

PRODUCT NAME :	KANSAI SUREFIX 100
DESCRIPTION :	<i>KANSAI SUREFIX 100 is a two component, solvent free epoxy resin mortar adhesive made from specially selected epoxy resin-hardener system designed for numerous construction and repair needs. The high viscosity material provides good workability on either horizontal or vertical surfaces.</i>
RECOMMENDED USE :	<i>KANSAI SUREFIX 100 can be used as an adhesive for concrete, adhesive, stones, ceramic, steel, wood etc. It is suitable for patching irregular surfaces. It is also suitable to be used as a hard wearing, non-dusting and chemical resistant tile grout as well as tile adhesive for vertical surfaces.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>. Non-flammable.</i> • <i>High impact resistance.</i> • <i>Good water and chemical resistance.</i> • <i>Fast Curing.</i> • <i>Cure under high humidity.</i> • <i>Excellent adhesion on many types of surfaces.</i> • <i>Easy application.</i>
PHYSICAL PROPERTIES	
SOLIDS CONTENT	<i>100 %</i>
NO. OF COMPONENTS	<i>Two</i>
RATIO	<i>1 Part A to 1 Part B by weight</i>
CURING MECHANISM	<i>Chemical Reaction</i>
SETTING TIME	<i>30 to 45 minutes</i>
CURING	<i>Initial cure : 3 hours</i> <i>Full cure : 7 days</i>
ADHESION PROPERTIES	<i>Concrete – excellent</i> <i>Steel – excellent</i> <i>Wood – excellent</i>
COMPRESSIVE STRENGTH	<i>85 N/mm</i>
FLEXURAL STRENGTH	<i>45 N/mm</i>
TENSILE STRENGTH	<i>30 N/mm</i>
PACKING SIZE	<i>Part A – 2.5 kg</i> <i>Part B – 2.5 kg</i>

SURFACE PREPARATION	<p>All surfaces must be clean, sound and free from dust, oil, grease or surface contaminants.</p> <p>Concrete :</p> <p>Mechanically abrade surface to remove loose materials. New concrete shall be cured for at least 28 days.</p> <p>Steel :</p> <p>Dry abrasive blast or mechanically clear steel surface to remove loose rust and mill scale.</p> <p>Solvent wipe to remove oil or grease.</p>
MIXING	<p>Mix small amount of equal weight of Part A and Part B till homogeneous with putty knife or scrapper. The pot life is about 20 minutes, do not mix more than the quantity needed.</p>
APPLICATION	<p>Apply by trowel or spatula.</p>
CLEANING	<p>Clean all equipment and tool with KANSAI PLC Cleaner #72 immediately after use.</p>

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.