

TECHNICAL DATASHEET

ENAMEL ALUMINIUM

PRODUCT DESCRIPTION

It is a high-quality interior and exterior leafing aluminium gloss enamel formulated to provide high opacity, excellent durability, and long-lasting resistance to chalking.

PRODUCT BENEFITS

- 1- Non-toxic after drying, Free of lead
- 2- Bright silver appearance
- 3- Suitable for interior and exterior
- 4- Excellent adhesion
- 5- Excellent hiding power
- 4- Good sag resistance
- 5- Excellent durability and washability
- 6- High resistance to salt spray, UV emissions and weathering conditions
- 7- High temperature stability

RECOMMENDED USES

Suitable for interior and exterior applications on aluminum, ferrous metal, concrete, and properly prepared surfaces. Aluminum enamel paint provides a durable, decorative metallic finish with excellent adhesion and protective properties. It enhances surface appearance while resisting corrosion, and environmental wear, ensuring long-lasting performance and protection.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

- 1- Alkaline and acid surfaces should be cleaned and neutralized.
- 2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
- 3- Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good intercoat adhesion.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Appearance	Bright finish
Color	Aluminum
Temperature	25 ⁰ C
Specific Gravity, ISO 2811	0.86 g/cm ³
Drying Time, ASTM D5894	2- 3 hrs
Recoat Time	5-7 hours
Coverage	30-35 s.q.m. per US gallon
Sag Resistance, ASTM D3730	Excellent
Leveling, ASTM D2801	Excellent
Hardness, ISO 1522	Excellent

Chemical Properties

Solids by Weight	38-40 %
Solids by Volume	32-35%

PRIMING/THINNING/APPLYING

Prime the surface with Undercoat white with specific dilution of 20- 25% depending on the surface condition.

Prime steel surfaces with Metal Primer as a pre-coating, with a dilution rate of 20% (white spirit).

Apply Enamel Aluminum without dilution.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

STORAGE

Avoid frost & excessive heat

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.