

### PRODUCT DESCRIPTION

**SAKSHI PR 21** is a two pack Epoxy and Modified Cycloaliphatic Polyamine resin based Clear primer for concrete masonry and other substrates. **SAKSHI PR 21** is tested at **NABL Laboratory**.

### PRINCIPAL CHARACTERISTICS

- Excellent primer for concrete and other surfaces.
- Good penetration and sealing properties
- Good bonding with all concrete and other surfaces that are sound and clean dry.
- Excellent adhesion between concrete and other surface and screed coat & top coating.
- Good chemical resistance.
- Best primer for epoxy floor coating.

### COLOURS AND GLOSS

Clear and Semi Glossy

### BASIC DATA

Recommended DFT/ Coat

100-110 Microns

Mixed Density

1.85±0.03 g/cm<sup>2</sup>

Drying time at 30°C

Surface dry - 1 hour  
Hard dry - 15 hours  
Full cure - 7 days

Mixing Ratio (By weight)

Base: Hardener, 1: 1

Flash Point

Above 135°C

Pot life at 30°C

>45 minutes

Compressive strength

900 Kg/cm<sup>2</sup>

Flexural strength

435Kg/cm<sup>2</sup>

Tensile Strength

125Kg/cm<sup>2</sup>

Pull off bond Strength  
(to concrete surface at 7days cure)

1.8-2.2 N/mm<sup>2</sup>

## DATA SHEET

<b>Instructions for use:</b>	<p><b>Surface Preparation:</b> A clean, dry and sound, concrete substrate is essential for Floor coating application and in ensuring maximum bonding between the substrate and flooring system.</p> <p>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.</p> <p>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 primer application.</p> <p><b>Mixing:</b> Stir the base and hardener separately, with the help of power driven hand stirrer</p> <p>Mix hardener into the base as per the stated mixing ratio.</p> <p>Apply after induction time and before expiration of pot life.</p> <p><b>Application:</b> apply primer by stiff brush for better penetration. The coverage would vary significantly based on the nature of the concrete surface.</p> <p>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- SAKSHI THINNER 400</p>
<b>Storage &amp; Packing</b>	<p>Storage: Store in a cool, dry place. Store in accordance with local regulations.</p> <p>Packing: 10, 20 Kgs</p>
<b>Shelf Life</b>	12 Months <b>(cool &amp; dry place)</b>
<b>Safety Information</b>	<p>As a general safety measure, inhalation of solvent vapors or coating mist and contact of coating with skin &amp; 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>

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### 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**

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