

Pipetank 151 Rapid



DESCRIPTION

Two component, surface tolerant solventless epoxy coating with fast curing properties

INTENDED USE

A high performance solventless epoxy formulation with fast curing properties that provides long-term corrosion protection to steel & concrete in immersion conditions

PRODUCT FEATURES

- Fast curing – 2hours at 25°C at 70% RH
- Surface tolerant and resists moisture while curing
- Cure at low temperatures
- Excellent adhesion onto well prepared surfaces
- Good chemical resistance
- Ideal pinhole repair material on FBE, solventless and solvented epoxy pipe & tank coatings
- Suitable for repairs to galvanized surfaces
- Designed to provide long term protection in immersed or buried conditions
- Typical specification thickness 250-500µm DFT

LIMITATIONS

- This product must be protected from water while curing
- The product cannot be applied underwater
- The product will discolour and chalk when exposed to sunlight
- Do not apply when the relative humidity exceeds 90% or when the surface to be coated is less than 3°C above the dew point

STANDARD COLOUR AVAILABILITY

Water Blue Grey Black White



PRODUCT INFORMATION

- **Number of Components:** 2
- **Mixing Volume Ratio:** 2 to 1
- **Density:** 1.35 kg/litre
- **Volume Solids:** 100%
- **Pot Life:** 25mins @ 20°C
- **Film Thickness:** Wet - 500µm
Dry - 500µm
- **Spreading Rate:** 2m² /lt @ 500µm DFT
- **Temperature Resistance:** Dry 80°C
- **V.O.C.:** Nil

PACKAGING

- 50ml & 200ml Squish Pack
- 1Lt & 4.5Lt Tins
- 100ml, 300ml & 900ml Cartridges

SURFACE PREPARATION

Painted Surfaces

- Painted surfaces (repair of defects) must be abraded for a minimum radius from the defect of 25mm using 220grit waterproof emery paper
- Any exposed metal should be kept as small as possible
- The surrounding paint should be feathered to create an even slope up to sound material.
- Immediately after abrading, wipe the surface clean

Galvanized Surfaces

- Degrease galvanized surface with **Speccoats Aqueous/Solvent Degreaser** followed by a high pressure water rinse
- All surfaces must be clean and dry
- Abrade the surface thoroughly using grinding discs to achieve a surface profile of 50 - 70µm
- Exposed steel must be abraded to a white metal 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

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
Pistol Component Hot Airless	Nozzle Orifice - 17 to 23 Thou Tip Pressure - 250 Bar Min
Airless Spray	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 ENVIRONMENT

	Surface Temperature	Ambient Temperature	Relative Humidity
Min:	5°C	5°C	No lower limit
Max:	40°C	45°C	90%

DRYING TIME

Touch dry	Over-coating interval		Dry to handle	Full Cure
	Minimum	Maximum		
2 hours at 25°C for 250µm	2 hours at 25°C	24 hours	4 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

- 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
- The material supplied is non-flammable. It will support combustion if raised to a high enough temperature
- 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 29/09/2010**