



® TECHNICAL DATA SHEET (TDS)
KTH 7798 ALUMINIUM PAINT

Product Description

KTH 7798 ALUMINIUM PAINT is a single component solvent based aluminium paint. It has fast drying time, thus most suitable for industrial steel structural work. It gives silvery and semi-gloss finishing to painted surfaces.

Uses

As primer or top coat in a multi-coat coating system. Most suitable for use on steel, GI and others surfaces. Main for general industrial steel painting.

Composition

Pigment : Aluminium paste.
Binder : Modified alkyd resin
Solvent : Hydrocarbon

Physical Characteristics of the Paint:

Density : 0.92– 0.98
Volume Solid : 44 ± 5%
Viscosity : 45 ± 5 KU at 30°C
Theoretical Coverage : 9 – 11 m²/litre
Colour : Aluminium

Coating Properties:

Recommended Dry Film Thickness	: 35 - 45 microns per coat
Recommended Wet Film Thickness	: 80 - 100 microns per coat
Recommended Coating System	: 1) AC 750 or AC 736 / 7798 / 7798 2) 7798 / 7798
Recommended Numbers of coat	: One to two
Drying Time	: Touch Dry – 15 mins, Dry to handle – 1 hour
Recoating interval	: At least 8 hours
Curing Time	: 1 day

Surface Preparation:

Previous painted surface and bare substrate must be completely dry and free from rust, mill-scale, dirt, grease and other contaminants before painting. For maximum adhesion and durability of paint performance, all bare surfaces should be prepared by means of sand paper, hand tools, power tools and etc.

Application Method:

Method of Application	: Brush, roller, and spray application.
Product Preparation	: Stir mixture thoroughly before use. No thinning is required. However, 10% of thinner can be added for workability.
Pot Life (at 30°C)	: No pot life limit.

Safety Precaution:

1. This product is flammable.
2. Keep away from sources of ignition.
3. Keep container tightly closed and keep out of reach of children.
4. Wear suitable personal protective clothing during painting.
5. Ensure adequate ventilation. Do not breathe or inhale spray mist.
6. Do not apply when the relative humidity exceeds 85%.
7. Avoid skin and eye contact. Spillage on skin should be removed immediately with cleanser, soap and water. Eye should be well flushed with water and seek medical advice immediately if discomfort persists.