

Product Description

A one-component, tar-free, vinyl anticorrosive.

Recommended Uses

HilonGuard 2000 is intended as an anticorrosive primer for use above and below the waterline at Newbuilding, Maintenance & Repair or On Board Maintenance.

Product Information

| | |
|------------------------|---|
| Color | VA0001 Red; VA0002 Grey; VA0009 Black; VA0008 Aluminium as the 1st coat in the underwater scheme |
| Volume Solids | 40% ± 2% |
| Typical Film Thickness | 50 – 125 microns dry (125 – 313 microns wet) |
| Theoretical Coverage | 8.00 – 3.20 m ² /litre at 50 – 125 microns D.F.T. |
| Flash Point | 27°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.

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|---------------------|---|
| NEW BUILDING/REPAIR | 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. |
| 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

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|-----------------------|---|
| 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) | N/A |
| Thinner | THR200 |
| Airless Spray | Recommended Tip Range 0.53-0.66mm (21-26 thou) Total output fluid pressure at spray tip not less than 170 kg/cm ² (2420p.s.i.) |
| Air Spray | N/A |
| 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 | 5 hrs | 3 hrs | 2 hrs | 1 hr |
| Hard Dry | 24 hrs | 10 hrs | 7 hrs | 4 hrs |

Overcoating data

| Temperature | -5°C | | 10°C | | 25°C | | 35°C | |
|----------------------|--------|---------|--------|---------|-------|---------|-------|---------|
| | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. |
| HilonGuard 2000 | 24 hrs | Ext# | 10 hrs | Ext# | 7 hrs | Ext# | 4 hrs | Ext# |
| HilonDeco Alkyd 9100 | 24 hrs | 14 days | 10 hrs | 14 days | 7 hrs | 14 days | 4 hrs | 14 days |
| HilonDeco Cryl 9200 | 24 hrs | 14 days | 10 hrs | 14 days | 7 hrs | 14 days | 4 hrs | 14 days |
| HilonCare 7100 | 24 hrs | 7 days | 10 hrs | 7days | 7 hrs | 7 days | 4 hrs | 7 days |
| HilonCare 7250 | 24 hrs | 7 days | 10 hrs | 7 days | 7 hrs | 7 days | 4 hrs | 7 days |

#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.