



ALUMÍNIO ALTA TEMPERATURA – AT 600°C

DESCRIPTION

Alumínio Alta Temperatura paint is based on a silicone resin of high purity and strength pigments. It is specially formulated for the protection of metal surfaces subject to temperatures up to 600°C. It also has a good weather resistance thereby conferring a degree of anticorrosive protection to the surfaces coated with it.

PROPERTIES

- Great ease of application
- Good outdoor durability
- Good covering power
- Good weather resistance
- Good gloss retention
- Excellent resistance to heat

PHYSICAL DATA

COLOUR		Aluminium
FILM ASPECT	Gloss	Satin
SPECIFIC GRAVITY		0,990 ± 0.050 g/cm ³
VISCOSITY		45 ± 10" Ford IV
SOLIDS BY WEIGHT		55 % – Theoretical Value

APPLICATION DATA

SURFACE PREPARATION

Surface must be clean, free of rust, calamine, old paint and other contaminants. Grit blast first to achieve best results.

Grit blasting – Grit blast to Sa2½ (ISO 8501-1). If oxidation occurs between grit blasting and the application of the paint, the surface must be abraded again to meet the specified visual standard. Superficial defects revealed in the abrasion process must be rubbed down, filled or treated in an appropriate manner. Abrade to achieve a rugosity profile of between 25 and 50 µm, in accordance with Norm NP EN ISO 8503. Remove any traces of dust and debris from the surface.

APPLICATION METHOD

Short pile roller, brush and conventional spray

THEORETICAL COVERAGE

10 to 12 m²/L/per coat

DRYING TIME

Touch dry – 1 to 2 hours
Overpainting – 16 to 24 hours

Drying times are dependent on temperature, ventilation and film thickness.

APPLICATION CHARACTERISTICS

THINNING

Do not thin

APPLICATION

Apply one to two coats of **Alumínio Alta Temperatura**

UTENSILS/TOOLS CLEANING

The utensils/tools must be cleaned with or **Diluyente Celuloso** immediately after the application.

This technical data sheet is merely of an advisory nature, based on current technical know-how, for guidance, and may be changed without prior notice. As the conditions of application are beyond our control, the company cannot under any circumstances be held responsible for the obtained final results in its use.



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ENVIRONMENTAL CONDITIONS DURING APPLICATION

Ambient Temperature	$\geq 5\text{ }^{\circ}\text{C}$
Relative Humidity	$\leq 70\%$
Surface Humidity	Between 8 and 12%
Surface Temperature	2 to 3 $^{\circ}\text{C}$ above dew point

SHELF LIFE

When stored inside in original containers and sheltered from sunlight and cold at temperatures between 5 and 40 $^{\circ}\text{C}$, the product has a shelf life of 3 years after its date of manufacture.

OBSERVATIONS

The simultaneous occurrence of low temperature and high relative humidity leads to longer drying and curing times than usual being able to influence the film behaviour of the **Alumínio Alta Temperatura**.

For outdoor exposure, it is recommended to apply two coats of **Alumínio Alta Temperatura**.

HEALTH, SAFETY AND ENVIRONMENT

In general, avoid contact with eyes and skin; gloves, goggles and appropriate clothing must be worn. Keep out of the reach of children. Use only in well ventilated areas. Do not empty into drains. Keep the container properly sealed and stored in the correct place. Take correct measures when transporting the product; Prevent any accident or incident that may occur during transportation, in particular the rupture or deterioration of the packaging. Ensure that the container is correctly stacked in a safe area. Do not store or use the product in extreme temperature conditions always between 5 and 40 $^{\circ}\text{C}$. Always take account of the appropriate legislation relating to the Environment, Hygiene, Health and Safety at Work. For more information it is essential to read the label on the container and the product Material Safe Data Sheet.