

Product Description

A two pack, water borne epoxy paint which has good color retention and stain resistance.

Recommended Uses

A ultra-low VOC, water borne paint used at above water areas such as engine room and cabin etc.

Product Information

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|------------------------|---|
| Color | EW7003 White |
| Part B (Curing Agent) | EWC700 |
| Finish/Sheen | Eggshell |
| Volume Solids | 50% ± 2% |
| Typical Film Thickness | 50–70 microns dry (100–140microns wet) |
| Theoretical Coverage | 10.00 – 5.00m ² /litre at 50 – 100 microns D.F.T. |
| Mix ratio | Part A (Base) : Part B (Curing Agent) =4.3: 1 (By Volume) |
| Flash Point | Not applicable |
| VOC | 25 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.

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|---------------------|--|
| New Building/repair | Should be applied on recommended primers, which is dry and free from contamination, within recommended overcoating intervals. (refer to relevant product datasheet) . Welds and damaged areas should be blast cleaned to Sa2 ½ (ISO 8501–1:2007) and should be recoated by primer before application of this product. |
| Old layer | Apply HilonGuard 2700 directly to the old layer when it is complete and of good adhesion. |
| 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 | Combine 4.3 parts of Base with 1 part of Curing Agent and mix thoroughly with a power agitator. None |
| Induction Period | 2 hours (Reduced at higher temperature) |
| Pot Life (23°C) | Tap water |
| Thinner | Recommended. Thinner should be less than 5% by volume. |
| Airless Spray | Tip Range 0.33–0.48mm (13–19 thou) Total output fluid pressure at spray tip not less than 140 kg/cm ² (2000 p.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 | 15°C | 25°C | 35°C |
|-------------|--------|--------|--------|-------|
| Touch Dry | 6 hrs | 5 hrs | 3 hrs | 2 hrs |
| Hard Dry | 22 hrs | 16 hrs | 10 hrs | 8 hrs |

Drying time data are based on lab environment and 60% relative humidity.
The practical drying time will depend on the real condition.

Overcoating data

| Temperature | 5°C | | 15°C | | 25°C | | 35°C | |
|---------------------|--------|------|--------|------|--------|------|-------|------|
| | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. |
| HilonGuard 2700 | 22 hrs | Ext# | 16 hrs | Ext# | 10 hrs | Ext# | 8 hrs | Ext# |
| HilonDeco Cryl 9200 | 22 hrs | Ext# | 16 hrs | Ext# | 10 hrs | Ext# | 8 hrs | Ext# |

#Refer to the Guide – Definition and Abbreviations

Unit Size

20 litres unit: 16.23 litres part A (Base) in a 20 litres container, 3.77 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.