

Product Description

A two-pack, multifunctional tie coat.

Recommended Uses

As a tie coat between anti-corrosives and either anti-foulings or cosmetic finishes to ensure maximum system adhesion and to extend maximum overcoating interval.

Product Information

Color	ET3102 Grey
Part B (Curing Agent)	ETC310
Volume Solids	55% ± 2%
Typical Thickness	50 – 100microns dry (91 – 182 microns wet)
Theoretical Coverage	11.00 – 5.50 m ² /litre at 50 – 100 microns D.F.T.
Mix Ratio	Part A: Part B=4: 1 (Volume)
Flash Point	29°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.

Bunder layer	A HilonCare 5310 should be applied over a recommended primer coating system, which is determined by the application position. The primer surface should be dry and free of all contamination (oil, grease, salt etc.).
Others	Please consult Hilong 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.
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)	6 hours (Reduced at higher temperature)
Thinner	THR100
Airless Spray	Recommended Tip Range 0.46–0.66 mm (18–26 thou) Total output fluid pressure at spray tip not less than 170 kg/cm ² (2420 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

Temp.	-5°C	5°C	25°C	35°C
Touch Dry	24 hrs	12 hrs	6 hrs	4 hrs
Hard Dry	72 hrs	24 hrs	15 hrs	12 hrs

Overcoating Data

Temp.	-5°C		5°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonCare 7100	72 hrs	14 days	24 hrs	14 days	9 hrs	7 days	6 hrs	7 days
HilonTie 5310	72 hrs	2 mths	24 hrs	2 mths	9 hrs	1 mth	6 hrs	14 days
HilonDeco EP 9300	72 hrs	28 days	24 hrs	28 days	9 hrs	14 days	6 hrs	14 days
HilonDeco PU 9400	72 hrs	5 days	24 hrs	5 days	9 hrs	5 days	6 hrs	3 days

Note: Please refer to HilonCare 7100 for the overcoating data of HilonCare 7200, HilonCare 7250, HilonCare 7300, HilonCare 7350 and HilonCare 7380.

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.