

EPS- PRIME

High Performance,Solvent Based Epoxy Primer

DESCRIPTION:

- **EPS-PRIME** is a clear Polyamide Sealer designed to wet, strengthen, and seal porous surfaces and as a sealer/primer for prepared concrete surfaces.
- It is generally used to prime concrete surfaces prior to the application of the main coating products or systems. Areas to be coated with epoxy topcoats, membranes and joint sealants can be treated with **EPS-PRIME** .
- **EPS-PRIME** can also be used to prime for application of polyurethane and polyuria coatings as well as sealing concrete prior to vinyl, parquetry and carpet laying . It has good penetration into the substrate with moderate curing times.

USES:

EPS-PRIME can be used as a sealer and surface hardener for cementitious systems with variety of industrial application

- assembly areas
- parking floors
- kitchens
- showrooms
- laboratories
- Motor workshops
- Aircraft hangars
- Warehouses
- Stock and plant rooms

FEATURES AND BENEFITS:

- Good penetration
- May be diluted
- Good curing properties
- Suitable for a range of applications and coatings

SURFACE PREPARATION:

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- The surface must be sound, clean free from loose material, grease, laitance, dirt curing compound, etc.
- New concrete surface must be cured for at least 28 days and that moisture content measured on a suitable moisture meter is less than 5%.
- Laitance and weak surface layer shall be removed using mechanical methods such as grinding or blasting.
- After grinding or blasting has been completed vacuum the substrate to remove any dust.

MIXING:

- The individual components of **EPS-PRIME** should be thoroughly stirred before the two are mixed together. The entire contents of the hardener (B) container should be poured into the base (A) container.
- Mix the materials using an electric drill with low rotation speed (300 rpm) for 2-3 minutes until homogeneous mixture is obtained.
- Manual mixing is allowed for small batch quantities for approx.1-2 min or until homogeneous mixture is obtained.

APPLICATION :

- The application of **EPS-PRIME** is best carried out when the surface to be coated is above 10°C and when humidity does not exceed 85 %.
- **EPS-PRIME** can be applied by brush, roller or conventional/airless spray at a practical spread rate.
- If **EPS-PRIME** is used as primer for epoxy paints or joint sealant one coat is enough.
- If **EPS-PRIME** is used as a surface hardener for concrete floors, must apply two coats.

CURING:

The applied primer can receive foot traffic in 24 hours and recoat after 12 hours .

COVERAGE

- One Kg (A+B) from **EPS-PRIME** cover 8-10 square meter one coat.

TECHNICAL DATA

Appearance	A: resin B: Hardener
Colors	Transparent
Volume solid	40%
Specific gravity	0.94
Flash point	25 C
Touch dry	4 hours
Full cure	7 day
Pot life	3 hours
Mixing ratio	4A : 1B by WT

PACKAGING:

- A+B = 3.5 Kg
- A+B = 15 Kg

CLEAN UP INSTRUCTIONS:

EPS-PRIME should be removed from tools and equipment with solvent immediately after use. Hardened material can only be removed mechanically.

SHELF LIFE / STORAGE:

- Factory packed pails of **EPS-PRIME** carries a shelf life of 24 months, if stored in cool & dry place. the information should be treated as a general guideline.

ENVIRONMENTAL & SAFETY PRECAUTIONS:

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognized skin cleaner.
- Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.
- Flammable. Store in a cool dry place away from heat and sparks
- For further information check the Material Safety Data Sheet.