

PRODUCT NAME :	KANSAI SUREFIX 280
DESCRIPTION :	<i>KANSAI SUREFIX 280 is a two-component, solvent free epoxy binder designed for numerous construction and repair applications. KANSAI SUREFIX 280 has excellent bonding for two layers of concrete as well as steel to concrete. It can be used to repair cracks in concrete under wet or damp conditions. It has high mechanical strength and no shrinkage during curing.</i>
RECOMMENDED USE :	<i>KANSAI SUREFIX 280 can be used to pour into concrete cracks for repair purposes. It can be used to seal porous concrete, as an adhesive for bonding of old and new concrete slabs, old and newly poured concrete, and for fixing tiles, anchor bolts as well as dowel embedment for crack repair works</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Excellent adhesion for concrete, woods, steels and etc.</i> • <i>Not sensitive to damp surfaces.</i> • <i>No shrinkage during curing.</i> • <i>Can be extended with clean silica aggregates to reduce cost or for thicker applications.</i> • <i>High mechanical strength.</i> • <i>Simple mixing procedures.</i> • <i>Non – flammable.</i>
PHYSICAL PROPERTIES	
COLOUR	<i>Clear</i>
SOLID CONTENT	<i>100 %.</i>
NO. OF COMPONENTS	<i>Two.</i>
MIXING RATIO	<i>3 Part A to 1 Part B by weight</i>
CURING MECHANISM	<i>Chemical reaction</i>
DRYING TIME	<i>Setting time : 60 minutes</i> <i>Full cure : 3 hours</i> <i>Pot life: 20 minutes</i>
ADHESIVE STRENGTH	<i>18 N/mm²</i>
TENSILE STRENGTH	<i>28 N/mm²</i>
COMPRESSIVE STRENGTH	<i>75 N/mm²</i>
PACKING SIZE	<i>5 kg : Part A – 3.75 kg</i> <i>Part B – 1.25 kg</i> <i>10 kg : Part A – 7.5 kg</i> <i>Part B – 2.5 kg</i>
SURFACE PREPARATION	<i>The surface must be structurally sound and free of contaminants such as oil, grease, dust,</i>

	<i>dirt, mould, oil, etc. For best performance, mechanical cleaning is highly recommended.</i>
MIXING	<i>Thorough mixing is critical. Pour the entire content of Part B into Part A, and mix with a slow speed hand drill. Scrap the side of the container to ensure complete mixing. For mixing with silica aggregates, a mortar mixer is preferred.</i>
SEALING	<i>Apply with roller, brush or airless pump.</i>
BONDING	<i>For bonding of toppings, apply KANSAI SUREFIX 280 by roller. Pour concrete or epoxy topping onto the coated surface before the surface loses its tackiness, or broadcast it with silica aggregates immediately after laying. Lay the topping within 24 hours before the surface hardens.</i>
ANCHORING	<i>Suitable to be used as an anchor on horizontal surfaces.</i>
FLOOR TOPPING	<i>Apply a coat of the binder onto the prepared substrate, immediately trowel a mixture of KANSAI SUREFIX 280 mixed with 5 parts of clean silica aggregates.</i>
CLEANING	<i>Clean all equipment and tools with KANSAI PLC Cleaner #72 immediately after use.</i>

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.