

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	EP5601 Aluminium Red EP5602 Aluminium Grey
Part B (Curing Agent)	EPC560
Volume Solids	82% \pm 2%
Typical Film Thickness	125–300 microns dry (152–366 microns wet)
Theoretical Coverage	6.56 – 2.73 m /litre at 125 – 300 microns dft
Mix Ratio	Part A (Base) to Part B (Curing Agent)=4: 1 (by volume)
Flash Point	34 $^{\circ}\text{C}$

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.

Bare Steel	Abrasive blast clean to Sa $\frac{1}{2}$ (ISO 8501–1:2007). Power tool cleaning to min. St2 (ISO 8501–1:2007) may be acceptable, subject to exposure conditions.
Shop Primer	Approved shop primers must be clean, dry and free from soluble salts and any other surface contaminants. Unapproved shop primers will require complete removal by blast cleaning to Sa $\frac{1}{2}$ (ISO 8501–1:2007). Consult Hilon representative for specific recommendations.
Ballast Tank M&R	For approved PSPC type coating, please refer to construction guidance. Abrasive blast clean to Sa2 (ISO 8501–1:2007). Power tool cleaning to min. St2 (ISO 8501–1:2007) may be acceptable, subject to exposure conditions.
Others	Please consult Hilon representative.

Application

Application Condition	The temperature of the substrate should be minimum 5°C and at least 3°C above the dew point of the air. 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 as this can result in loss of gloss.
Mixing	Combine 4 parts of Base with 1 part of Curing Agent and mix thoroughly with power agitator.
Induction Period	None
Pot Life (23°C)	1.5 hours (Reduced at higher temperature)

Thinner	THR100
Airless Spray	Recommended Tip Range 0.53–0.66 mm (21–26 thou) Total output fluid pressure at spray tip not less than 190 kg/c m ² (2700 p.s.i.)
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	10°C	25°C	35°C
Touch Dry	15 hrs	10 hrs	4 hrs	2 hrs
Hard Dry	34 hrs	24 hrs	7 hrs	4 hrs
Min. Time Before Ballasting	3 hrs	2 hrs	24 hrs	12 hrs

Overcoating data

Temperature	5°C		10°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonGuard 5560	36 hrs	28 hrs	28 hrs	28 hrs	12 hrs	28 hrs	5 hrs	28 hrs
HilonTie 5310	24 hrs	4 hrs	18 hrs	4 hrs	8 hrs	4 hrs	3 hrs	4 hrs
HilonDeco EP 9300	24 hrs	28 hrs	18 hrs	28 hrs	8 hrs	28 hrs	3 hrs	28 hrs
HilonDeco PU 9400	36 hrs	5 hrs	28 hrs	5 hrs	12 hrs	3 hrs	5 hrs	2 hrs

Unit Size

20 litres unit: 16 litres part A (Base) in a 20 litres container, 4 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.