

Alu Hi Temp



Technical Data



ALU HIGH-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.

FEATURES

- High thermal stability: resists temperatures up to 600°C (continuous).
- Excellent coverage.
- High durability.
- Quick drying at room temperature.
- Very good resistance to temperature fluctuations.
- 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.

APPLICATIONS

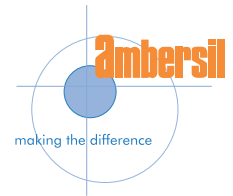
- | | | |
|---------------------|----------------|------------|
| • Stove pipes | • Stoves | • Heaters |
| • Kilns | • Incinerators | • Chimneys |
| • Exhaust manifolds | • Headers | • Engines |
| • Ovens | • Steam pipes | |

DIRECTIONS

- 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.
- Do not use on energised equipment. Use in well ventilated area.



PART NUMBER:
6190011511



TECHNICAL DATA

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)
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
Packaging	:	12 x 400ml

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 48 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

CRC Industries UK Ltd provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

The information given in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products and for which reason no warranty is given, express or implied. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.