

Product Description

A surface tolerant, quick drying, one pack Alkyd primer. One special design for New building included, good compatibility with a wide range of finishes, long period for overcoating.

Recommended Uses

For the maintenance of above water areas. Approved for the carriage of grain when used as part of a cargo hold scheme.

Product Information

Color	AP1001NB Red AP1002NB Grey
Volume Solids	52% ± 2%(NB)
Typical Film Thickness	50–100 microns dry (96–192microns wet)(NB)
Theoretical Coverage	6.93 m ² /litre at 75 microns D.F.T.(NB)
Flash Point	36°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 Sa2 (ISO 8 501–1:2007). 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	This material is a one pack coating and should always be mixed thoroughly with a power agitator before application.
Pot Life (23°C)	Not applicable
Thinner	THR600
Airless Spray	Recommended Tip Range 0.53–0.66mm (21–26thou) Total output fluid pressure at spray tip not less than 170 kg/cm ² (2420p.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	8 hrs	2 hrs	60 mins	30 mins
Hard Dry	48 hrs	24 hrs	8 hrs	4 hrs

Overcoating Data(Newbuilding)

Temperature	-5°C		10°C		25°C		35°C	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
HilonGuard 2100	8 hrs	Ext#	2 hrs	Ext#	1 hr	Ext#	30 mins	Ext#
HilonDeco Alkyd 9100	24 hrs	Ext#	3 hrs	Ext#	2 hrs	Ext#	1 hr	Ext#
HilonDeco Cryl 9200	24 hrs	Ext#	24 hrs	Ext#	12 hrs	Ext#	6 hrs	Ext#
HilonDeco PU 9400	-	-	24 hrs	Ext#	12 hrs	Ext#	6 hrs	Ext#
HilonTherm 8120	24 hrs	Ext#	3 hrs	Ext#	2 hrs	Ext#	2 hrs	Ext#

#Refer to the Guide – Definition and Abbreviations

Unit Size

20 litres 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.