

Product Description

A two pack, epoxy tank coating with low cargo absorption and easy cleaning.

Recommended Uses

A tank coating used as tank lining which is suitable for the loading of solvents, chemicals and kinds of petroleum products. It is easy to clean and reduce pollution when replacing the cargoes.

Product Information

Color	RT1702 Grey RT1705 Yellow
Part B (Curing Agent)	RTC170
Volume Solids	80% ± 2%
Typical Film Thickness	150 microns dry (188 microns wet)
Theoretical Coverage	5.33 m ² /litre at 150 microns D.F.T.
Mix Ratio	Part A(Base) to Part B(Curing Agent)= 7.5: 1 (by volume)
Flash Point	48°C
VOC	175 g/lit (EPA method 24)

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 Sa2 ½ (ISO 8501-1:2007). Surface profile of 30-75 microns is recommended.
Maintenance & Repair	Abrasive blast clean to Sa2 ½ (ISO 8501-1:2007). Surface profile of 30-75 microns is recommended.
Others	Please consult Hilon representative.

Application

Application Condition	The temperature of the substrate should be at least 3°C above the dew point of the air. During application and in 48 hours after the application is completed, the ambient temperature should not be below 15°C, relative humidity should be controlled below 65%.
Mixing	Combine 7.5 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	THR200
Airless Spray	Recommended Tip Range 0.38-0.58 mm (15-23 thou) Total output fluid pressure at spray tip not less than 170 kg/cm ² (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	15°C	25°C	35°C
Touch Dry	28 hrs	12 hrs	6 hrs
Hard Dry	48 hrs	24 hrs	12 hrs

Overcoating Data

Temperature	15°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.
HilonLining 6170	48 hrs	7 days	24 hrs	5 days	12 hrs	3 days

Unit Size

20 litres unit: 17.65 litres part A (Base) in a 20 litres container, 2.35 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.