

BestPrimer EP702AS

Anti-static moisture resistant primer, water-based epoxy, two-component

Description: BestPrimer EP702AS is a special, water-based, two-component epoxy primer, specialized for a heat-resistant, anti-static primer for some specific applications, to increase surface adhesion before construction BestCoat anti-static epoxy paints.

Uses: BestPrimer EP702AS is used to create an interface primer between the surfaces that need protection and the BestCoat epoxy-based anti-static paints to increase adhesion strength and anti-static ability.

Advantage:

- Low resistance, permanent anti-static ability.
- High adhesion to all surfaces including high humidity.
- High permeability so it can permeate deeply inside the material.
- Corrosion resistance, chemical resistance, high abrasion resistance.
- Easy to apply with tools such as brush, short hair roller, pressure sprayer...
- Non-toxic, environmentally friendly.

PRODUCT INFORMATION:

Packaging: 25kg/set.

Shelf-life: 12 months from the date of manufacture (In original, unopened containers and stored in a cool, dry place)

Existing: Thick liquid

Color:
 Component A: Black.
 Component B: Milk white.
 Component A+B: Black.

Specific weight:
 Component A: 1.18 ± 0.01 kg/liter (@25°C)
 Component B: 1.16 ± 0.01 kg/liter (@25°C)
 Component A+B: 1.165 ± 0.01 kg/liter (@ 25°C)

Consumption density: 0.20 ÷ 0.30 kg/m² for each layer (Depending on surface condition).

Application environment:
 Minimum temperature: +20°C (Above dew point temperature at least 5°C)
 Maximum temperature: + 35 °C
 The maximum relative humidity of the air is 80%.

Physicochemical characteristics: Significantly enhances adhesion to humid environments.
 Corrosion resistance, chemical resistance

Material resistance: 10⁴ – 10⁶Ω

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

Time allowed for application:

Environment temperature	+20 °C	+25 °C	+30 °C	+35 °C
The time allowed	60 minutes	50 minutes	40 minutes	30 minutes

Waiting time:

Environment temperature	+20 °C	+25 °C	+30 °C	+35 °C
Waiting time between layers: Minimum	24 hours	22 hours	20 hours	18 hours
Maximum	3 days	2 days	2 days	2 days

Environmental information: BestPrimer EP702AS complies with the requirements of LEED EQ Credit 4.2: Low Emission Materials: Paints & Coatings, SCAQMD method 304-91: VOC content <10 g/l.

GUIDE TO APPLICATION:

Floor covering system:

- For highly absorbent and friable surfaces: a minimum of 2 layers should be applied.
- For solid surfaces with average roughness: only 1 layer is needed.
- For polished surfaces: the surface should be treated with BestCorros and rinsed with water before applying BestPrimer EP702AS.

Surface condition: The surface must reach minimum strength (**compressive strength: ≥ 20 MPa, tensile strength: ≥ 1.5 MPa**). The substrate surface must be flat, solid, maximum allowable humidity for construction: 12%. Impurities, debris, dirt, grease, moss, mold... must be cleaned properly.

Mix: Before application, the two components A and B must be thoroughly mixed in the correct ratio using a slow speed mixer (300 ÷ 400 rpm) by slowly adding component A to component B while the stirrer is running. The minimum mixing time is 03 minutes but can be mixed longer until the required uniformity is achieved. Apply the material immediately after mixing well.

Application: Use a hard bristle brush or short bristle roller to vigorously apply the BestPrimer EP702AS mixture on the entire surface with a rate of 0.20 ÷ 0.30 kg/m²/layer depending on surface conditions. When the material changes to a flexible state, proceed to glue the copper foil according to the predetermined design. After the material cures, apply a reinforcing layer to the copper foil positions to ensure that the copper foils are firmly positioned with the concrete floor before applying the upper layers. When applying the next layer, make sure the previous layer is completely dry.

Note: The application area must ensure ventilation, and avoid rain and direct sunlight when the material has not completely cured. Do not use materials that over the application time.

Cleaning: Use clean water and soap to clean before the mixture hardens.

Safety:

Both components are not hazardous or flammable. However, it may cause allergies to sensitive skin upon prolonged contact.
Should wear gloves, masks, and safety glasses when applying the product.
When it gets into your eyes, nose, or mouth... must immediately wash it with clean water several times before going to the nearest medical facility for timely and correct treatment.

Disclaimer:

The technical information and manuals in the BESTMIX documents are based on our knowledge and practical experience. The information contained herein is of a general nature only. Before use, it is necessary to conduct tests to check the suitability of products for each specific requirement and purpose. BESTMIX reserves the right to change the physical parameters of the product without prior notice. The user should always refer to the product's latest technical documentation.

BESTMIX CORPORATIONwww.bestmix.vn

HEAD OFFICE:
Lot D1, D1&N3 Rd., Nam Tan Uyen IP,
Tan Uyen Town, Binh Duong Province.
Tel: (027) 4365 3990 - 4365 3991
Email: info@bestmix.com.vn

HCMC OFFICE 1:
378-384 Cong Hoa Str., Ward 13,
Tan Binh Dist., Ho Chi Minh City
Tel: (028) 3810 7995 (7996, 7997)
Email: bm1@bestmix.com.vn

HCMC OFFICE 2:
23 Nguyen Huu Canh Str., Ward 22,
Binh Thanh Dist., Ho Chi Minh City
Tel: (028) 3899 0339 - 3899 0340
Email: bm2@bestmix.com.vn

NHA TRANG OFFICE:
989 Le Hong Phong Street,
Phuoc Long Ward, Nha Trang City
Tel: 090 545 3579
Email: bm3@bestmix.com.vn

CENTRAL BRANCH:
478B1 Dien Bien Phu Street,
Thanh Khe District, Da Nang City
Tel: (023) 6371 5299 - 6371 5399
Email: bm4@bestmix.com.vn

NORTHERN BRANCH:
TT6.2 - 65, Dai Kim Urban Area,
Hoang Mai District, Ha Noi City
Tel: (024) 3200 8234
Email: bm5@bestmix.com.vn