

PRODUCT NAME :	KANSAI SURESEAL 1208 UWE
DESCRIPTION :	<i>KANSAI SURESEAL 1208 UWE is a high performance solvent free, two-pack epoxy mastic designed to provide corrosion resistance and abrasion protection in extreme service applications. This specially designed epoxy system is capable of application and curing underwater and form a tough protective barrier. It provides outstanding adhesion on wet blasted surfaces.</i>
RECOMMENDED USE :	<i>KANSAI SURESEAL 1208 UWE is designed to provide corrosion protection for metal and concrete structures in offshore marine and petrochemical services, sheet piles, underground and submarine pipes, waste water tanks, jetty piles, underground tanks and other structural steel that requires protection against corrosion in aggressive environment. It is most suitable for rehabilitation of corroded steel and concrete structures in tidal zone and below water line where conventional protective coatings are not applicable. It is an ideal maintenance coating for cold pipes with condensation.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Durable - Tough and impermeable layer with excellent resistance against salt and water.</i> • <i>Zero VOC – Solvent free product</i> • <i>Suitable for cold sweating steel surfaces.</i> • <i>Chemical resistant - Good resistance against wide range of chemicals.</i> • <i>Under-water curing - capable of application and curing under water.</i> • <i>Adhesion - Excellent adhesion to dry and wet surfaces.</i> • <i>Cures at low temperature.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Gloss / Matte (*)</i>
COLOUR	<i>Wide range of colours</i>
VOLUME SOLIDS	<i>100 %</i>
NO. OF COMPONENTS	<i>Two</i>
NO. OF COATS	<i>2 or 3 coats.</i>
RECOMMENDED MIXING RATIO	<i>4 Part A to 1 Part B by weight</i>
RECOMMENDED THICKNESS	<i>150 microns DFT per coat</i>
THEORETICAL COVERAGE	<i>3.83 m²/kg @ 150 microns DFT.</i>
DRYING TIME	<i>Touch dry : 4 hours</i> <i>Topcoat : 12 hours</i> <i>Full cure : 7 days</i>

POT LIFE	45 minutes at 30°C (varies with temperature)
PACKING SIZE	Part A – 4 kg Part B – 1 kg
SHELF LIFE	Part A – 2 years Part B – 1 year (* Surface finish will be matte when coating is underwater or surface covered by water during curing.

CHEMICAL RESISTANCE GUIDE	Exposure	Immersion	Splash & Spillage	Fumes
	Acids	Very Good	Excellent	Excellent
	Alkali	Very Good	Excellent	Excellent
	Solvents	Very Good	Excellent	Excellent
	Salt water	Excellent	Excellent	Excellent
	Water	Excellent	Excellent	Excellent

SURFACE PREPARATION	<p>Remove oil and grease from surface to be painted with suitable degreaser prior to painting for surfaces above water.</p> <p>Steel: For maximum protection, wet abrasive blasting to remove surface contaminants and create surface profile about 50 to 75 microns. Ultra-high pressure hydro jetting is acceptable for maintenance of previously painted surfaces.</p> <p>Dry abrasive blast cleaning to minimum standard Sa 1 & for repair of small area minimum standard St 3.</p> <p>Concrete: Wet blasting or high pressure water jet blasting is recommended to remove surface contaminants before application of coatings.</p>
MIXING	Mix Part A thoroughly then add in Part B and continue to mix till homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.
THINNING	Thinning is not allowed for underwater applications. For applications above water to overcome issue related to workability of spray equipment, not more than 10% by weight of KANSAI PLC Thinner # 72 is allowed.

APPLICATION

KANSAI SURESEAL 1208 UWE can be applied by brush, roller or spray above water and for underwater applications, brush or roller is recommended.

CLEANING

Clean all application tools 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.