

Product Description

A two pack, aliphatic isocyanate cured acrylic polyurethane finish with excellent weather resistance.

Recommended Uses

As a long term decorative finish, suitable for use on areas above the waterline.

Product Information

Color	Varieties of colours available(Hilong colour system)
Gloss level	High Gloss
Part B (Curing Agent)	PUC400
Volume Solids	59% ± 3%
Typical Film Thickness	50–70 microns dry (86–120 microns wet)
Theoretical Coverage	11.80 – 8.43 m ² /litre at 50 – 70 microns D.F.T.
Mix Ratio	Part A: Part B=7:1 by volume
Flash Point	35°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	HilonDeco PU 9400 should be always applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and HilonDeco PU 9400 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 and primed prior to the application.
Aged coating	HilonDeco PU 9400 may be applied directly over aged HilonDeco PU 9400 following thorough fresh water washing and degreasing provided the coating to be overcoated is in an intact and tightly adherent condition.
Others	Please consult Hilong 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. During application and the initial drying of the coating, the coating should not be exposed to high humidity this can result in loss of gloss.
Mixing	Combine 7 parts of Base with 1 part of Curing Agent and mix thoroughly with a power agitator.
Induction Period	None
Pot Life (23°C)	2.5 hours (Reduced at higher temperature)

Thinner	THR500
Airless Spray	Recommended. Tip Range 0.33–0.45 mm (13–18 thou) Total output fluid pressure at spray tip not less than 155kg/cm ² (2200 p.s.i.)
Air Spray	Recommended.
Brush	Suitable for typical thickness 40–50 microns.
Roller	Suitable for typical thickness 40–50 microns.

Drying information

Temperature	5°C	15°C	25°C	35°C
Touch Dry	4 hrs	2 hrs	80 mins	40 mins
Hard Dry	22 hrs	9 hrs	5 hrs	3 hrs

Overcoating Data

Temperature	5°C		15°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonDeco PU 9400	22 hrs	Ext#	9 hrs	Ext#	5 hrs	Ext#	3 hrs	Ext#

#See the Guide – Definition and Abbreviations

Unit Size

20 litres unit: 17.5 litres part A (Base) in a 20 litres container, 2.5 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

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.