

**DATA SHEET****PRODUCT DESCRIPTION**

**SAKSHI SC 30** is a three pack epoxy base, self leveling screed coat for concrete Floor coating. **SAKSHI SC 30** is useful for Industrial, Chemical & Automobile plants and other concrete surfaces.

**PRINCIPAL CHARACTERISTICS**

**SAKSHI SC 30** Three pack epoxy resin Based 1-10 mm Screed Coat recommended for concrete and masonry Substrates. It has an excellent compressive strength and abrasion resistance. Excellent flow and leveling characteristics. Very good wearing and chemical resistance. Excellent adhesion to concrete and masonry Substrates. Excellent impact resistant and flexibility. High mechanical strength.

**BASIC DATA**

Colour	Brownish white
Recommended DFT/ Coat	1-10 mm
Mixed Density	1.65±0.03 g/cm <sup>2</sup>
Drying time at 30°C	Surface dry - 2hours Hard dry - 20 hours Full cure - 7 days
Mixing Ratio (By weight)	Base: Hardener: Filler, 2: 1: 5
Flash Point	Above 135°C
Pot life at 30°C	>45 minutes
Compressive strength	>80 N/ mm <sup>2</sup> as per IS 9162
Flexural strength	>40 N / mm <sup>2</sup>
Adhesion	>1.50 N / mm <sup>2</sup>
Corrosion Resistance	Excellent
Flame resistance	Self Extinguishing, Flame Retardant



### Instructions for use:

**Surface Preparation:** A clean, dry and sound, concrete substrate is essential for Floor coating application and in ensuring maximum bonding between the substrate and flooring system. New concrete surface must be a minimum of 30 days old, free from curing Compounds and have moisture content less than 3-4 % prior to application of the primer. The surface can be prepared mechanically using shot blasting or other blasting equipment, or by acid etching followed by thorough water wash and wire brushing. The choice of surface preparation should be determined by the extent and nature of contamination present on the concrete surface. All dust present must be removed prior to screed coat application.

**Mixing:** Stir the base and hardener separately, with the help of power driven hand stirrer, mix hardener into the base. Then add filler in that mixture as per the stated mixing ratio Apply after induction time and before expiration of pot life.

**Application:** screed coat can be applied on primed Substrate temperature should be at least 3 °C above dew point. Maximum relative humidity during application and curing is below 85% All tools and equipment can be cleaned with Thinner **SAKASHI THINNER 400**.Screed coat application must be done when the primer is tacky. Allow to cure for overnight.

### Storage & Packing

Storage: Store in a cool, dry place.  
Packing: 10, 20 Kgs.

### Shelf life

12 Months (**cool & dry place**)

### Safety Information

As a general safety measure, inhalation of solvent vapors or coating mist and contact of coating with skin & eyes should be avoided. Forced ventilation should be provided when applying coating in Confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye Protections are always recommended while coating application.

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#### LIMITATION OF LIABILITY

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