

PRODUCT NAME :	KANSAI SUREFIX 101
DESCRIPTION :	<p><i>KANSAI SUREFIX 101 is a two component, solvent free epoxy resin compound made from specially selected epoxy resin-hardener system designed for numerous construction and repair needs. The highly thixotropic material provides good workability on either horizontal or vertical surfaces.</i></p>
RECOMMENDED USE :	<p><i>KANSAI SUREFIX 101 can be used as an adhesive for concrete, adhesive, stones, ceramic, bricks, steel, wood etc.</i></p> <p><i>The applications include the following:</i></p> <ul style="list-style-type: none"><i>Adhesive for concrete, steel, stone, ceramic, timber etc.</i><i>Adhesive for synthetic rubber and Hypalon waterproofing joints</i><i>Patching compound for horizontal and vertical surfaces</i><i>Adhesive for joining concrete pipes</i><i>Anchoring adhesive for steel bars</i>
PERFORMANCE :	<ul style="list-style-type: none"><i>Non-flammable.</i><i>Surface tolerance</i><i>Suitable for horizontal and vertical surfaces</i><i>Good water and chemical resistance.</i><i>High abrasion and impact resistance.</i><i>High mechanical strength.</i><i>Fast Curing.</i><i>Cure under high humidity.</i><i>Excellent adhesion to most substrates.</i><i>No shrinkage.</i><i>Easy application.</i><i>No VOC</i>

<i>PHYSICAL PROPERTIES</i>	
<i>SOLIDS CONTENT</i>	100 %
<i>NO. OF COMPONENTS</i>	Two
<i>MIX RATIO</i>	2 Part A to 1 Part B by weight
<i>CURING MECHANISM</i>	Chemical Reaction
<i>DRYING TIME</i>	Setting Time : 20 to 30 minutes Initial cure : 3 hours Full cure : 7 days
<i>ADHESION PROPERTIES</i>	Concrete – excellent Steel – excellent Wood – excellent
<i>COMPRESSIVE STRENGTH</i>	50 - 60 N/mm
<i>FLEXURAL STRENGTH</i>	20 - 25 N/mm
<i>TENSILE STRENGTH</i>	15 - 20 N/mm
<i>TEMPERATURE RESISTANCE</i>	80° C
<i>PACKING SIZE</i>	5 kg : Part A – 3.33 kg Part B – 1.67 kg
<i>SURFACE PREPARATION</i>	All surfaces must be clean, sound and free from dust, oil, grease or surface contaminants. Concrete : Mechanically abrade surface to remove loose materials and laitance. New concrete shall be cured for at least 28 days. Steel : Dry abrasive blast or power tool clean the steel surface to remove old paint, loose rust and mill scale. Solvent wipe to remove oil or grease.
<i>MIXING</i>	Mix the pre-weighed pack of Part A (off white) and Part B (black) till homogeneous with spatula or low speed grill. Off ratio mixing or insufficient mixing will affect the curing and mechanical properties of the product. The pot life is about 20 minutes, do not mix more than the quantity needed.

APPLICATION

Apply by trowel or spatula.

CLEANING

Clean all equipment and tool with KANSAI PLC Cleaner #72 immediately after use.

For further information on Product Data, please contact:

Protective Coatings Sales Department

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DISCLAIMER :

The information in this sheet is provided to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond the manufacturer's control, it is the sole responsibility of the buyer to obtain confirmation from the manufacturer on the suitability of the product for the intended use. Therefore, the manufacturer can accept no liability for the performance of the product, or any loss or damage arising out of such use. The information detailed in this data sheet is subject to change without notice in light of experience and of normal product development.