | Unlimited | Unlimited | Unlimited | Unlimited |

Application:

Substrate requirement: For strong absorption and soft surfaces: Dilute BestPrimer EP702 with 10% clean water to apply first layer. Apply at least 02 primer layers before coating BestCoat lines.
 For flat surface, solid and average roughness: Apply 01 primer layer.
 For polished hardener surfaces: Should be treated with BestCorros before application of BestPrimer EP702.

Substrate preparation: Concrete floor shall be cure for minimum 28 days, **compressive strength: ≥ 20 MPa, tensile strength: ≥ 1.5 MPa.**
 The substrate surface must be flat, solid, free from water, impurities, debris and dirt must be properly cleaned.

Mixing: Start the mixer, slowly add component A to component B (according to the mixing ratio) while the paddle is rotating at 300 ÷ 400 rpm. Minimum mixing time is 03 minutes but can mix longer until the required homogeneity is achieved. Leave material for about 05 minutes and mix again before application.

Application: After mixing, apply by roller, sprayer or brush one full coat of BestPrimer EP702 at a spreading rate of approximately 0.10 ÷ 0.25 kg/m²/layer (depending on surface condition). Waiting for each coat dry before applying the further layer.
Note:
 Do not apply more than 0.40 kg/m²/layer in any case.
 Placed area must be good ventilation during film forming time, avoid sunlight whenever materials hasn't cured.
 Do no use the materials which is out of pot-life.

Cleaning: Clean tools, equipments with clean water and detergent before product hardening.

Safety: BestPrimer EP702 is a non toxic material. However, should wear gloves, masks and 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.*