



RAINBOW

ANTI-CORROSION COATING UNDER INSULATION

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| PRODUCT NUMBER | 1568 |
| TYPE | High temperature coating based on modified silicone resin with heat-resisting and rust resistant pigment. |
| USES | Used for high temperature and thermocycling environments. |
| CHARACTERISTICS | <ol style="list-style-type: none">1. Excellent heat and cold resistance, can withstand temperature to 300°C (572°F), cold-resistant to -320°F (-196°C).2. Excellent corrosion protection for thermal shocking structures.3. Excellent resistance to chemicals and rust.4. Can be sprayed on the carbon steel, galvanized steel and stainless steel.5. Good moisture resistance under the thermocycling environment, and paint film with water repellency. |
| COLOR | RAL9007 Grey, Silver Red |
| MASS DENSITY | Above 1.3 Kg/L |
| VISCOSITY | Above 75 KU (25°C) |
| DRYING TIME | Set-to-touch 2 hrs. Dry hard 8 hrs. Fully cured 7 days (25°C) |
| OVERCOATING INTERVALS | Min. 4 hrs. Max. 48 hrs. |
| OPTIMUM FILM THICKNESS | Wet 235 microns Dry 125 microns |
| TIMES OF COATING | 2 Coats |
| THEORETICAL COVERAGE | 16.1 m ² /Gal 4.2 m ² /L 3.2 m ² /Kg (Dry : 125 microns) |
| SUBSEQUENT COATS | NO.1569 600°C Heat-Resisting Topcoat |
| MIXING RATIO | Base : Hardener = 4.8:0.4 (by wt.) |
| VOLUME SOLIDS | 53 ± 3% |
| POT LIFE | 2 hrs. (25°C) |
| THINNER | SP-12 Epoxy Thinner |
| THINNER RATE | 5~10% |
| STORAGE SHELF LIFE | Minimum 18 months under normal storage conditions. |
| APPLICATION METHOD | Air spray, Airless spray |
| NOTE | <ol style="list-style-type: none">1. Moisture, grease, sludge, dust, old paint and rust must be thoroughly removed from substrate, preferably sand blasting to SIS Sa 2 1/2 or rusting by hand to SIS St 3.2. The galvanized steel or stainless substrate before applying must be done sand-sweeping surface treatment.3. Add thinner to base and stir thoroughly, then add hardener.4. Wet film should be below 300 microns for one coat spray to avoid sagging.5. This paint must be coated a topcoat to protect paint film, when applied in external parts.6. The paint film must be kept statically at least 7 days in room temperature until fully cured after applying, when fully cured, the paint film faced sharp thermocycling environment at room temperature to 300°C, there is no cracking.7. Avoid applying the paint in rainy day or the relative humidity exceed 85%, particularly a wet surface must be thoroughly dried. |

EPDM151568XX V1.6

YUNG CHI PAINT & VARNISH MFG. CO., LTD.

No.26, Yen Hai 3rd Road, Kaohsiung, Taiwan.
<http://www.rainbowpaint.com.tw>

TEL:886-7-8713181
FAX:886-7-8715443