RAINBOW

HEAT-RESISTING ALUMINUM PAINT, 300℃

PRODUCT NO.	No.1504/1505
TYPE	Heat-resisting paint based on silicone resins with Aluminum pigment.
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 up to 300℃. 2. Excellent resistance to water and oil. 3. Good adhesion and anti-corrosion. 4. Easy application.
APPLICATION METHOD	Airless Spray, Brush, Roller.
COLOR	Silver(1504) : Black(1505)
SPECIFIC GRAVITY	Min. 1.0 Kg/L
HIDING POWER	12.5 ㎡/L
VISCOSITY(25℃)	55 - 70 KU
DRYING TIME (25℃)	Set-to-touch 60 mins， Dry hard 1 hr. (150℃)
OVERCOATING INTERVALS (25℃)	Min. 8 hrs.
OPTIMUM FILM THICKNESS	Wet 50 microns Dry 15 microns
THEORETICAL COVERAGE	75.0 ㎡/Gal 20.0 ㎡/L 20.0 ㎡/Kg
THINNER	Heat-resisting thinner or xylene
THINNING RATE	5～15 %
PIGMENT CONTENT	Min. 30 %
PRECEDING COATS	No.1501 Heat-Resisting Primer, 500℃. No.1507 Heat-Resisting Primer, 300℃. IZ-01 Inorganic Zinc Rich Primer.
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
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, painting should be conducted at ambient temperature, blistering and sapling are apt to occur when substrate temperature exceeds 60℃. 3. Primer and finish should be limited to two even coats each, but the total dry film thickness must be kept below 80 microns, lest cracking and sapling would occur. 4. After completion of painting, slowly heat up to half of service temperature and keep for one hour, and then raise to service temperature. Direct heating up to maximum service temperature would surely induce blistering or sapling.

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