

PRODUCT NAME :	KANSAI CONDUCOAT 502 SF
DESCRIPTION :	<i>KANSAI CONDUCOAT 502 SF is a two-component self-smoothing anti-static epoxy coating. The specially formulated coating will provide specific control of Electrostatic Discharge (ESD). The liquid phase materials will flow and smoothen itself before it hardens. The final product is a seamless, hard-wearing and attractive layer that is chemical resistant, impervious and easy to maintain.</i>
RECOMMENDED USE :	<i>KANSAI CONDUCOAT 502 SF is suitable for industrial or commercial floors where an anti-static or conductive surface is required. It is most recommended for interior surfaces of clean rooms, electronic factories, hospital, computer room, printing factories, storage of explosive materials, pharmaceutical factories and other factories and locations dealing with hazardous dust, inflammable gases or liquids.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>No odour - application works can be carried out without complete shutdown.</i> • <i>No fire hazard - can be used in areas where solvent-based coatings are not allowed.</i> • <i>Superior anti-static properties and not affected by ageing.</i> • <i>Prevents static electric destruction of sensitive components.</i> • <i>Smooth and seamless surface - easy to clean.</i> • <i>Good resistance against most industrial chemicals.</i> • <i>Environmental friendly - Zero VOC content.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Gloss</i>
COLOUR	<i>Wide range of colours</i>
VOLUME SOLID	<i>100%</i>
TYPICAL SURFACE RESISTANCE	<i>10⁴ to 10⁶ ohms</i>
NO. OF COMPONENTS	<i>Two</i>

MIXING RATIO	4 part of A to 1 part of B by weight
RECOMMENDED THICKNESS	1.0 to 2.0 mm
THEORETICAL COVERAGE	1.3 kg/m ² / mm
NO. OF COATS	One
RECOMMENDED DRYING TIME	Touch dry : 6 hours Light Traffic: 24 hrs.
GEL TIME	20 to 30 minutes at 30°C
PACKING SIZE	Part A – 4 kg / 16 kg Part B – 1 kg / 4 kg
SURFACE PREPARATION	<i>The surface to be coated shall be thoroughly cleaned and degreased to ensure that it is free from oil, grease and other contaminants. Surface shall be vacuum blasted to remove surface laitance and create profile for better adhesion. Fins and protrusions shall be removed by sanding or grinding. New concrete shall be cured for at least 28 days. Concrete slabs must be waterproofed to prevent damages due to rising dampness from below the slab.</i>
UNDERCOAT	<i>KANSAI CONDUCOAT 209 WB can be applied by using roller. Make sure that the required thickness is achieved to ensure good anti-static properties.</i>
MIXING	<i>Stir Part A and Part B thoroughly in their own containers with power mixer, then pour Part B into Part A in the pre-weighed packing and continue to stir. Mix to a uniform consistency before applying.</i>
THINNING	<i>Thinning is not allowed for solvent free materials.</i>

APPLICATION	<i>KANSAI CONDUCOAT 502 SF can be applied by trowel or squeegee. First pour the mixed materials on the primed surface and spread to the calculated coverage using a metal trowel. Roll the surface with spiked rollers to break bubbles and assist levelling.</i>
POT LIFE	<i>The pot life of the mixed materials is 20 to 30 minutes. Upon reaching the end of the pot life, the mixed materials will be heated up by the exothermic reaction. Mixed materials shall be used up before the end of the pot life.</i>
CURING	<i>Applied materials can be open to light traffic after 24 hours. Full cure can be achieved after 7 days.</i>
CLEANING	<i>All application tools and equipment shall be cleaned with KANSAI PLC Thinner #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.