RAINBOW

HEAT-RESISTING PRIMER, 600℃

PRODUCT NO.	No.1500
TYPE	Heat-resisting primer 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	1. Good high heat resistance withstands it up to 600℃. 2. Excellent resistance to water and oil. 3. Good adhesion and anti-corrosion. 4. Easy application.
COLOR	Grey
HIDING POWER	10 ㎡/L
WEIGHT	Above 1.3 Kg./L
VISCOSITY (25℃)	55 - 75 KU
DRYING TIME (25℃)	Set-to-touch 30 mins. Dry hard 1 hr. (200℃)
OPTIMUM FILM THICKNESS	Wet 50 microns Dry 20 microns
THEORETICAL COVERAGE	75.7 ㎡/Gal 20.0 ㎡/L 15.4 ㎡/Kg
OVERCOATING INTERVALS (25℃)	Min. 6 hrs.
NON-VOLATILE CONTENT	Above 40%
THINNER	No.1521 Heat-resisting thinner or xylene
THINNING RATE	5～15 %（tools cleaning not included）
SUBSEQUENT COATS	No.1508 Heat-Resisting Paint, 600℃.
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush
NOTES	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℃. 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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