

# Pipetank 8800

Copon KSIR88



## DESCRIPTION

Two component solvented rapid cured epoxy pigmented coating

## INTENDED USE

A high performance multi-layer coating & lining designed for contact with Potable Water & many other liquids held in tank storage. Used as a coating over correctly prepared concrete surfaces, for the corrosion protection of valves, gates, screw pumps, hydroelectric installations, cooling water ducts as well as many applications in the mining industry such as lining thickener tanks, rake arms etc.

## PRODUCT FEATURES

- Applied directly onto abrasive blast cleaned steel and built up to thickness of 300 - 400µm and is self priming
- Good flexibility and water resistance
- Good Chemical resistances and resistance to aviation fuels etc.
- WRAS Approved
- In accordance with SANS 1217 Type 1A drinking water requirement
- Immersed temperature resistance up to 80°C
- Meets with the requirements of BS69020 & is approved for contact with Potable Water

## LIMITATIONS

- The product will yellow & chalk on the surface when exposed to sunlight
- Not suitable for storage or transport of drinking water
- Dry film thickness of 450µm must not be exceeded for immersion conditions

## STANDARD COLOUR AVAILABILITY

Water Blue    Red Oxide    Grey    Black



## PRODUCT INFORMATION

- **Number of Components:** 2
- **Mixing Volume Ratio:** 3.5 to 1
- **Density:** 1.3 kg/litre
- **Volume Solids:** 65%
- **Pot Life:** 4 hours @ 20°C
- **Film Thickness:** Wet - 200µm  
Dry - 125 µm
- **Spreading Rate:** 5m<sup>2</sup> /lt @ 125µm DFT
- **Temperature Resistance:** Dry 120°C  
Immersion 80°C
- **V.O.C.:** 300gm / Litre

## PACKAGING

- 4lt and 20lt Kits

## SURFACE PREPARATION

### Steel Surfaces

- Degrease surfaces with **Speccoats Hydrosolve** followed by a high pressure water rinse
- Grind and fettle weld spatter, protrusions & sharp edges to a minimum radius of 2mm
- Abrasive blast clean to grade SA 2 ½ of ISO 8501-1 with a blast profile 50 - 60µm
- Alternatively mechanically abrade the surface using grinding discs to achieve a similar profile
- If any oxidation occurs before painting, the surface must be re-blast cleaned

### Concrete Surfaces

- Dirt, oil & grease must be removed
- All laitance must be removed using **Speccoats Concrete Etch & Neutralizer** or by high pressure water blasting
- Fill all omegas and holes with approved underwater grade epoxy fillers, **Speccoats Scraper Coat or Patching Compound**



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## APPLICATION

### Mixing – Two Components

- Stir the base component well with a flat-bottomed paddle or mechanical mixer until product is uniform. Continue stirring and add the entire contents of the activator container. Continue stirring until the mixture is homogeneous. Stir again immediately prior to use. Machine stirring is recommended

### Application – Equipment & Methods

 Airless Spray	Pump Ratio - 30 to 1 Min Nozzle Orifice - 13 to 15 Thou Tip Pressure - 145 Bar Min
 Conventional Spray	<ul style="list-style-type: none"> <li>Air Assisted Airless</li> <li>Pressure Pot - Pressure Feed Gun</li> <li>Gravity Feed Gun</li> <li>Various Nozzle sets are available to suit the guns</li> </ul>

### Thinning

- Airless Spray – Not Required
- Conventional Spray – Thin up to 10% with **Speccoats SA65 Thinners**

### Cleaner

- Cleaning is done with **Speccoats SA65 Thinners**

## APPLICATION ENVIROMENT

	Surface Temperature	Ambient Temperature	Relative Humidity
Min:	10°C*	7°C	No lower limit
Max:	40°C	45°C	85%
*or 3° above the dew point			

## DRYING TIME

Touch dry	Over-coating interval		Dry to handle	Full Cure
	Minimum	Maximum		
1 hours at 25°C for 125µm at 65% RH	6 hours at 25°C at 65% RH	48 Hours	8 hours at 25°C at 65% RH	Determined by MEK solvent rub resistance test

## STORAGE AND HANDLING

**Storage -** Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks

**Flash Point -** 18°C

**Shelf Life -** Minimum 1 year when packed in original containers

## HEALTH AND SAFETY

- Flammable – keep away from sources of ignition – No smoking!!!
- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

## DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 30/09/2010**