

DATA SHEET

PRODUCT DESCRIPTION

SAKSHI SC 31 is a three pack Epoxy and Polyamidoamine based, self leveling screed coat for concrete Floor coating.

SAKSHI SC 31 is tested at **NABL laboratory**.

SAKSHI SC 31 Useful for Industrial, Chemical & Automobile plants, as well as for concrete and metal surfaces.

PRINCIPAL CHARACTERISTICS

SAKSHI SC 31 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	1.67±0.02 g/cm ²
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	650 Kg/cm ²
Flexural strength	210 Kg/cm ²
Tensile Strength	125Kg/cm ²
Pull off bond Strength (To concrete surface at 7days cure)	2.0-2.2 N/mm ²



Instructions for use:	<p>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.</p> <p>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.</p> <p>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</p> <p>Apply after induction time and before expiration of pot life.</p> <p>Application: screed coat can be applied on primed Substrate temperature should be at least 3 °C above dew point.</p> <p>Maximum relative humidity during application and curing is below 85%</p> <p>All tools and equipment can be cleaned with Thinner SAKASHI THINNER 400.</p> <p>Screed coat application must be done when the primer is tacky.</p> <p>Allow to cure for overnight.</p>
Storage & Packing	<p>Storage: Store in a cool, dry place.</p> <p>Packing: 10, 20 Kgs.</p>
Shelf life	12 Months (cool & dry place)
Safety Information	<p>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.</p>

LIMITATION OF LIABILITY

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by SAKSHI COATING PVT LTD, whether in technical documentation or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge are reliable. The products and information are designed for users having requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use. SAKSHI COATING PVT LTD has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. SAKSHI COATING PVT LTD does therefore not accept any liability arising from loss, damage or injury resulting from such use or the contents of this data sheet. **Date-JAN. 2019**

