

# Pipetank 8900

## Mastic Epoxy



### DESCRIPTION

Two component solvented high solids rapid cured epoxy mastic coating with low VOC designed to adhere onto manually prepared substrates

### INTENDED USE

A high performance surface tolerant, self priming and high solids coating which can be applied as a single or multi-layer protection over mechanically cleaned steel or suitably prepared concrete surface. The mastic can be applied over most aged well cured coatings and wire brushed rusty surfaces. The mastic cures to a hard, glossy surface which is durable and provides excellent corrosion protection

### PRODUCT FEATURES

- Surface tolerant, self priming high solids epoxy coating
- Based on a curing system the cures down to 4°C and does not require any induction time after mixing.
- Develops a hard coating with very good solvent and corrosion resistance
- Provides good adhesion to tightly adhering rust and previously painted surfaces
- Corrosion protection with a single coat
- Good chemical resistance
- Good resistance to wet environments
- Low VOC

### LIMITATIONS

- Not recommended for immersion service or exposure to strong acids
- Colours may tend to discolour in direct sunlight with "Activator A"
- Drying times are given for 100µm. Higher thicknesses will have extended drying times

### STANDARD COLOUR AVAILABILITY

Various



### PRODUCT INFORMATION

- **Number of Components:** 2
- **Mixing Volume Ratio:** 1 to 1
- **Density:** 1.54 kg/litre
- **Volume Solids:** 80%
- **Pot Life:** 4 hours @ 20°C
- **Film Thickness:** Wet - 185µm  
Dry - 150µm
- **Spreading Rate:** 5m<sup>2</sup> /lt @ 150µm DFT
- **Temperature Resistance:** Dry 125°C
- **Activator A** – used for primer/int coat
- **Activator B** – used for topcoats exposed to weather

### PACKAGING

- 10Lt Kit

### 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

#### Chemical Cleaning

- Use an approved method which provides a rust free, clean surface, dry and free from oil, grease or contaminants

#### Painted Surfaces

- Degrease & lightly abrade using 200 grit emery paper to a matt finish



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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.

#### Application – Equipment & Methods

Brushes	Apply uniform, even coating with Speccoats applicator sponges
Rollers	Apply uniform, even coating with high quality brushes from Speccoats
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

- Thin up to 15% with **Speccoats SA65 Thinners**

#### Cleaner

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

### APPLICATION ENVIROMENT

	Surface Temperature	Ambient Temperature	Relative Humidity
Min:	10°C* (5°C for Activator A)	7°C (5°C for Activator A)	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		
4 hours at 25°C for 100µm at 65% RH	8 hours at 25°C at 65% RH	----	8 hours at 25°C at 65% RH	7 Days at 25°C

### STORAGE AND HANDLING

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

**Flash Point -** 6°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**