

Product Description

A single pack, silicone 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 550°C.

Product Information

Color	TH1508 Aluminium
Volume Solids	45% ± 2%
Typical Film Thickness	25 microns dry (56 microns wet)
Theoretical Coverage	18.4 m ² /litre at 25 microns D.F.T.
Flash Point	25°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 8150 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and HilonTherm 8150 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 8150 may be applied directly over aged HilonTherm 8150 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	THR200
Airless Spray	Tip Range 0.33-0.43 mm (13-17 thou) Total output fluid pressure at spray tip not less than 110 kg/cm ² (1560 p.s.i.)
Air Spray	Suitable.
Brush	Suitable
Roller	Suitable

Drying information

Temperature	5°C	15°C	25°C	35°C
Touch Dry	1.5 hrs	1 hr	30 mins	15 mins
Hard Dry	5 hrs	3 hrs	2 hrs	1 hr

Overcoating Data

Temperature	5°C		15°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonTherm 8150	24 hrs	Ext#	16 hrs	Ext#	12 hrs	Ext#	6 hrs	Ext#

#See the Guide – Definition and Abbreviations

Unit Size

20 litres or 5 litres unit: 20 litres in a 20 litres container, 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.