



BestPrimer EP701

June 2017 Version

Solvent-based epoxy primer, two components

Description: BestPrimer EP701 is a solvent-based epoxy primer, two components, low viscosity, high strength.

Recommended for: BestPrimer EP701 is low viscosity compound, high permeability. Used to make a primer layer between the surfaces to be protected and the coating BestCoat layer, epoxy based to improve the bonding strength.
BestPrimer EP701 can be applied to floors of concrete, cement plaster, fiber cement panels, epoxy mortar ... workshops, warehouses, parking garages, ...

Advantage:

- High permeability should be able to link inside the material deeply.
- Linking well with all material surfaces, including metal surfaces.
- Improve the aesthetic and materials savings for next coating.
- Alkali resistance and high corrosion resistance.
- Easy to apply by popular tools such as brush, roller, nozzle ...
- Easy to apply and materials saving because of allowing time application is long.
- Level of consumption density is very low, so it should be economic and efficient.
- Can be diluted with solvent to adjust the viscosity appropriate for each specific application cases.

Technical Data:

Package:	5; 25 kg/set.
Shelf life:	12 months from manufacturing date in sealed package and stored in cool and dry place.
Existence form:	Viscosity liquid
Color:	Part A: Transparent Part B: Light yellow A+B: Light yellow, transparent when curing.
Specific gravity:	0.98 ± 0.02 kg/liter (25°C)
Solid content:	≥ 40%
Consumption density:	0.10 ÷ 0.25 kg/m ² /layer (Depending on surface condition)
Application temperature:	Minimum: + 20°C (but above dew point temperature of 5°C) Maximum: + 35°C Relative humidity: 80%
Resistant chemical:	Resistance of alkali, acid, water, salt solution, oil, fuel and other common chemicals.
Mechanical strength:	Improve the bonding strength
Mixing ratio:	Part A: Part B = 2:1 (By weight)

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Pot life:

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Pot life	450 mins.	300 mins.	200 mins.	150 mins.

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	3 days	2 days	2 days	2 days

Application:

Substrate requirement: For strong absorption and soft surfaces: Apply at least 02 primer layers before coating BestCoat lines.
For flat surface, solid and average roughness: Apply 01 primer layer.
For hardener surface: Dilute BestPrimer EP701 with 10-15% of BestThinner SC01 before application.
To achieve higher aesthetic and mechanical properties as required, surface should be applied at least 01 layer of BestPrimer and 02 layers of coating paint or self-leveling paint of BestCoat lines.

Substrate preparation: Concrete floor shall be cure for minimum 28 days, **compressive strength: ≥ 20 MPa, tensile strength: ≥ 1.5 MPa.**
Concrete floor shall be impurities, solid, flat, dry (**moisture content $\leq 4\%$**), the impurities, crack, dust must be clean as required.

Mixing: Two components A and B should be mixed thoroughly with mixer speed 300÷400 rpm. The mixing time at least is about 03 minutes or longer until materials is homogeneous as required. Keep materials is about 10-15% minutes and mixing again before application.

Application: Applied by a roller, a short brush or high pressure nozzle.
Note: Do not use materials which timed out applying and begin curing.
Application area should be cool and application instruction should be downwind. Do not smoke during applying.

Cleaning: Clean tools, equipments with clean BestThinner SC01 before product hardening.

Safety: Both of two components are hazadous, flammable, therefore, they are required to be placed distant from heat or fire during the execution or preservation.
This product can cause allergic to skin, therefore should be prevented from directly skin contact.
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.
Keep away from fire, spark and heat sources when application.

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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