



# BestPrimer PU40S

Jan 2024 Version

Polyurethane primer, solvent-based, one component

**Description:** BestPrimer PU40S is a polyurethane primer, solvent-based, with two components, it has low viscosity and high strength.

**Recommended for:** BestPrimer PU40S is used to make a primer between surfaces that need protection such as concrete, mortar, stone... and protective or waterproofing coatings BestCoat, BestSeal based on epoxy, polyurethane or polyurea... to increase the adhesion between the two layers of materials.  
BestPrimer PU40S can be applied to floors of concrete, cement plaster, fiber cement panels, epoxy mortar ... factories, warehouses, garages, parking lots, roof floors, terraces...

**Advantage:**

- High permeability so it can bond deeply into the material.
- Bonds well to all material surfaces, including metal surfaces.
- Increases aesthetics and saves significant materials for the next coating.
- High resistance to alkalis, chemicals and corrosion.
- Easy to apply with available tools such as brushes, rollers, pressure sprayers, etc.
- No time limit for application, so it is easy to apply, avoiding waste of materials.
- Low material consumption, so it is very economical and effective.
- Use immediately, no need for further preparation.

## PRODUCT DATA

<b>Existence form:</b>	Viscous liquid containing solvent.
<b>Color:</b>	Dark Brown
<b>Package:</b>	5; 10 kg/set.
<b>Storage:</b>	Store in a cool, dry place, away from sources of heat, fire...
<b>Shelf life:</b>	06 months, in a sealed package and stored in a cool and dry place.
<b>Solid content:</b>	≥ 40%.
<b>Specific gravity:</b>	0.95 ± 0.05 kg/liter (25°C).
<b>Consumption:</b>	0.10 ÷ 0.20 kg/m <sup>2</sup> /layer (Depending on surface condition).
<b>Surface drying time:</b>	~120 ÷ 240 minutes @ 30°C (depending on ambient temperature and air humidity).
<b>Adhesion strength:</b>	≥ 1.5 MPa (Concrete failure).
<b>Application temperature:</b>	Minimum: + 20°C (but above dew point temperature of 5°C) Maximum: + 35°C Relative humidity: 80%.

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**GUIDE TO APPLICATION**

<b>Substrate requirement:</b>	In case of absorption and porous surfaces: Apply at least 02 primer layers. Flat surface, solid and average roughness: Apply 01 primer layer. For hardener surface: Dilute BestPrimer PU40S with 05-10% of BestThinner SC01 before application.
<b>Substrate preparation:</b>	Concrete must have minimum strength (compressive strength: $\geq 20$ MPa, and tensile strength: $\geq 1.5$ MPa). The surface must be flat, solid, dry (maximum floor moisture is 4%), impurities, debris, and dirt must be cleaned properly.
<b>Application:</b>	Can be applied by brush, roller or pressure sprayer (no compressed air) to evenly distribute BestPrimer PU40S over the entire surface of the material. <b>Note:</b> Apply enough BestPrimer PU40S, corresponding to the absorption capacity of the surface, do not apply excess to create puddles on the surface. The construction area must be ventilated and the construction direction must be upwind. Do not smoke, stay away from heat sources, and electric sparks during the entire process of applying the product.
<b>Cleaning:</b>	Clean tools, and equipment with clean BestClean SC003 after work.
<b>Safety:</b>	The product is dangerous and flammable, so keep away from heat sources, sparks or flames when applying or storing the product. The product may cause skin allergies to sensitive skin when exposed for a long time. Wear gloves, masks and protective glasses when applying the product. In case of contact with eyes, nose, mouth, etc., rinse immediately with clean water several times before going to the nearest medical facility for timely and proper treatment. Dispose of excess product in accordance with local regulations.

**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.*