

EPOCELL SLS

SOLVENT-FREE EPOXY FLOOR COATING

DEFINITION

Epocell SLS, is 3-component self-levelling epoxy coating. The application can be 2-3 mm thickness and it has very high glossiness. It can be safely used where hygienic and easy- clean properties are considered.

Epocell SLS-A: Resin / **Epocell SLS-B:** Hardener / **Epocell SLS-C:** Filler

PROPERTIES

General properties

- Solvent-free
- High chemical resistance (i.e. acids, bases, cleaning chemicals)
- High pressure resistance
- High flexure resistance
- High abrasion resistance
- Strengthens the surface
- Easy-to-clean

APPLICATION AREAS

EPOCELL SLS can be safely used to public areas (i.e. office, showroom, shopping centre, factory etc) as glossy top coating.

SURFACE PREPARATION

New surfaces: The surface should be cleaned of dust, dirt, grease and impurities. The surface should be repaired by Dekonar, Decopaste OR Epocell RM products.

Please note that; the concrete surfaces should complete 28 days of curing period and the surface humidity should be lower than 5 %.

APPLICATION

Before the application of Epocell SLS, the surface should be primed by Epocell PR. Please see the Technical Data Sheet of Epocell PR for the application details. Sufficient amount of Epocell SLS-A (Resin) and Epocell SLS-B (Hardener) should be mixed until homogenous mixture is obtained. Epocell SLS-C (Filler) should be added to the mixture under lower rates of mixing. The amount of the mixture should be lower than the amount to be applied technically during the pot life. The necessary areas should be marked and covered by necessary equipments. When the desired thickness is reached, the surface should be rolled by spike roller. It should be waited overnight for the complete curing.

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PACKAGING AND STORAGE

Epocell SLS(25,3 kg set):Epocell SLS-A(Resin) 10 kg +Epocell SLS-B(Hardener)5,30 kg+Epocell SLS-C(Filler) 10 kg
Epocell SLS (10,12 kg set):Epocell SLS-A (Resin)4 kg+Epocell SLS-B(Hardener)2,12 kg+Epocell SLS-C (Filler) 4 kg
Epocell SLS(5,06 kg set):Epocell SLS-A (Resin)2 kg+Epocell SLS-B(Hardener)1,06 kg+Epocell SLS-C(Filler)1,06 kg

HEALTH AND SECURITY

R36/38 : Irritant for eyes and skin.

R43 : May cause sensitization by skin contact.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S24 : Avoid contact with skin.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 : After contact with skin, wash immediately with plenty of water and soft soap.

S37/39: Wear suitable protective clothing and gloves.

S61 : Avoid release to the environment.

TECHNICAL DATA

Consumption:	1,700-1,800 kg/m ² /mm
Pressure Resistance	60-80 N/mm ²
Bend Resistance	40-600 N/mm ²
Shore Hardness	50-70
%VOC	0 g/l