

DATA SHEET

SILVER 600

COD. 60490600

Description	Heat resisting aluminium paint, based on a silicone resin		
Use and principal characteristic	<ul style="list-style-type: none"> • For the protection of equipment such as furnace exteriors and heat exchangers operating from ambient temperatures up to 600°C continuous • Good resistance to mild chemical fume environments and industrial polluted exposure. • Fast drying, excellent gloss and colour retention 		
Resistance to			
Flexibility	Good		
Impact resistance	Very Good		
Abrasion resistance	Very Good		
Weathering	Excellent		
Basic data at 20°			
Colour and gloss	Aluminium - gloss		
Mass density	Approx. 1,10 g/cm ³		
Solids content by volume	Approx. 35%		
Recommended dry film thickness	25- 35 micron		
Coverage theoretical	14 m ² /l for 25 micron		
Set - to - touch	2 hour at 20°C, 4 hours at 5 - 10°C		
Through dry	8 hours		
Full cured	1 hour at 250°C		
Overcoating interval	minimum : 12 hours at 20° C, 48 hours at 5 - 10°C maximum : unlimited		
Shelf life	12 months in cool and dry place		
Shipping weight	Silver 600	60490600	18 - 4 lt
	Thinner	55100110	25 - 5 lt

Flash point (DIN 53213)

Base	26° C
Thinner	32° C

Surface preparation and application condition

To assure a good anticorrosion protection, apply immediately after the blast cleaning a previous coat of Silicon.Zinc 55000907; dry and free from any contamination.
Steel preparation to minimum SIS- St3 can be accepted for interior exposure, but blast cleaning to ISO -Sa 2,1/2 is the minimum acceptable standard for exterior exposure.
Substrate temperature should be at least 3°C above dew point.

Material preparation

Power mixing to uniform consistency

Airless spray

Recommended thinner	cod. 55100110; 0-3 %
Nozzle orifice	approx. 0,38 (=0,015 inch)
Nozzle pressure	15 MPa (= approx. 150 at. - 2100 p.s.i.)

Air spray

Recommended thinner	cod. 55100110 ; 5-10%
Nozzle orifice	1,5 - 2 mm
Nozzle pressure	0,3 MPa (= approx. 3 at. - 35 p.s.i.)

Brush/Roller

cod. 55100110 at 0 - 5%. Use medium bristle brush

Cleaning Solvent

cod. 55100110

Additional Data**SAFETY PRECAUTIONS****WARNING**

VAPOUR HARMFUL, MAY CAUSE IRRITATION.
COMBUSTIBLE. CONTAINS ORGANIC SOLVENTS
Avoid contact with eyes, skin and clothing. Avoid breathing vapour. Wash thoroughly after handling. Use with adequate ventilation. Wear an air supplied mask to avoid breathing concentrated vapours in enclosed areas. Close container after use.
Keep away from heat, sparks, and open flame.
In case of eye contact, immediately flush with plenty of water for at least 15 minutes.