

Product Description

A two component, fast drying epoxy zinc primer

- Fast cure and long time overcoating
- Good corrosion resistance performance and mechanical properties
- Combined with suitable topcoatings to form an economical and high performance protection system.

Recommended Uses

As an anti-corrosive coating using above water area both for Newbuilding and M&R” .

Product Information

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| Color | EZ2002 Grey |
| Part B (Curing Agent) | EZC200 |
| Gloss Level | Matt |
| Volume Solids | 57% ± 2% |
| Typical Thickness | 50–75 microns dry equivalent to 88–132 microns wet |
| Theoretical Coverage | 11.4 m ² /litre at 50 microns D.F.T. |
| Mix Ratio | Part A (Base) : Part B (Curing Agent) = 4 : 1 (by volume) |
| Flash Point | 32°C |
| VOC | 406g/lit (EPA method 24) |

Surface Preparations

All surfaces to be coated should be clean , dry and free from contamination. High pressure fresh water 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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| Bare Steel | Abrasive blast clean to Sa2½ (ISO 8501–1:2007) .Power tool cleaning to min. St2 (ISO 8501–1:2007) may be acceptable, subject to expose conditions. |
| Shop Primer | Approved shop primers must be clean, dry and free from soluble salts and any other surface contaminants. Unapproved shop primers will require complete removal by blast cleaning to Sa2½ (ISO8501–1:2007) . Consult your Hilon representative for specific recommendations. |
| Others | Please consult Hilon representative. |

Application

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| Application Condition | Surface temperature must always be a minimum of 3°C above dew point. 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. Avoid excessive film thickness or overapplication, recommended D.F.T. should be less than 150 microns. |
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| Mixing | Well agitate Part A (Base) alone first. Then combine 4 volume of Part A with 1 volume of Part B and mix thoroughly with power agitator. |
| Pot Life (23°C) | 10 hours (Reduced at higher temperature) |
| Thinner | THR100 |
| Airless Spray | Recommended, Tip Range 0.43–0.53 mm (17–21 thou) Total output fluid pressure at spray tip not less than 170 kg/cm ² (2420 p.s.i.) |
| Air Spray | Recommended |
| Brush | Suitable – small areas only, typically 50 microns can be achieved |
| Tools Cleaner | THR100 |

Drying information

| Temperature | 5°C | 15°C | 25°C | 35°C |
|------------------------------|---------|-------|------------|---------|
| Touch Dry | 1.5 hrs | 1 hr | 45 minutes | 0.5 hr |
| Hard Dry | 4 hrs | 3 hrs | 2 hrs | 1.5 hrs |
| Min. Time Before Overcoating | 4 hrs | 3 hrs | 2 hrs | 1.5 hrs |
| Max. Time Before Overcoating | Ext# | Ext# | Ext# | Ext# |

#See the Definition and Abbreviation

SYSTEMS COMPATIBILITY

Recommended topcoats/intermediates are : HilonGuard 2400, HilonGuard 2510, HilonGuard 2580, HilonDeco EP 9300, HilonDeco PU 9400, HilonDeco PU 9410. For other suitable topcoats/intermediates, please consult Hilong representative.

Unit Size

12 litres unit: 9.6 litres part A (Base) in a 12 litres container, 2.4 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

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet and the MSDS. All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental 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.