



PRODUCT NAME :	KANSAI SURESEAL 411 WB
DESCRIPTION :	<i>KANSAI SURESEAL 411 WB is a two-component water-borne epoxy coating. It does not contain any organic solvent and free from problems related to strong odor and fire hazard during application. KANSAI SURESEAL 411 WB is suitable for application over metal and mineral surfaces. On concrete surface, it penetrates deep into the surface to ensure tight adhesion to the concrete. It meets the outgas requirements applied to clean room applications for semiconductor plants.</i>
RECOMMENDED USE :	<i>KANSAI SURESEAL 411 WB is highly recommended as a protective and decorative coating for various substrates. It acts as a breathable primer for concrete and mineral surface and as a protective topcoat for both mineral and steel substrate. It can also be used as surface hardener for concrete surfaces to prevent dusting. It is particularly suitable as a hygiene coating for semiconductor, food and pharmaceutical factories, hospitals and areas where extremely clean and hygienic coating is desired. KANSAI SURESEAL 411 WB is available in wide range of colours to suit the requirements for specific clients and architects.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • Meets outgas testing requirements for clean room • Solvent free, no odour – enable application works in confined places breathable without complete shutdown. • No fire hazard – can be used in areas where solvent-based coatings are not allowed. • Less sensitive to moisture during application. • Excellent adhesion to concrete and masonry surfaces. • Good resistance against mild chemicals. • Easy to clean – application tools and equipment can be cleaned easily with water after use. • Environment friendly – Zero VOC content. • Non-gassing; does not contain any amine, ammonia or solvent.
PHYSICAL PROPERTIES	
FINISH	Semi-Gloss
COLOUR	Refer to colour chart.
WEIGHT SOLIDS	60 %
NO. OF COMPONENT	Two
MIXING RATIO	9 Part A to 1 Part B by weight
RECOMMENDED THICKNESS	70 - 80 microns DFT per coat 140 - 190 WFT microns per coat

THEORETICAL COVERAGE	4 to 5 m ² /kg on concrete surfaces
NO. OF COATS	Two or three.
DRYING TIME	
TOUCH DRY	As at 25°C : 3 hour As at 35°C : 2 hour 10 minutes
HARD DRY	As at 25°C : 4 hour As at 35°C : 3 hour
POTLIFE	As at 25°C : 4 hour As at 35°C : 2 hour
PACKING SIZE	Part A - 9 kg Part B - 1 kg
SURFACE PREPARATION	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, sanding or grinding. New concrete shall be allowed to cure for at least 28 days before application of KANSAI SURESEAL 411 WB.
MIXING	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.
THINNING	Thin not more than 20% with clean water for primer coat on concrete and not more than 10% for topcoats.
APPLICATION	KANSAI SURESEAL 411 WB can be applied by rollers, brushes or spraying equipment. Make sure sufficient material is applied evenly to the entire surface to ensure maximum penetration. For application in enclosed area, provide sufficient ventilation to ensure proper drying of applied materials.
CURING	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.
CAUTION	Insufficient ventilation after application will result in patchiness of dry film.
CLEANING	All application tools and equipment can be cleaned with water and detergent after use.

For further information on Product Data, please contact

Protective Coatings Sales Department

Kansai Paint Asia Pacific Sdn Bhd. (705919-W)
4 Solok Waja 2, Kawasan Perindustrian Bukit Raja, 41719 Klang, Selangor, Malaysia.
Tel: 6(03) 3362 2388 Fax: 6(03) 3344 2331

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.

Date Issued: August 2018

Page 2 of 2

Revision No: 1

This Technical Data Sheet supersedes those previously issued.