



Epoxy Surface And Wet Tolerant Protective Coating

Technical Data Sheet

Issue Date: September 2015

Revision No.: 1

PRODUCT NAME :	Epoxy Surface And Wet Tolerant Protective Coating
DESCRIPTION :	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.
RECOMMENDED USE :	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.
PERFORMANCE :	<ul style="list-style-type: none">• Durable - Tough and impermeable layer with excellent resistance against salt and water.• Zero VOC – Solvent free product• Suitable for cold sweating steel surfaces.• Chemical resistant - Good resistance against wide range of chemicals.• Under -water curing - capable of application and curing under water.• Adhesion - Excellent adhesion to dry and wet surfaces.• Cures at low temperature.
PHYSICAL PROPERTIES	
FINISH	Gloss / Matte (*)
COLOUR	Wide range of colours
VOLUME SOLIDS	100 %
NO. OF COMPONENTS	Two
NO.OF COATS	2 or 3 coats.
RECOMMENDED MIXING RATIO	4 Part A to 1 Part B by weight
RECOMMENDED THICKNESS	150 microns DFT per coat
THEORETICAL COVERAGE	3.83 m ² /kg @ 150 microns DFT.
DRYING TIME	Touch dry : 4 hours Topcoat : 12 hours Full cure : 7 days

This Technical Data Sheet supersedes those previously issued



Sureseal Surface And Wet Tolerant Protective Coating

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Trade Name: KANSAI SURESEAL 1208 UWE

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

Remove oil and grease from surface to be painted with suitable degreaser prior to painting for surfaces above water.

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.

Dry abrasive blast cleaning to minimum standard Sa 1 & for repair of small area minimum standard St 3.

Concrete:

Wet blasting or high pressure water jet blasting is recommended to remove surface contaminants before application of coatings.

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 relevant Thinner is allowed.

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APPLICATION	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 relevant Cleaner immediately after use

For further information on Product Data, please contact

Cactus Industrial Unit 11, Block 6 Trading Estate, Third Road, Blantyre Industrial Estate, Blantyre, G72 0UP.

Tel: + 44(0) 1698 591 635 Website: www.cactusindustrial.com Email: info@cactusindustrial.com

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.

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