

Product Description

A one pack alkyd primer containing zinc phosphate anticorrosive pigment.

Recommended Uses

As a general purpose conventional primer for application to internal steelwork.

Product Information

Color	AP1501 Red AP1502 Grey
Part B (Curing Agent)	None
Volume Solids	58% ± 2%
Typical Film Thickness	60–100 microns dry (103–172 microns wet)
Theoretical Coverage	9.66 – 5.80 m ² /litre at 60 – 100 microns D.F.T.
Mix ratio	Not applicable
Flash Point	36°C
VOC	340 g/lit (EPA method 24)

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	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 at least 3°C above the dew point of the air. Good ventilation is required in confined areas to ensure proper drying.
Mixing	This material is a one pack coating and should always be mixed thoroughly with a power agitator before application.
Induction Period	None
Pot Life (23°C)	Not applicable
Thinner	THR600
Airless Spray	Recommended Tip Range 0.46–0.53 mm (18–21 thou) Total output fluid pressure at spray tip not less than 170 kg/cm ² (2420 p.s.i.)
Air Spray	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	3 hrs	50 mins	40 mins	30 mins
Hard Dry	5 days	72 hrs	48 hrs	24 hrs

Overcoating Data

Temperature	-5°C		10°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonDeco Alkyd 9100	48 hrs	Ext#	48 hrs	Ext#	24 hrs	Ext#	12 hrs	Ext#
HilonTherm 8120	48 hrs	Ext#	48 hrs	Ext#	24 hrs	Ext#	12 hrs	Ext#

#Refer to abbreviation on datasheet.

Unit Size

20 litres unit or 5 litres unit: 20 litres in a 20 litres container, 5 litres 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.