

PRODUCT NAME :	KANSAI SUREFIX 160
DESCRIPTION :	KANSAI SUREFIX 160 is a 100% solid, three component epoxy bedding compound based on specially selected epoxy resins and hardener that can achieve 75% of the final strength in 24 hours. It is a three-component system that forms a trowellable mortar after mixing, adheres very well to cement-bound surfaces.
RECOMMENDED USE :	KANSAI SUREFIX 160 can be used as a repair and patching mortar for concrete, plaster, bricks and steel surfaces. Areas where it is applicable includes repair of damaged edges, concrete floor and concrete runway. KANSAI SUREFIX 160 is also recommended for filling of large cavities, grouting of bridge bearings, mounting of heavy machinery, anchoring of bolts and grouting of crane rails.
PERFORMANCE :	<ul style="list-style-type: none"> • High compressive and tensile strength • Achieve 75% strength in 24 hours. • Tough vibration-resistant material. • Negligible shrinkage. • Curing not affected by high humidity. • Good chemical resistance. • Made of non-corrosive materials. • Economical.
PHYSICAL PROPERTIES	
COLOUR	Neutral
NO. OF COMPONENTS	Three
MIXING RATIO	4 Part A to 1 Part B to 25kg Part C by weight.
DENSITY	Approximately 2kg/liter
POT LIFE	30 minutes @ 30°C
DRYING TIME	Set Time: 4 to 6 hours. Full cure: 7 days.
FLEXURAL STRENGTH	20 N/mm ²
COMPRESSIVE STRENGTH	24 hours : 50 N/mm ² 7 days : 75 N/mm ² Full Cure : 80 N/mm ²
PACKING SIZE	Part A – 2.8 kg Part B – 0.7 kg Part C – 25 kg

SURFACE PREPARATION	<i>Substrate and other contact area must be clean, sound and free from oil, grease, loose particles or dust. Concrete and mortar should be mechanically abraded to improve adhesion. Reinforcement bars should be free from loose rust and primed with a suitable primer.</i>
MIXING	<i>Stir Part A and Part B thoroughly and mix with slow speed mixer till homogeneous. Slowly add in Part C while still mixing.</i>
APPLICATION	<i>The mixed materials is applied to the prepared surface using wooden or steel trowel. The materials must be pressed well into the surface to ensure good contact which is essential for the adhesion between surfaces.</i>
CLEANING	<i>Excess materials shall be removed as quickly as possible with a coarse, damp cloth. Gelled or semi-gelled materials can be removed by using KANSAI PLC Cleaner #72.</i>
HANDLING	<i>Wear protective clothing, gloves and goggles. Do not take internally and avoid contact of uncured materials with skin. Clean hands and equipment immediately with soap and water. In case of contact with eyes, flush with plenty of clean water and consult a physician.</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.