



Anti-Corrosion

ALU HI-TEMP

HIGH TEMPERATURE CORROSION PROTECTION

ALU Hi-Temp is a high temperature stable aluminium coating. Based on silicone resins and active aluminium pigments, ALU H.T. is designed to build a hard, lasting finish that will not burn, chip or peel off at high temperatures (resists temperatures up to 600°C - continuous).

It offers excellent coverage and high durability, and it's quick drying at room temperature.

Good weather stability. Although some loss of gloss can be noticed after extended exposure. Totally lead and chromate free. Non-chlorinated and no aromatic solvents.

Dimethylether (DME) propellant for controlled application and optimum film properties.

PRODUCT CODES / FILL SIZES



30296 / 400ml

APPLICATIONS

- Stove pipes
- Stoves
- Heaters
- Kilns
- Incinerators
- Chimneys
- Exhaust manifolds
- Headers
- Engines
- Ovens
- Steam pipes

DIRECTIONS

- Do not use on energised equipment. Use in well ventilated area.
- Shake aerosol can well for at least one minute after agitator ball is free. Repeat frequently while using.
- Apply to a clean, degreased, dry surface for best results.
- Remove rust and scale with a wire brush.
- Apply in light, even coats; best results are obtained with 2 lighter rather than 1 heavy coat.
- Additional coats can be applied after 15-30 minutes.
- Complete curing occurs during use, typically after 1 h @ 200°C or 45 min. @ 250°C.
- When spraying is finished, clean aerosol valve by turning can upside down and pressing button until only propellant escapes.
- If clogging occurs, remove button and clean orifice with fine wire.

TECHNICAL DATA (WITHOUT PROPELLANT)

Appearance	Matt Aluminium Finish
Resin Type	Silicone
Pigment Type	Non-Leafing Aluminium
Specific Gravity (@ 20°C)	0.99
Flash Point (Solvents)	-4°C
Coverage (30 µm, dry)	Approx. 2.7 m ² /can (400 ml)
Drying Times To Touch	15 min @ 20°C (45% RH)
Drying Times To "Hard"	24 h @ 20°C (45% RH)
To Complete Cure	1 h @ 200°C
Recommended Film Thickness	25-30 µm
Thinner / Cleaner	M.E.K., Acetates
Dry Film Properties (On Degreased Metal)	-
Heat Resistance (ASTM D-2485-68)	-
Method 1 (24 h cont.)	600°C
Method 2 (cycling)	635°C
Adhesion On Steel (NFT 30038)	0/1
Flexibility (After Heating To 600°C, 6 mm Mandrel, Visual)	Pass

MATERIALS COMPATIBILITY

OK	-
CAUTION	-
NOT OK	-

STORAGE & SHELF LIFE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 4 years with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

A separate Safety Data Sheet (SDS) according to EC Regulation 73/404/EEC and 648/2004/EC is available from Ambersil.com or via info.uk@crcind.com

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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