

Product Description

A two component, surface tolerant, high solids universal pure epoxy primer for use as an anticorrosive touch up coating. Workable down to -5°C .

Specially designed for application with brush and roller. 1:1 mixing ratio for easy use and reduced wastage.

Recommended Uses

As an On Board Maintenance universal anticorrosive primer.

As a cargo holds coating, it complies with the regulations of the United States Food and Drug Administration for repeat use in food contact applications.

Suitable for use with controlled cathodic protection.

Product Information

Color	SS4001 Red; SS4002 Grey SS4008 Aluminium (the first coat for ballast tank)
Part B(Curing Agent)	SSC400
Volume Solids	75% \pm 3%
Typical Thickness	50 – 100 microns dry (67 – 133 microns wet)
Theoretical Coverage	15.00 – 7.50 m ² /litre at 50 – 100 microns D.F.T.
Mix Ratio	Part A(Base) to Part B(Curing Agent)= 1:1 (by volume)
Flash Point	36 $^{\circ}\text{C}$
VOC	260 g/lit

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.

Bare Steel	Hand or power tool clean to a minimum St2 (ISO 8501–1:2007).
Aged Coatings	HilonGuard SS is suitable for overcoating a limited range of intact, tightly adherent aged coatings. Loose or flaking coatings should be removed back to a firm edge. Glossy finishes may require light abrasion to provide a physical roughness.
Others	Please consult Hilon representative.

Application

Application Condition	Surface temperature must always be a minimum of 3 $^{\circ}\text{C}$ above dew point 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 high humidity.
Mixing	Combine 1 part of Base with 1 part of Curing Agent in an empty container, mix thoroughly with power agitator.
Pot Life (23 $^{\circ}\text{C}$)	2 hours (Reduced at higher temperature)
Thinner	THR100
Airless Spray	Recommended

	Tip Range 0.45–0.58 mm (18–23 thou)
	Total output fluid pressure at spray tip not less than 170 kg/cm ² (2420 p.s.i.)
Air Spray	N/A
Brush	Recommended
Roller	Recommended

Drying information

Temperature	-5°C	10°C	25°C	35°C
Touch Dry	8 hrs	4 hrs	3 hrs	2 hrs
Hard Dry	24 hrs	16 hrs	6 hrs	4 hrs

Overcoating data

Temperature	-5°C		10°C		25°C		40°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonGuard SS (immersion)	30 hrs	28 days	24 hrs	28 days	16 hrs	21 days	6 hrs	14 days
HilonGuard SS (non-immersion)	30 hrs	3 mths	24 hrs	3 mths	16 hrs	28 days	6 hrs	21 mths
HilonTie 5310	8 hrs	3 mths	7 hrs	3 mths	5 hrs	28 days	2 hrs	21 days
HilonDeco Cryl 9200	30 hrs	3 mths	24 hrs	3 mths	16 hrs	28 days	6 hrs	21 days
HilonDeco EP 9300	24 hrs	28 days	20 hrs	28 days	14 hrs	21 days	4 hrs	14 days

Refer to the Guide – Definition and Abbreviations

Unit Size

10 litres unit: 5 litres part A (Base) in a 5 litres container, 5 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

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet and the MSDS. All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental 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.