

Product Description

A two pack, hard bauxite pigmented, abrasion resistant pure epoxy coating giving superb mechanical characters, impact resistance as well as abrasion resistance.

Recommended Uses

An ultra high performance, two pack, abrasion resistant pure epoxy coating, when used on cargo holds it can provide excellent protection for shock abrasion caused by high-speed handling mechanism. It can control corrosion caused by mechanical wear and other forms of wear.

As a cargo holds coating, it complies with the regulations of the United States Food and Drug Administration for repeat use in food contact applications and certified for the carriage of grain by NOHH.

Product Information

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|------------------------|---|
| Color | EH1301 Red EH1302 Grey |
| Part B (Curing Agent) | EHC130 |
| Volume Solids | 75% ± 2% |
| Typical Film Thickness | 100 – 150 microns dry (133 – 200 microns wet) |
| Theoretical Coverage | 7.50 – 5.00 m ² /litre at 100 – 150 microns D.F.T. |
| Mix Ratio | Part A(Base) to Part B(Curing Agent)= 4.5: 1 (by volume) |
| Flash Point | 34°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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| Newbuilding/ Maintenance & Repair | Abrasive blast clean to Sa2(ISO 8501-1:2007). |
| Aged Coating | HilonHolds 5130 may be applied directly over aged HilonHolds 5130 coating following thorough fresh water washing and degreasing provided the coating to be overcoated is in an intact and tightly adherent condition. |
| Other | Please consult Hilon representative. |

Application

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| ApplicationCondition | The temperature of the substrate should be minimum -10°C and at least 3°C above the dew point of the air. 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 as this can result in loss of gloss. |
| Mixing | Combine 4.5 parts of Base with 1 part of Curing Agent and mix thoroughly with a power agitator. None |
| Induction Period | 1 hr (Reduced at higher temperature) |
| Pot Life (23°C) | THR100 |
| Thinner | |

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|---------------|---|
| Airless Spray | Recommended Tip Range 0.53–0.66 mm (21–26 thou) Total output fluid pressure at spray tip not less than 170 kg/cm ² (2420 p.s.i.) |
| 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

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|-------------|--------|---------|-------|-------|
| Temperature | -5°C | 10°C | 25°C | 35°C |
| Touch Dry | 8 hrs | 4.5 hrs | 3 hrs | 2 hrs |
| Hard Dry | 26 hrs | 12 hrs | 6 hrs | 4 hrs |

Overcoating Data

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|-----------------|--------|--------|--------|--------|-------|--------|-------|--------|
| Temperature | -5°C | | 10°C | | 25°C | | 35°C | |
| | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. |
| HilonHolds 5130 | 28 hrs | 7 days | 16 hrs | 7 days | 6 hrs | 7 days | 4 hrs | 5 days |

Unit Size

20 litres unit: 16.36 litres part A (Base) in a 20 litres container, 3.64 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.