

### Product Description

A two pack, novolac epoxy tank coating.

### Recommended Uses

A tank coating used on tank lining which is suitable for the loading of drinking water.

### Product Information

Color	RT1202 Grey RT1203 White
Part B (Curing Agent)	RTC120
Volume Solids	77% ± 2%
Typical Film Thickness	100–150 microns dry (130–195 microns wet)
Theoretical Coverage	7.70–5.13 m <sup>2</sup> /litre at 100 – 150 microns D.F.T.
Mix Ratio	Part A(Base) to Part B(Curing Agent)= 4: 1 ( by volume )
Flash Point	42°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 Sa½ (ISO 8501–1:2007). Surface roughness is 30–75 microns.
Maintenance & Repair	Abrasive blast clean to Sa½ (ISO 8501–1:2007). Surface roughness is 30–75 microns.
Others	Please consult Hilon representative.

### Application

Application Condition	The temperature of the substrate should be minimum 5°C and at least 3°C above the dew point of the air. Good ventilation is required in confined areas to ensure proper drying. During application and the initial drying of the coating, the coating should not be exposed to direct sunlight or low temperature high humidity as this can result in yellowing.
Mixing	Combine 4 parts of Base with 1 part of Curing Agent and mix thoroughly with a power agitator.
Induction Period	None
Pot Life (23°C )	1 hour (Reduced at higher temperature)
Thinner	THR700
Airless Spray	Recommended Tip Range 0.53–0.68 mm (21–27 thou) Total output fluid pressure at spray tip not less than 170 kg/cm <sup>2</sup> (2420 p.s.i.)
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	5°C	15°C	25°C	35°C
Touch Dry	10 hrs	8 hrs	5 hrs	3 hrs
Hard Dry	28 hrs	20 hrs	8 hrs	5 hrs

### Overcoating Data

Temperature	5°C		15°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonLining 6120	28 hrs	28 days	20 hrs	28 days	8 hrs	28 days	5 hrs	21 days

### Unit Size

20 litres unit: 16 litres part A (Base) in a 20 litres container, 4 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.