



# HEAT RESISTING ALUMINIUM HRA6

## PRODUCT DATA SHEET

**HEAT RESISTING ALUMINIUM HRA6** is a high temperature resistant silicone resin based paint which dries to a semi matt, high aluminium lustre finish.

### USAGE

- On stacks, retorts, furnaces, boilers, exhausts, etc.

**HEAT RESISTING ALUMINIUM HRA6** will be effective in moist environment and where steam is generated. It is however not suitable for protection against acids, alkalis, solvents and salts.

**Note** : Condensation or dew formation on metallic surfaces will result in poor adhesion and subsequent flaking of the paint. Avoid painting during early morning, late evening or during humid and wet periods.

### PHYSICAL DATA

- **Product Code** : 4301
- **Finish** : Semi-Matt
- **Colour** : Aluminium
- **Consistency** : Low viscosity Liquid
- **Specific Gravity** : 0.99 (Approx.)
- **Volume Solids** : 32% (Approx.)
- **Flash Point** : 38 °C, closed cup
- **Mixing ratio** : Exact quantity of aluminium paste is supplied with the base
- **Pot - life** : 16 hours
- **Shelf Life** : 12 months, keep in separate containers
- **Packing** : 5 L, 2 L, 1L

Paints should be stirred before use and occasionally whilst in use.  
Contact your supplier for further information

## APPLICATION

- **Surface preparation** : See method SP 003/ SP 003 A. Best results are obtained by blast cleaning to Sa 2½ with a low blast profile of around 30 microns. Alternatively prepare the steel by wire or power tool cleaning to St 3.
- **Application method** : Apply two to three coats by brush, roller or spray.
- **Mixing instructions** : Stir base with a flat paddle until homogeneous. then add a small amount of the base to the aluminium paste until it is fluid. Add this mixture to the base and stir until uniform.
- **Dilution** : Usually not required. Use **SLOW AROMATIC SOLVENT** if necessary.
- **Spreading rate / Film thickness** : One litre of **HEAT RESISTING ALUMINIUM HRA6** will cover between 10.5 and 16 m<sup>2</sup> of surface in one coat ; at this spreading rate the dry film thickness will vary between 30 and 20 microns on a completely smooth, non absorbent surface.
- **Drying time** : Approximately 1 hour to touch dry, **HEAT RESISTING ALUMINIUM HRA6** can be over-coated after approximately 24 hours at 25°C.

**Note** : Coating will remain soft until heated to 100°C. Do not apply heat until 24 hours after application.

- **Cleaning solvent** : **SLOW AROMATIC SOLVENT**.
- **Preceding coat** : Not required.
- **Subsequent coat** : Not required.

## SAFETY

- **HEAT RESISTING ALUMINIUM HRA6** is flammable, keep away from ignition source. Do not smoke whilst using.
- Wear adequate protective equipment during application, remove splashes from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.
- A complete Material Safety Data Sheet is available on request.

## MAINTENANCE

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.