



RAINBOW

HEAT-RESISTING PAINT, 600°C

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| NO. | No.1508 |
| TYPE | Heat-resisting paint based on pure silicone resin with heat-resisting pigments. |
| USES | Heat-resisting paint for generators, boilers, chimneys and other high temperature facilities in chemical and steel works. |
| CHARACTERISTICS | <ol style="list-style-type: none">1. Good high heat resistance withstands it up to 600°C.2. Excellent resistance to water and oil.3. Good adhesion.4. Easy application. |
| COLOR | Silver |
| HIDING POWER | 12.5 m ² /L |
| WEIGHT | Above 1.0 Kg./L |
| VISCOSITY (25°C) | 50 - 70 KU |
| DRYING TIME (25°C) | Set-to-touch 1 hr. Dry hard 1 hr. (200°C) |
| OPTIMUM FILM THICKNESS | Wet 50 microns Dry 15 microns |
| THEORETICAL COVERAGE | 75.7 m ² /Gal 20.0 m ² /L 20.0 m ² /Kg |
| OVERCOATING INTERVALS (25°C) | Min. 24 hrs. |
| NON-VOLATILE CONTENT | Above 30% |
| THINNER | No.1521 Heat-resisting thinner or xylene |
| THINNING RATE | 5~15 % (tools cleaning not included) |
| PRECEDING COATS | No.1500 Heat-Resisting Primer, 600°C. |
| STORAGE SHELF LIFE | Minimum 1 year under normal storage conditions. |
| APPLICATION METHOD | Airless Spray, Brush |
| NOTES | <ol style="list-style-type: none">1. Moisture, greases, sludge, old paint and rust must be thoroughly removed from substrate, preferably sand blast to the standard above SIS Sa 2.2. Principally, paint application should be conducted at ambient temperature, blistering and scaling are apt to occur when substrate temperature exceeds 60°C.3. Primer and topcoat should be limited to two even coats each, but the total dry film thickness must be kept below 80 microns; otherwise, cracking and scaling would occur.4. After completion of painting, slowly heat up to half of service temperature and keep it for one hour, and then raise to service temperature. Directly heating up to maximum service temperature would surely induce blistering or scaling. |

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