KANSAI SURESEAL SL 1

Solvent Free Epoxy Self Leveling

DESCRIPTION

KANSAI SURESEAL SL 1 is a pigmented three components solvent-free epoxy self-leveling. It is resistant to most industrial chemicals. It is also recommended for light to heavy vehicular traffic depending on the thickness and the type of aggregates used.

RECOMMENDED USES

KANSAI SURESEAL SL 1 has been designed for industrial and commercial floors to suite the individual taste and requirements of different industries. It is recommended for chemical plants, pharmaceutical facilities, food processing factories, clean rooms, laboratories, hospitals, showrooms, electronic and electrical factories, parking garage and other light to heavy duty manufacturing and warehousing facilities.

NOT RECOMMENDED FOR

Not suitable for continuous immersion in solvents and strong acids.

ADVANTAGES

- Universal application.
- Seamless - prevents ingress of chemicals into the substrate and prevents bacterial growth.
- Hard wearing - suitable for vehicular traffic.
- Hygienic - provide easy to clean dust free surface.
- Easy maintenance - facilitate house-keeping works and lower maintenance costs.
- Colour variety - available in wide range of colours to suit individual needs.
- Solvent Free - Low odour and environmental friendly.

CHEMICAL RESISTANCE GUIDE

Exposure	Splash & Spillage
Acids	Very Good
Alkali	Excellent
Solvents	Very Good
Salts	Excellent
Water	Excellent

PHYSICAL DATA

Volume Solid	: 100%
No. of Components	: Three
Mixing Ratio	: 4 Part A, 1 Part B, 1 Part C by weight
Theoretical coverage	: 2.80 kg /m^2 at 2mm thickness
Pot Life	: 30 minutes at 30◦C
Packing Size	: 6 kg & 24 kg
Drying Time	: Initial cure: 24 hours Full traffic : 48 hours. Full cure : 7 days

APPLICATION INSTRUCTIONS

Surface Preparation: Substrate should be clean and free from oil, grease and other contaminants. Concrete substrate shall have compressive strength of minimum 25 N/mm^2 and moisture content of maximum 4%. For concrete substrate with moisture content higher than 4%, a moisture barrier is recommended. New concrete shall be allowed to cure for at least 28 days before application. The ideal method of surface preparation is by captive blasting or mechanical scarifying in order to achieve the highest degree of adhesion between the resin and the concrete substrate.

Application: Stir Part A thoroughly and add Part B in the right mixing ratio. Add in Part C slowly with continuous stirring. Mixing shall be done with low speed power mixer until a homogeneous mixture is achieved. Pour the entire mixture on the surface and spread evenly with a notched trowel. Roll with spiked roller to release entrapped bubbles.

Cleaning: All tools and equipment shall be clean with **Thinner No.72** immediately after using. Hardened epoxy resin can be removed by mechanical tools.

MECHANICAL PROPERTIES

Compressive Strength	: 88 N/mm^2
Tensile Strength	: 50 N/mm^2
Flexural Strength	: 55 N/mm^2
Adhesion Strength	: >3.5 N/mm^2
Shore D Hardness	: 80
Taber Abraser	: 0.034 gm/1000 cycles