

PRODUCT NAME :	KANSAI CONDUCOAT 209 WB
DESCRIPTION :	<i>KANSAI CONDUCOAT 209 WB is a two-component water-borne epoxy anti-static coating suitable for application over concrete, mortar, masonry, asbestos, bricks and metal surfaces.</i>
RECOMMENDED USE :	<i>KANSAI CONDUCOAT 209 WB is used as an undercoat for conductive and anti-static topcoats, it is suitable for wall and floor of industrial or commercial locations where an anti-static environment is required. It is most recommended for interior surfaces of clean rooms, electronic factories, hospital, computer room, printing factories, pharmaceutical factories and other factories and locations dealing with inflammable gases or liquids. Not suitable for continuous immersion in solvents and strong acids.</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>Excellent adhesion to concrete and masonry surfaces.</i> • <i>Good resistance against mild chemicals.</i> • <i>Easy to clean - application tools and equipment can be cleaned easily with water after use.</i> • <i>Environmental friendly - Zero VOC content.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Matt</i>
COLOUR	<i>Black</i>
VOLUME SOLID	<i>35 %</i>
NO. OF COMPONENTS	<i>Two</i>
MIXING RATIO	<i>4 part of A to 1 part of B by weight</i>
RECOMMENDED THICKNESS	<i>50 microns DFT per coat</i>
THEORETICAL COVERAGE	<i>83 microns WFT per coat</i>
NO. OF COATS	<i>6 to 7 m² / kg for concrete surfaces</i>
RECOMMENDED TOP COATING TIME	<i>One coat</i>
	<i>Minimum : 8 hours.</i>
	<i>Maximum : 48 hours.</i>
PACKING SIZE	<i>Part A – 4 kg</i>
	<i>Part B – 1 kg</i>

GEL TIME	90 to 120 minutes
SURFACE RESISTANCE	10^2 to 10^3 ohms
SURFACE PREPARATION	<i>The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. Surface dust must be removed using industrial vacuum cleaner. Fins and protrusions shall be removed by stoning, sanding or grinding. New concrete shall be allowed to cure for at least 28 days before application of KANSAI CONDUCOAT 209 WB</i>
PRIMER	<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 thinning.</i>
THINNING	<i>Thin not more than 10% with clean water for workability.</i>
CURING	<i>In order for the water in the coated film to be released quickly, coated areas must be well ventilated. Coated surface can be open for foot traffic after 24 hours. With good ventilation, topcoats can be applied after 6 to 8 hours.</i>
CLEANING	<i>All application tools and equipment can be cleaned with water and detergent 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.