

# Pipetank 162

## Hotcoat



### DESCRIPTION

Two component solventless epoxy coating

### INTENDED USE

A high performance solventless epoxy formulation used as a high quality lining for steel and concrete pipes and vessels. These linings provide long-term corrosion protection to steel and concrete surfaces in immersion conditions

### PRODUCT FEATURES

- Designed for application by plural component hot airless spray equipment
- Can be applied 1000µm thick in one application without sagging
- Highly water resistant properties
- Performs well in factory production conditions
- High gloss, hard cured surface produces low friction conditions for pipe internals
- Can be applied by brush on small areas such as pipe ends
- Excellent air release ensures minimum pinholes
- Excellent long term corrosion resistance under immersion conditions ( typical Specification 300 - 500µm)
- Used as a high quality linings lining for tanks and pipes, applied directly onto suitably prepared steel surfaces in single or multi coat applications
- Excellent adhesion to correctly prepared surfaces
- Excellent erosion resistance when conveying slurries
- Pigmented activator ensures mixing control

### LIMITATIONS

- The product cannot be applied to underwater surfaces while under Cathodic Protection.

### STANDARD COLOUR AVAILABILITY

Water Blue



Grey



### PRODUCT INFORMATION

- **Number of Components:** 2
- **Mixing Volume Ratio:** 2 to 1
- **Density:** 1.65 kg/litre
- **Volume Solids:** 100%
- **Pot Life:** 45 mins @ 20°C
- **Film Thickness:**

Wet	- 500µm
Dry	- 500µm
- **Spreading Rate:** 2m<sup>2</sup> /lt @ 500µm DFT
- **Temperature Resistance:**

Dry Continuous	80°C
Wet Immersion	65°C
Intermittent for Repairs	105°C
- **V.O.C.:** Nil

### PACKAGING

- 200ml Squish Pack
- 60Lt & 600Lt
- 100ml, 300ml & 900ml Cartridges

### 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

#### 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 & activator components 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

Sponge	Apply uniform, even coating with Speccoats applicator sponges
Brushes	Apply uniform, even coating with high quality brushes from Speccoats
Rollers	Apply uniform, even coating with short pile rollers from Speccoats
Plural Component Hot Airless	Nozzle Orifice - 17 to 23 Thou Tip Pressure - 250 Bar Min
Airless Spray	Pump Ratio - 40 to 1 Nozzle Orifice - 17 to 23 Thou Tip Pressure - 250 Bar Min
Cartridge System	HSS Air Gun - up to 900ml HSS Quad 3000 - up to 2250ml

#### Thinning

- Do NOT add thinners to this product

#### Cleaner

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

### APPLICATION ENVIROMENT

	Surface Temperature	Ambient Temperature	Relative Humidity
Min:	10°C*	10°C	No lower limit
Max:	30°C	45°C	85%
* or 3°C above the dew point			

### DRYING TIME

Touch dry	Over-coating interval		Dry to handle	Full Cure
	Minimum	Maximum		
6 hours at 25°C for 250µm	8 hours at 25°C	24 hours	16 hours at 25°C	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 -** N/A

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

### HEALTH AND SAFETY

- V.O.C. - Nil
- 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

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