

DESCRIPTION

EP PRIMER SLC is a two component, filled, water-based multi-purpose epoxy primer.

TYPICAL APPLICATIONS

- Metal roofs,
- Metal coated areas,
- Wooden coatings,
- Over the bitumen membrane,
- Renewal of old polyurethane or polyurea insulation,
- In repairment and filling construction by adding silica sand.

FEATURES AND ADVANTAGES

- Easy to use.
- 1:1 mixture by volume.
- Low VOC value.
- Excellent adhesion to many surfaces.
- Easy cleaning.
- Ease of use in closed areas.
- Excellent chemical and alkali resistance.

APPLICATION PROCEDURE

• SURFACE PREPARATION

Before the application, in order to ensure a good adhesion oil, grease, paraffin wastes, cement grout, loose particles, mold release areas, cured old membranes should be removed from the surface. Surface defects should be repaired with suitable products. After the surface is prepared, the tensile strength of the ground concrete should be minimum 1,5 N/mm²

• APPLICATION

Before use, the packages should be opened and mixed with a low-speed mixer for 2-3 minutes. Then the A and B components are mixed for 2-3 minutes and made ready for use. It should be applied in one layer with the help of a roller, brush or spray until the entire surface is covered. For the filling, the mixture prepared by mixing with silica sand should be used. It will be easier for air evacuation if scanning is done with a dry roller on large concrete surfaces 5-10 minutes after application. In spray applications, it should be diluted with clean water at a maximum rate of 20%.

APPLICATION REMARKS

- Not recommended for unstable surfaces.
- It should be applied within maximum 45 minutes after mixing.

CONSUMPTION

- Metal surfaces: 0.20 - 0.25 lt/m²
- Flat surfaces: 0.15 - 0.20 lt/m²
- Rough surfaces: 0.20 - 0.25 lt/m²

CLEANING

After the application, all the tools used should be cleaned with water.

PACKAGING AND COLOR

A Component: 3,8 lt
B Component: 3,8 lt

STORAGE AND SHELF LIFE

The product can be stored for a maximum of 12 months in its unopened original package at temperatures between + 5°C and +25°C. Opened product should be used as soon as possible.

PRECAUTIONS

The product should be used in well ventilated environments. The product should not be in contact with open fires. Smoking should not be allowed during application. Protective gloves and masks should be used for hands and eyes during application. If the material comes into contact with eyes, it should be washed immediately with sufficient water. For more detailed information, ask for a Safety Data Sheet (MSDS) from CLEVER POLYMERS technical department.

TECHNICAL DATA

QUALIFICATION	METHOD	FEATURE
Coating Type	Clever Lab.	Water Based Epoxy
Solid Content	ASTM D 2697	44 % by volume
Flash Point	ASTM D1310	TOK \geq 93°C
Mixture Ratio	Clever Lab.	1:1 by volume
Application Temperature	Clever Lab.	Between +10°C - +40°C
Pot Life	Clever Lab. At 25°C / 55% RH	50 min.
Voc	EPA 24	\leq 100 gr/lit
Tack Free Time	At 25°C / 55 % RH	6 hours
Recoat Time	Clever Lab.	Between 12-48 hours



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