

SILICON No.700 SILVER

Oct. '01

SILICON No.700 SILVER, is a silicone heat resisting paint based on silicone resin pigmented and aluminium pigment.

It has the following advantages;

1. Excellent heat resistance (up to 700°C)
2. Excellent weather resistance
3. Excellent application workability
4. Excellent adhesion property

TECHNICAL DATA

Type	:	Silicone resin heat resisting aluminium paint				
Recommended Use	:	As finish coat for boiler, cylinder of engine, inside of exhaust pipes, radiator, oil burner, etc...				
Colour	:	Silver				
Flash Point	:	19.5 °C				
Volume Solid	:	34 ±2%				
Coverage (Theoretical)	:	22.6 – 17.0	m ² /L	;	49 – 65	g/m ²
Wet Film Thickness	:	1.8 – 2.4	mils.	;	45 – 59	µm
Dry Film Thickness	:	0.4 – 0.8	mils.	;	15 – 20	µm
Drying Time (at D.F.T. 15µm)	:	Temperature	5°C	10°C	20°C	30°C
		Surface Dry	1 hr.	50 min.	30 min.	20 min.
		Hard Dry	7 hrs.	5 hrs.	3 hrs.	1 hr.
Painting Interval (at D.F.T. 15µm)	:	Min.	20 hrs.	16 hrs.	12 hrs.	8 hrs.
		Max.	-	-	-	-
Thinner	:	SILICON THINNER				
Method of Application	:	Airless spray, Brush				
Condition for Application	:	Temperature	:	Min. 0 °C		
		Humidity	:	Max. 85% R.H.		
		For Airless spray ;				
		Tip No.	:	Graco 415		
		Spray-gun speed	:	70 – 100 cm/sec.		
		Paint output pressure	:	8.8 – 11.8 MPa		
		Viscosity	:	10 – 20 sec. (Ford Cup No.4)		
		Thinning	:	5 – 10 % by volume		
Preferable Preceding Coats	:	SILICON No.700 PRIMER, GALBON S-HB				
Preferable Subsequent Coats	:	-				
Packaging	:	One pack product				

Remarks ;

1. Paint film should be baked for 2 hours at 200°C to complete curing.
2. Total paint film thickness of painting specification should be below 150µm.
3. Surface preparation : In case of direct application to the steel surface, SIS-Sa 2.5 or SIS-St 3 is required. The surface to be painted must be clean, free from rust, dirt, oil grease or other foreign matter using power wash, detergent, or solvent wipe.