

PRODUCT NAME :	KANSAI SURESEAL ES5000
DESCRIPTION :	<i>A natural color three component trowel applied epoxy screed. The quartz filled topping will form a 3 to 12 mm thick seamless floor that provides high mechanical properties suitable for human and vehicular traffic. It is also recommended as a moisture barrier for non-waterproofed concrete floor slabs prior to application of floor coating systems.</i>
RECOMMENDED USE :	<i>Designed for floors subjected to high wear and tear, heavy vehicular traffic or exposure to strong industrial chemicals. Most recommended includes engineering workshops, assembly plants, chemical plants, food and pharmaceutical factories and warehouses. Also recommended as a moisture barrier on concrete slabs that require damp proofing.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • Seamless – meets ISO 22000 requirements for hygienic surfaces. • Moisture barrier – can work as a moisture barrier on concrete slabs. • Hard wearing - suitable for vehicular traffic. • Non-skid - prevents accidents in wet areas. • Easy maintenance - facilitate house-keeping works and lower maintenance costs.
PHYSICAL PROPERTIES	
Volume Solids	100 %
Recommended Thickness	3 mm to 12 mm thick
Theoretical Coverage	6.5 kg/m ² @ 3mm thickness
Practical Coverage	Varies depending on surface condition, environment, application, etc.
Compressive Strength	85 N / mm ²
Flexural Strength	38 N / mm ²
Tensile Strength	50 N / mm ²
Shore-D Hardness	77 - 74
Water Absorption	0.45%
Abrasion Resistance (Taber)	0.038gm / 1000 cycle.
	<i>*These numerical values are subject to normal manufacturing tolerances, colour and testing variances.</i>
RECOMMENDED UNDERCOAT	KANSAI SURESEAL PS 38
RECOMMENDED SEALER	KANSAI SURESEAL 2005 SF, KANSAI PLC 118 ST

Heavy Duty Epoxy Topping

AVERAGE DRYING TIME

Ambient Temperature	Touch Dry	Semi Hard Dry	Gel Time	Overcoating Interval	
				Minimum	Maximum
30°C	24 hours	-	20 minutes	48 hours	7 days

**Use all mixed paint within pot life.*

**Drying time may vary depending on film thickness, ventilation, humidity, undercoat paint condition etc.*

**The over coating intervals are based on over coating with same or same type of paint.*

PACKING

Part A: 2.8KG; Part B: 0.7KG; Part C: 35KG

SHELF LIFE

Part A: 24 months Part B: 12 months Part C: 12 months from date of production

STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Stored conditions shall be in accordance with national regulations.

SURFACE PREPARATION

Concrete surface should be clean and free from oil, grease and other contaminants. New concrete shall be allowed to cure for at least 28 days before application of primer. Surface preparation by captive blasting or scarifies is preferred.

APPLICATION DATA

Mixing

Stir each component with power agitator well before mixing. Then power mix two components.

Mixing Ratio

2.8 Part A to 0.7 Part B to 35 kg Part C by weight

Thinner

Not recommended

Induction Time

N/A

Application Method

Stir Part A thoroughly then empty Part B into Part A container and mix till homogeneous. Add gradually the entire content of Part C, quartz silica into the mixture while stirring. Continue until a homogenous mixture is achieved. The materials can be compacted by manual hand trowel or power trowel.

Clean Up

Clean all the equipment with thinner KANSAI PLC Cleaner #72 immediately after use



Application method







65° spraying tip



Practice proper cleaning

Heavy Duty Epoxy Topping

<p>APPLICATION</p> <p>CONDITIONS</p>	<p>Pour the mixture of Part A, B and C onto the primed surface and spread evenly with steel trowel. The spreading work can be carried out while KANSAI SURESEAL PS38 is still tacky.</p> <p>If it is desired to overcoat outside the times stated on the data sheet, please seek advice from Kansai Coatings Malaysia representative.</p>
<p>HEALTH AND SAFETY</p>	<p>Consult Chemical Safety Data Sheet for information on safe handling and application of this product</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Keep seal tight</p> </div> <div style="text-align: center;">  <p>Secure upright</p> </div> <div style="text-align: center;">  <p>Wear proper protection</p> </div> <div style="text-align: center;">  <p>Practice proper disposal</p> </div> </div>

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.