

PRODUCT NAME :	KANSAI PLC 310 NS
DESCRIPTION :	<i>KANSAI PLC 310 NS is a three-component aliphatic polyester polyurethane coating available in gloss, satin and matt finishes with non-skid surfaces. It contains a special polymeric aggregate that can withstand impact and provide anti-skid properties. It has a durable, hard wearing, non-yellowing, impermeable and easily sanitized surface. It has hard, smooth and non-porous surface that prevents bacterial and fungal growth on the surface. It is also resistant to water jet cleaning and steam cleaning.</i>
RECOMMENDED USE :	<i>KANSAI PLC 310 NS is specially designed for interior and exterior applications where an anti-skid surface is required. With a suitable primer, KANSAI PLC 310 NS is suitable for metal, concrete and timber surface. It is designed for floors in food processing plants, hospitals, pharmaceutical factories, wet market, kitchens and other areas where a non-skid and chemical resistant coating is needed.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Hard wearing - very high abrasion resistant surface.</i> • <i>Gloss - High gloss and excellent gloss retention.</i> • <i>Steam cleaning - suitable for areas require steam cleaning.</i> • <i>Hygienic – No fungal and bacterial growth on surface.</i> • <i>Available in clear and pigmented versions.</i> • <i>Anti-skid - Meet safety requirements for wet areas.</i> • <i>Non-combustible and minimum flame spread under fire.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Gloss, Satin or Matt</i>
COLOUR	<i>Clear and wide range of colors</i>
NO. OF COMPONENTS	<i>Three</i>
MIXING RATIO	<i>3 Part A to 1 Part B by Volume</i> <i>3% of Part A by weight. (Part C)</i>
VOLUME SOLIDS	<i>50 %</i>
RECOMMENDED THICKNESS	<i>50 microns DFT per coat</i> <i>100 microns WFT per coat</i>
TEORETICAL COVERAGE	<i>10 m²/liter @ 50 microns DFT</i>
DRYING TIME	<i>Touch dry : 4 to 6 hours</i> <i>Re-coat : 24 hours</i>
POT LIFE	<i>4 hours at 30°C</i>
PACKING SIZE	<i>5 Liters : Part A – 3.75 liters</i> <i>Part B – 1.25 liters</i> <i>Part C – 0.11 liters</i> <i>20 Liters: Part A – 15 liters</i>

Part B – 5 liters

Part C – 0.45 liters

CHEMICAL RESISTANCE

GUIDE

Exposure	Splash & Spillage	Fumes
Acids	Very Good	Excellent
Alkali	Very Good	Excellent
Solvents	Very Good	Very Good
Salt water	Excellent	Excellent
Water	Excellent	Excellent

SURFACE PREPARATION

The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. The surface preparation method will vary for different types of surfaces.

PRIMERS & UNDERCOATS

KANSAI PLC 310 NS can be applied over epoxy and polyurethane primers and undercoats.

MIXING

Stir Part A thoroughly in the container with power mixer, then pour Part B into Part A in the pre-weighed packing and continue to stir. Mix the mixture to a uniform consistency before adding Part C. Add Part C slowly with continuous mixing. Mix to a homogeneous mixture

THINNING

Thin not more than 10% with KANSAI PLC Thinner #71 for workability.

APPLICATION

KANSAI PLC 310 NS 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

The rate of curing is dependent on temperature and other environmental conditions. Provide good ventilation immediately after application to ensure proper and speed curing.

CLEANING

Clean all application tool with KANSAI PLC Cleaner #72 immediately after use.

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.