



APCOTHERM HR 600

Single pack, silicone resin based, heat resisting aluminium coating

- Dry heat resistant upto 600° C
- Good water & weather resistance
- Can be directly applied over aluminium/ zinc metallised substrate or zinc silicate primer

TECHNICAL DATA

Colour	Aluminium	Drying time at 30° C	Surface dry : 90 minutes
Finish	Metallic		Hard dry : 16 hours
Volume Solids	Approx. 28%	Over coating Interval at 30° C	Min. : 16 hours
Recommended DFT/ Coat	20 - 25 microns		Max.: Unlimited, provided surface is dry and free from all contamination
Theoretical covering capacity	14.0 sq.mtr/ l @ 20 microns DFT 11.2 sq.mtr/ l @ 25 microns DFT	Shelf Life (cool and dry place)	At least 12 months
Flash point	Not less than 27° C		

DIRECTIONS FOR USE

SURFACE PREPARATION & SUBSTRATE CONDITION:

- Suitable zinc silicate primer or over aluminum/ zinc metallized surface; dry & free from all surface contamination, mist coat is recommended when applied over zinc silicate primer
- For application over weathered zinc primers, ensure white rust removal by thorough water scrubbing/ high-pressure water cleaning
- Surface temperature must be at least 3° C above dew point but not above 50° C

MIXING

If settling is observed in the drum, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing.

APPLICATION

Application Method	Brush/ Roller	Air Spray	Airless Spray
Recommended thinner	T - 131	T - 131	T - 131
Volume of thinner	0 - 5 %	0 - 10 %	0 - 5 %
Nozzle Orifice		1.5 - 3.00 mm	0.28 - 0.33 mm
Nozzle pressure		0.3 - 0.4 MPa (= approx. 3 - 4 atm, 43 - 57 p.s.i.)	10 - 13 MPa (= approx. 100 - 130 atm, 1400 - 1800 p.s.i.)

Note:

- The product is not recommended for immersion service
- As common to all aluminium coatings, loss of lustre can be observed when directly exposed to acid & alkalis
- For long term protection, primer coat is Recommended
- The product should not be applied on hot surfaces

STORAGE & PACKING

Storage : Store in a cool, dry place. Store in accordance with local regulations.

Packing : 20 litres

SAFETY INFORMATION

As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.

Please refer our Material Safety Data Sheet prior to using the product.

Disclaimer: To the best of our knowledge the information provided herein are true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product.

The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new data-sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product