

# Pipetank

## Coal Tar Epoxy



### DESCRIPTION

Two component solvented coal tar modified epoxy pigmented finish

### INTENDED USE

A high performance coating which can be applied as a single or multi layer coat protection over mechanically cleaned steel or suitably prepared concrete surfaces. The mastic cures to a hard glossy surface which is durable and provides excellent corrosion protection

### PRODUCT FEATURES

- Self priming, high solids epoxy coating
- Develops a hard coating with very good water and corrosion resistance
- Good chemical resistance
- Good resistance to wet and salt water environments

### LIMITATIONS

- Not resistant to solvents
- Not recommended for exposure to strong acids and alkalis
- Drying time given for 100µm. Higher thicknesses will have extended drying times
- Coal tar epoxies are difficult to recoat. It is recommended over coating intervals be used
- Apply 2-3 coats at 100 - 150µm to result in a total of 300 - 450µm DFT
- Do not apply excessively thick coats as retained solvents detract from the Intercoat adhesion of the layers
- It is recommended the coal tar epoxy be applied under cover, away from direct sunlight and UV light. A 'bloom' (Exudates) might form on the surface between coats. This should be removed using speccoats universal reducer prior to over coating

### STANDARD COLOUR AVAILABILITY

Black



Brown



### PRODUCT INFORMATION

- **Number of Components:** 2
- **Mixing Volume Ratio:** 4 to 1
- **Volume Solids:** 55%
- **Pot Life:** 4 hours @ 20°C
- **Film Thickness:** Wet - 180µm  
Dry - 100µm
- **Spreading Rate:** 6m<sup>2</sup> /lt @ 100µm DFT
- **Temperature Resistance:** Dry 100°C

### PACKAGING

- 5lt 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

#### Chemical Cleaning

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



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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 - 21 to 27 Thou Tip Pressure - 145 Bar Min

#### 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	16 hours at 25°C at 65% RH	24 hours at 25°C at 65% RH	14 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 -** 4°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**