



HilonGuard 2500

Multipurpose Epoxy Anticorrosive

Product Description

A two-component multi-purpose epoxy anticorrosive with high surface tolerance and good compatibility, which can be applied at low temperature.

Recommended Uses

As a general purpose primer for all non-permanently immersed areas

Product Information

Color	EP5001C Red EP5002C Grey
Part B (Curing Agent)	EPC500C
Volume Solids	55% ± 3%
Typical Film Thickness	50–150 microns dry (67–133 microns wet)
Theoretical Coverage	11.00–3.67m ² /litre at 50 – 150 microns D.F.T.
Mix ratio	Part A (Base) : Part B (Curing Agent) =4: 1 (By Volume)
Flash Point	28°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.

New Building/Repair	Abrasive blast clean to Sa2½(ISO 8501–1:2007).Power tool cleaning to min. St2(ISO 8501–1:2007) may be acceptable, subject to exposure conditions.
OBM	Prepare area to be repaired to a minimum of St2 (ISO 8501–1:1998). Overlap the primer onto existing coatings by approximately 2–3cm.
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	Combine 4 parts of Base with 1 part of Curing Agent and mix thoroughly with a power agitator.
Induction Period	None
Pot Life (23°C)	2 hours
Thinner	THR100
Airless Spray	Recommended. Tip Range 0.46–0.58 mm (18–23 thou) Total output fluid pressure at spray tip not less than 170 kg/cm ² (2420 p.s.i.)
Air Spray	Not applicable

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	4 hrs	3 hrs	90 mins	60 mins
Hard Dry	28 hrs	16 hrs	6 hrs	3 hrs

Overcoating data

Temperature	-5°C		10°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonGuard 2500	24 hrs	2 mths	18 hrs	2 mths	9 hrs	1 mths	6 hrs	14 days
HilonTie 5310	24 hrs	2 mths	18 hrs	2 mths	9 hrs	1 mths	6 hrs	14 days
HilonDeco Cryl 9200	24 hrs	7 days	10hrs	7 days	7 hrs	7 days	4 hrs	5 days
HilonDeco EP 9300	24 hrs	28 days	18 hrs	21 days	9 hrs	14 days	6 hrs	14 days
HilonDeco PU 9400	24 hrs	5 days	18 hrs	5 days	9 hrs	5 days	6 hrs	3 days

Unit Size

18 litres unit: 14.4 litres part A (Base) in a 20 litres container, 3.6 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.