



## Product Description

Heat resistant silicon coat (up to 650 °C) is an one component based on silicon resin and aluminum paste .This coat has excellent resistant in the humidity and industrial conditions .This coat uses for coating steel structures of factories ,refineries, oil productions with heat resistant up to 650 °C.

## Product Description

Shade :	Aluminum
Glossy:	Semi-gloss
Percentage of Vehicle:	76%-79%
Percentage of Volume solids:	40%-45%
Dry film thickness:	20 μ
Wet film thickness:	50-60 μ
Theoretical spreading rate:	14-16 m <sup>2</sup> /kg
Thinner:	Heat Resistant Thinner Rangin Zereh Sepahan
Shelf life:	12 months
Specific gravity :	1-1.1 Kg/Lit
Viscosity:	80-85 k
Heat resistance:	Up to 650 °C

Temperature	Touch dry	Full Cure	Recoating
15°C	3-4 Hours	Hard dry and mechanical resistant of this coating is product for 1 hour to Up to 650 °C	May be recoated when thorough dry or after being heated for 1 hour Up to 650 °C
25°C	1-2 Hours		
40°C	30 Minutes		

Dry times are dependent on applied film thickness, all data in this catalogue are reported at recommended D.F.T in laboratory conditions.

## Application Procedure

- 1-The coated surface should be without dust and contamination.
- 2-Mix paint well and regulate its viscosity with Heat resistant Thinner.
- 3- After drying, recommend curing condition for the coat 1 hours at 150-180 °C.
- 4-After applying heat the coat becomes flake if dry film thickness would be more than 40μ.
- 5- Surface preparation shall not take place in the following conditions:
  - A) At temperature below 5 °C and more than 40°C.
  - B) When the relative humidity greater than 80%.
  - C) When the metal surface temperature is less than 3°C above the dew point.

## Storage Conditions

This paint is flammable .Keep away from heat, humidity and open flame .Keep container closed .The store temperature must be between 5°C- 35 °C and adequate ventilation.

