



RAINBOW

INORGANIC HEAT-RESISTANT COATING, 600°C

PRODUCT NUMBER	1515
TYPE	1515 is a two-component anti-corrosive coating, based on silicone resin and heat resistant pigment. It can be used as primer and topcoat.
USES	Used for generators, boilers, chimneys, and steel high-temperature equipments of chemical factories, steel factories.
CHARACTERISTICS	<ol style="list-style-type: none">1. Good heat resistance, can withstand up to 1000°C.2. Excellent resistance to water, oils and weather.3. Good adhesion and excellent rust prevention.4. Easy application.
COLOR	Grayish brown
FINISH	Flat
HIDING POWER	Above 12.5 m ² /L
DENSITY	Above 1.65 Kg./L
VISCOSITY	65 ~ 85 KU (25°C)
DRYING TIME	Set-to-touch 10 minutes Dry hard 10 hrs. (25°C)
OPTIMUM FILM THICKNESS	Wet 125 microns Dry 60 microns
OVERCOATING INTERVALS	Min. 8 hrs. (25°C)
THEORETICAL COVERAGE	30.2 m ² /Gal 8.0 m ² /L 4.6 m ² /Kg @60 microns
NON-VOLATILE CONTENT	Above 70%
THINNER	No.1521 Heat-Resisting Paint Thinner or SP-13
THINNING RATE	5 ~ 7% (tools cleaning excluded)
PRECEDING COATS	No.1011 Inorganic Zinc Rich Primer (IZ-01) or No.1515 as the primer.
NUMBER OF APPLYING COATING	1 ~ 2
MIXING RATIO	Liquid : powder = 39 : 61 (by wt.)
VERTICAL FLOW	300 microns
HEAT RESISTANCE	Continuous 600°C Intermittence 1000°C
	Carbon steel plate (sand blasting) : Applying on IZ-01, 500°C, 6 hrs. : No abnormal.
	Carbon steel plate (sand blasting) : Applying 2 coats of No.1515 directly, total 120 μ, 600°C, 6 hrs. : No abnormal.
	Galvanized plate (sand sweep) : Applying No.1515 directly, 300°C, 6 hrs. : No abnormal.
WEATHERING TEST	Outdoor exposure for 1000 hrs. : No abnormal.
SALT SPRAY TEST	5% NaCl salt spray for 1000 hrs. : No abnormal. 5% NaCl salt spray for 3000 hrs. (Applying on IZ-01): No abnormal.
BOILED WATER TEST	95°C boiled water for 1hr. : No softening, cracking and peeling.
GASOLINE TEST	Premium gasoline for 72 hrs. : No softening, cracking and peeling.
POT LIFE	14 hrs. (mixture)
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
NOTE	<ol style="list-style-type: none">1. Adhered moisture, greases, sludge, old paint and rusts on substrate must be cleaned thoroughly. Steel surfaces must be blast-cleaned to SIS Sa 2 1/2.2. The product applied with one coat spray can obtain 60 microns of thickness of paint film, and the film is no cracking and no peeling.3. When the temperature was more than 400°C, please do not use the IZ-01 as the primer, because the IZ-01 can only resist the heat for 400°C, so the suitable method of application is to apply No.1515 for two coats total 120 microns of paint film.4. The product is not suitable for the stainless substrate, if need, please connect with our technical department.

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