



Mar. 2023 version

# BestPrimer EP703

Moisture barrier epoxy primer, two components

<b>Description:</b>	BestPrimer EP703 is a special epoxy primer. It is a two-pack, low-viscosity epoxy. BestPrimer EP703 has been specially formulated to improve the penetrating and adhesive ability to a moist substrate as a moisture barrier and oil barrier before applying further BestCoat.
<b>Application:</b>	BestPrimer EP703 is applied in the special case in wet areas, newly poured concrete (in 24 hours), or places contaminated oil that cannot be dried, prevented moisture, or cannot cleaned oil on a basement, walls, swimming pools, ground floor of a factory, warehouse, garage ...
<b>Advantage:</b>	<ul style="list-style-type: none"><li>• Deep penetrating.</li><li>• Well adhesive with highly humid or oil surface.</li><li>• Mild acid, alkali, chemical, mineral oil...resistances.</li><li>• Easy to apply by brush, roller, or sprayer.</li><li>• Friendly with the environment</li></ul>

## PRODUCT INFORMATION

<b>Package:</b>	05; 25 kg/set.
<b>Shelf life:</b>	12 months (In original, unopened package).
<b>Supply form:</b>	Viscosity liquid.
<b>Color:</b>	Part A: Transparent liquid. Part B: Light brown liquid. Part A+B: Transparent amber liquid.
<b>Density:</b>	Part A: $1.14 \pm 0.01$ kg/liter (@ 25°C) Part B: $0.82 \pm 0.01$ kg/liter (@ 25°C) Part A+B: $0.91 \pm 0.01$ kg/liter (@ 25°C).
<b>Consumption:</b>	$0.15 \div 0.25$ kg/m <sup>2</sup> /layer (Depending on surface condition).
<b>Application temperature:</b>	Minimum: 20°C (Above dew point at least 5°C) Maximum: 35°C (Maximum permissible relative humidity: 80%)
<b>Mechanical and chemical properties:</b>	Improve significantly the adhesion strength in humid conditions. Mild acid, alkali, chemical, and mineral oil resistances.
<b>Mixing ratio:</b>	See on the package.

## BESTMIX CORPORATION

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**Pot life:**

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Pot life	50 Min.	45 Min.	25 Min.	20 Min.

**Interval time:**

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Interval time between two layer: Minimum	24 Hrs	18 Hrs	12 Hrs	6 Hrs
Maximum	3 days	2 days	2 days	2 days

**APPLICATION**

<b>Substrate requirement:</b>	High absorbing or breakable surface: at least 02 layers Average rough, dense and flat surface: only one layer Hardened surface: Use BestCorros for surface treatment before applying BestPrimer EP703.
<b>Surface condition:</b>	Concrete surfaces must have <b>Compressive strength: of 20 MPa, and tensile strength: of 1.5 MPa.</b> The surface should be flat, solid, steady, dry, water-free, and humid areas must be dried with clean clothes. Impurities, broken pieces, and dust should be cleaned as required.
<b>Mixing:</b>	The minimum mixing time is at least 03 minutes or longer until achieving the homogenous as required. Apply material immediately after mixing well.
<b>Application:</b>	Apply by roller, pressure sprayer or brush one full coat of BestPrimer EP703 at an approximate rate of $0.15 \div 0.25 \text{ kg/m}^2/\text{layer}$ (depends on surface status). The second layer must apply in a direction perpendicular. When applying the next layer, make sure the previous layer is completely dry. <b><u>Attention:</u></b> Do not use a mixture that is out of working time. Prevent direct sunlight, and rain during the curing period.
<b>Cleaning:</b>	Use BestThinner SC01 to clean equipment immediately after application.
<b>Safety:</b>	Both components may cause allergies to the skin. Avoid prolonged skin contact. Protective clothing is highly recommended. In case of contact with the eyes, rinse immediately with plenty of clean water and seek medical advice.

**Disclaimer:**

*The technical information and application instructions 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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