

Product Description

A two component solvent free epoxy tank coating.

Recommended Uses

Suitable for tank coating, tank lining and potable water.

Product Information

Color	RT3000/RTC306 Light Yellow RT3000/RTC303 White
Part B (Curing Agent)	RTC303, RTC306
Gloss level	Gloss
Volume Solids	100% ± 2%
Typical Thickness	150 – 300 microns dry (150 – 300 microns wet)
Theoretical Coverage	6.66 – 3.33 m ² /litre at 150 – 300 microns D.F.T.
Mix Ratio	Part A(Base) to Part B(Curing Agent)=3:1 (by volume)
Flash Point	>101° C

Surface Preparations

All surfaces to be coated must be clean, dry and free from contamination. High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC–SP1 solvent cleaning.

Newbuilding	Abrasive blast clean to Sa2½ (ISO 8501–1:2007). Surface roughness is 30–75 microns.
Maintenance & Repair	Abrasive blast clean to Sa2½ (ISO 8501–1:2007). Surface roughness is 30–75 microns.
Others	Please consult Hilong representative.

Application

Application Condition	Substrate temperature should not be lower than 10°C and at least 3°C above the dew point. Good ventilation is required in confined areas to ensure proper drying. An insulation cover should be provided to the feed pipe if ambient temperature lower than 25°C.
Mixing ratio	Part A(Base) to Part B(Curing Agent)=3: 1 (by volume)
Pot Life (23°C)	1hr (Reduced at higher temperature)
Airless spray	Recommended Tip Range 0.53–0.64mm(21 – 25 thou) Total output fluid pressure at spray tip not less than 210 kg/cm ² (3000 p.s.i.) Refer to product application guidance for further information.
Air spray	Not applicable
Brush	Application by brush is recommended for small areas only. Multiple coats may be required to achieve specified film thickness
Roller	Application by roller is recommended for small areas only. Multiple coats may be required to achieve specified film thickness

Drying information

Temperature	10°C	20°C	25°C	35°C
Touch Dry	15 hrs	10 hrs	8 hrs	5 hrs
Hard Dry	36 hrs	20 hrs	15 hrs	5 hrs

Overcoating Data

Temperature	10°C		20°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonTC 3000H	36 hrs	5 days	20 hrs	2 days	18 hrs	36 hrs	8 hrs	16 hrs

Unit Size

20 litres unit: 15 litres part A (Base) in a 20 litres container, 5 litres part B (Curing Agent) in a 5 litres container.

Storage

Must be stored in accordance with national regulations. Store in dry, shaded conditions away from sources of heat and ignition.

Health And Safety

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information, and apply and use the coating according to the national state of health and safety as well as environmental protection standards and regulations.

Important note

The information in this data sheet is not intended to be exhaustive, for your reference only. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. Please contact us and request the latest version prior to using the product.