

Product Description

A two pack, high build epoxy finish.

Recommended Uses

As a decorative finish, suitable for use on areas with chemical and wear resistance requirements above the waterline.

Product Information

Color	Varieties of colours available (Hilon colour system)
Gloss level	Gloss
Part B (Curing Agent)	EMC310
Volume Solids	60% ± 3%
Typical Film Thickness	50–150 microns dry (83–250 microns wet)
Theoretical Coverage	12.50 – 4.00 m ² /litre at 50 – 150 microns D.F.T.
Mix Ratio	Part A: Part B=4:1 by volume
Flash Point	31°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	The primer surface should be dry and free from all contamination, and HilonDeco EP 9310 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. Sa2.5 (ISO 8501–1:2007) and primed prior to the application.
Aged coating	HilonDeco EP 9310 may be applied directly over aged HilonDeco EP 9310 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	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)	4 hours (Reduced at higher temperature)
Thinner	THR100
Airless Spray	Tip Range 0.45–0.58 mm (18–23 thou)

Air Spray	Total output fluid pressure at spray tip not less than 170kg/cm (2420 p.s.i.) Recommended.
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	7 hrs	4 hrs	2 hrs	1 hrs
Hard Dry	30 hrs	18 hrs	10 hrs	5 hrs

Overcoating Data

Temperature	5°C		10°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonDeco EP 9310	30 hrs	14 days	18 hrs	8 days	10 hrs	7 days	5 hrs	4 days

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.