

May 2020 Version

# BestSeal EP627

Protective colored epoxy coating, solvent-based.

**Description:**

BestSeal EP627 is an epoxy protective membrane system, solvent-based with two components.

BestSeal EP627 is used to seal, and protect the surface from mechanical abrasion or aggressive corrosion by chemicals, the environment, anti-contamination, and antibacterial in construction buildings with long-term durability.

**Recommended for:**

Use as a high build, corrosion-resistant, protective coating, as a protective lining for secondary containment structures or as a seamless flooring system. Steel, wood or concrete, floor, mortar, stone nature.

**Advantage :**

- Low viscosity, high permeability. High bonding strength to surfaces derived from cement, metal, epoxy, polyurethane, and polyester.
- High gloss should increase the aesthetics of the project.
- High resistance to abrasion, chemicals, and anti-cavitation.
- Waterproof, and anti-contamination surface.
- Simple construction with available tools such as brush, roller...
- it is easy to apply and saves materials.
- Can be diluted with solvents to adjust the appropriate viscosity for each specific application.

**SPECIFICATION**

<b>Packaging</b>	20 kg/set.
<b>Shelf life:</b>	12 months from production date in original and unopened package, store in a cool and dry place. Avoid heat sources. Store at 10-30°C.
<b>appearance</b>	Viscous liquid.
<b>Density:</b>	0.95 kg/liter (25°C).
<b>Solid content:</b>	≥ 45%.
<b>Mixing ratio:</b>	<b>A:B = 4:1 (by weight).</b>
<b>Consumption:</b>	Approximately 0.10 ÷ 0.15 kg/m <sup>2</sup> /layer. Depending on the condition of the substrate.
<b>Construction environment:</b>	Min. +15°C ( about dew point 50°C) Max. +35°C, RH less than or equal to 80%.
<b>Tack free time:</b>	180 minutes at 30°C.

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**Pot-life**

Ambient temperature	<b>+20°C</b>	<b>+25°C</b>	<b>+30°C</b>	<b>+35°C</b>
Pot-life (Hour)	4	3	2	1

**Waiting time:**

Ambient temperature	<b>+20°C</b>	<b>+25°C</b>	<b>+30°C</b>	<b>+35°C</b>
Minimum time between two layers: min	20 hours	18 hours	15 hours	12 hours
max	48 hours	45 hours	40 hours	35 hours

**INSTALLATION**

- Surface condition:**
- For defects surfaces, it is necessary to treat with BestBond or BestRepair before applying BestSeal EP627.
  - For highly absorbent, porous surfaces, apply at least 03 coats of BestSeal EP627 or saturated but not puddled.
  - For flat, solid, and medium rough surfaces, apply at least 2 coats of BestSeal EP627.
  - For epoxy, polyurethane, and polyester coated surfaces, apply at least 1 coat of BestSeal EP627.

**Surface requirement:** For concrete surface, it must reach these parameters:  
 Compression strength match with loading press of using.  
 Tensile strength  $\geq 1.5\text{Mpa}$ .  
 The surface must be uniform, dry, RH maximum is 4%. All contaminations, and dust must be cleaned.

**Mixing:** Pre-mix each component. Proportion equal parts by volume of components 'A' and 'B' into a clean mixing container. Mix with a low-speed (300-400 rpm) drill using a paddle for 3 minutes or until uniform in requirements.

**Application:** Apply to coat using a roller, brush, or spray. Do not use the mixture and have working time over.

**Cleaning:** Clean material with Best thinner SC01 immediately after use and before the material hardened.

**Safety:** Two components are harmless. However, PPEs should be worn all the time while handling the product.  
 Rinse with plenty of water if the product accidentally splashes into the eyes, nose, and mouth. Go to the nearest medical facility for timely and proper treatment.

**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.*