



# BestCoat EP726

Mar. 2023 Version

Less solvent Epoxy Coating, Chemicals resistance, Two components

**Description:**

BestCoat EP726 is an epoxy coating, less solvent, chemical resistant, two components, protective coating for industrial flooring surface or some surfaces required high chemical resistant, load bearing, abrasion resistance.

**Recommended for:**

- Industrial flooring surface or chemical warehouse, pharmaceutical factory, food or electric factory, garage that need heavy loading capacity.
- Equipment or tank requires high chemical resistance, anti-erosion or needs to meet HACCP standard.
- BestCoat EP726 can be directly applied on surface of metal, concrete, cement layer, fiber cement panel, epoxy mortar, wood...

**Advantages:**

- High strength, well bonding, crack resistance, peeling resistance.
- Resistance to abrasion, chemical and sustainability in corrosive environments.
- High gloss, easy to clean and wash.
- High coverage ability, easy to apply, saving material and labor.
- The solvent content is very low so it is safer to use.
- Meet hygiene and safety standards for food and pharmaceutical products.

**PRODUCT DATA:**

**Package:** 05; 30 kg/set.

**Shelf life:** 12 months from manufactured date (In original, unopened package).

**Color:** According to the standard color. (Color can be optional according to the minimum required quantity).

**Density:** 1.40 ± 0.05 kg/liter @ 25°C.

**Solid content:** ≥ 95 %.

**Consumption:** 0.15 ÷ 0.20 kg/m<sup>2</sup>/layer (depend on surface status).

**Application temperature:** Minimum: + 10°C (but above dew point temperature of 5°C)  
Maximum: + 35°C Relative humidity ≤ 80%.

**Abrasion resistance:** ≤ 70 mg (CS10 /1000/1000).

**Mixing ratio:** See on the package.

**Chemical resistance** (% the weight increase or reduce after dipping in chemical liquor, at 30°C):

Time	Xylene	Toluene	70% Axít Sulphuric	Ethylene Glycol Monobutyl Ether	Methyl Ether Ketone	50% NaOH
03 weeks	0.05	0.75	0.8	0.85	Destroy	-0.06
03 months	0.006	2.12	0.8	1.80	Destroy	-0.06

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Time	Skydrol	Distilled water	5% Axít Acetic	10% Axít Lactic	Trichloroethane	Ethanol
03 weeks	-0.12	0.30	0.90	0.65	0.05	2.35
03 months	-0.25	0.50	1.50	1.15	0.05	1.20

**Thermal resistance:** Up to 100°C for some basic chemicals as H<sub>2</sub>SO<sub>4</sub> 7%, HCl 15%, NaOH 50%

**Pot-life:**

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Pot-life (minutes)	70	60	40	20

**Waiting time:**

Environment temperature	+20°C	+25°C	+30°C	+35°C
Waiting time Minimum	24 hours	20 hours	16 hours	12 hours
Maximum	36 hours	30 hours	24 hours	24 hours
Walk-ability	36 hours	30 hours	24 hours	20 hours
Light loading capacity	5 days	4 days	3 days	2 days
Completely cured	10 days	10 days	7 days	5 days

**GUIDE TO APPLICATION:**

<b>Coating system:</b>	For surface absorption: BestPrimer EP601 or BestPrimer EP603. Smooth surface, solid and medium roughness: at least 2 layers of BestCoat EP726.
<b>Substrate requirement:</b>	To concrete surface: Compressive strength: ≥ 20 MPa, tensile strength: ≥ 1.5 MPa. The surface should be flat, solid, and dry (maximum moisture is 5%), and impurities, broken pieces, and dust should be removed.
<b>Mixing:</b>	Mixing by slowly stirring (at speed of 300 ÷ 400 rpm). The minimum mixing time is 03 minutes and is longer until reaching the required homogeneity. Take the mixtures for about 02 minutes then stir again before application.
<b>Application:</b>	Use a brush or short roller or pressure sprayer to apply. <b>Notes:</b> Do not use mixtures over time to apply and get hardening.
<b>Cleaning:</b>	Use BestThinner SC-01 to clean equipment immediately after work.
<b>Safety:</b>	PPEs must be worn. In case of accidental eye contact, wash with fresh water and seek medical advice immediately.

**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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