

SCHEDA TECNICA

ACRISIL

SERIE 55490000

Description	Heat resisting finish, based on silicone acrylic 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 300°C. • Good resistance to mild chemical fume environments and industrial polluted exposure. • fast drying, excellent gloss and colour retention 		
Resistance to			
Flexibility	Excellent		
Impact resistance	Very good		
Abrasion resistance	Excellent		
Weathering	Very good		
Basic data at 20°			
Colour and gloss	White and aluminium, other colours Ral on request - semigloss		
Mass density	approx. 1,3 g/cm ³		
Solids content by volume	approx. 52%		
Solids content by weight	approx. 60%		
Recommended dry film thickness	30 - 60 micron		
Coverage theoretical	12,30 m ² /kg for 30 micron		
Set - to - touch	6 hour		
Through dry	1 hour		
Full cured	30 minutes at 180°C		
Overcoating interval	minimum :24 hours at 20° C maximum :unlimited		
Shelf life	8 months in cool and dry place		
Shipping weight	Acrisil	55490000	20 - 5 KGs

Thinner	10100130	25 - 5 Lt
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Flash point (DIN 53213)

Base	26° C
Thinner	28° C

Surface preparation and application condition

To assure a good anticorrosion protection, apply immediately after the blast cleaned a previous coat of Verepos Zinco 70000310; 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 agitation to uniform consistency

Airless spray

Recommended thinner	cod. 10100130 0 - 3 % ;
Nozzle orifice	approx. 0,38 - 0,48 mm (=0,015-0,019 inch
Nozzle pressure	15 MPa (= approx. 150 at. - 2100 p.s.i.)

Air spray

Recommended thinner	cod. 10100130 ; 5 - 10%
Nozzle orifice	1,5 - 2 mm
Nozzle pressure	0,3 MPa (= approx. 3 at. - 35 p.s.i..)

Brush/Roller

thinner cod. 25100130 at 0 - 5%. Use medium bristle brush

Cleaning Solvent

Thinner cod. 25100130

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.