

### Product Description

A two pack, inorganic zinc silicate tank coating giving excellent resistance to a variety of solvents.

### Recommended Uses

A tank coating used on tank lining which is suitable for the loading of oil products and a variety of solvents. Look up 'the list of allowed loading cargos' .

### Product Information

Color	RT1102 Grey
Part B (Curing Agent)	RTC110
Volume Solids	53% ± 2%
Typical Film Thickness	100 microns dry (189 microns wet)
Theoretical Coverage	5.3 m <sup>2</sup> /litre at 100 microns D.F.T.
Mix Ratio	Part A(Base) to Part B(Curing Agent)= 2.8: 1 ( by volume )
Flash Point	21°C
VOC	615g/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 always at least 3°C above the dew point. The application of HilonLining 6110 is not recommended when the temperature of the substrate is lower than 5°C or higher than 40°C. Good ventilation is required when HilonLining 6110 is applied in confined area. The curing speed will be slower if relative humidity is lower than 40%, steam or water spray is needed to increase humidity.HilonLining 6110 coating thickness should be avoided to prevent cracks.
Mixing	Under the power agitation, Add1 part of Curing Agent to 2.8 parts of Base slowly and mix thoroughly with an agitator. The mixing material should be agitated continuously during the application.
Induction Period	None
Pot Life (23°C )	4 hours (Reduced at higher temperature)
Thinner	THR400

Airless Spray	Recommended Tip Range 0.46–0.61 mm (18–24 thou) Total output fluid pressure at spray tip not less than 110 kg/cm <sup>2</sup> (1560 p.s.i.)
Air Spray	Recommended
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	1 hr	1 hr	1 hr	30 mins
Hard Dry	4 hrs	2.5 hrs	2 hrs	2 hrs

### Overcoating Data

Temperature	5°C		15°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonLining 6110	1 day	10 days	1 day	10 days	1 day	10 days	1 day	10 days

### Unit Size

20 litres unit: 14.74 litres part A (Base) in a 20 litres container, 5.26 litres part B (Curing Agent) in a 10 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.