

### Product Description

A single pack, oleoresinous resin based, heat resistant, aluminium coating.

### Recommended Uses

As a heat resistant coating, suitable for use on dry surfaces that can reach heat temperatures of up to 310°C.

### Product Information

Color	TH1208 Aluminium
Volume Solids	50% ± 2%
Typical Film Thickness	15–25 microns dry (30–50 microns wet)
Theoretical Coverage	33.33 – 20.00 m <sup>2</sup> /litre at 15 – 25 microns D.F.T.
Flash Point	45°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/Refurbishment	HilonTherm 8120 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and HilonTherm 8120 must be applied within the overcoating intervals specified (refer to the relevant product datasheet). Areas of breakdown, damage etc., should be prepared to the specified standard (e.g. Sa2½ (ISO 8501–1:2007) and primed prior to the application.
Aged coating	HilonTherm 8120 may be applied directly over aged HilonTherm 8120 following thorough fresh water washing and degreasing provided the coating to be overcoated is in an intact and tightly adherent condition.
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. Good ventilation is required in confined areas to ensure proper drying.
Mixing	One pack product should always be mixed thoroughly with a power agitator before application.
Induction Period	None
Pot Life (23°C )	Not applicable
Thinner	THR600
Airless Spray	Tip Range 0.33–0.48 mm (13–19 thou) Total output fluid pressure at spray tip not less than 155 kg/cm <sup>2</sup> (2200 p.s.i.)
Air Spray	Suitable.
Brush	Suitable
Roller	Suitable

### Drying information

Temperature	5°C	15°C	25°C	35°C
Touch Dry	18 hrs	12 hrs	12 hrs	6 hrs
Hard Dry	72 hrs	36 hrs	24 hrs	24 hrs

### Overcoating Data

Temperature	5°C		15°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonTherm 8120	36 hrs	Ext#	24 hrs	Ext#	24 hrs	Ext#	16 hrs	Ext#

#See the Guide – Definition and Abbreviations

### Unit Size

4.5 litres unit: 4.5 litres 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.