

DATA SHEET

DESCRIPTION	SAKSHI GR 50 is a two components modified epoxy resin based grout. It is low viscosity, self leveling fluid epoxy resin grouting compound formulated to withstand static and dynamic loads in wide variety of application.
PRINCIPAL CHARACTERISTICS	<p>SAKSHI GR 50 can be used to fill the voids between a given substrate (usually concrete) and machinery base plates, equipments base plates ,anchor bolts holes, bearing plates, prefabricated columns, rails and tilts-up panels.</p> <p>SAKSHI GR 50 can be used for concrete, wood and metal surfaces.</p> <p>SAKSHI GR 50 having excellent flow and leveling characteristics.</p> <p>SAKSHI GR 50 having high compressive and flexural strength.</p> <p>SAKSHI GR 50 having high tensile and bond strength.</p>
BASIC DATA	
Colour	Natural (mixed)
Mixing Ratio by wt	10:1 by Weight
Practical Cure @30 ⁰ C	24 hours
Full Cure @ 30 ⁰ C	7 days
Induction Time	10 minutes
Pot life	1hr
Application method	Pouring and Injection
Compressive strength@30 ⁰ C	65 MPa (7days cure)
Tensile strength@30 ⁰ C	18 MPa (7days cure)
Bond strength@30 ⁰ C	>1.8 MPa (7days cure)
Flexural strength@30 ⁰ C	28 MPa (7days cure)

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Instructions for use:

Surface Preparation: A clean, dry and sound, concrete substrate is essential for Grouting application and in ensuring maximum bonding between the substrate and Grout 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 and Grout system.

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 final 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: Grout can be applied on wet primer.

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.

Allow to cure for overnight.

Storage & Packing

Storage: Store in a cool, dry place. Store in accordance with local regulations.

Packing: 10&20Kgs

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.

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**
