



® TECHNICAL DATA SHEET (TDS)

KTH 5953 HIGH GLOSS

Product Description

KTH 5953 HIGH GLOSS is single component solvent based alkyd enamel. It has fast drying time, yet still gives very high gloss finishing to painted surfaces. It is most suitable for interior use. For exterior use and long lasting gloss retention, KTH 5953 HIGH GLOSS should be over coated with 901 1K Alkyd Finish.

Uses

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

Composition

Pigment : Various pigments.
Binder : Modified alkyd resin
Solvent : Hydrocarbon

Physical Characteristics of the Paint:

Density : 0.92– 1.15 (depending on colours).
Volume Solid : 52 ± 5%
Viscosity : 70 ± 5 KU at 30°C
Theoretical Coverage : 11.5 – 15 m²/litre
Colour : Wide range of colours.

Coating Properties:

Recommended Dry Film Thickness	: 35 - 45 microns per coat
Recommended Wet Film Thickness	: 67 - 87 microns per coat
Recommended Coating System	: 1) AC 750 or AC 736 / 701 / 5953 HG / 5953 HG 2) AC 750 or AC 736 / 701 / 5953 HG / 901 1K 3) 701 / 5953 HG / 5953 HG
Recommended Numbers of coat	: One to two
Drying Time	: Touch Dry – 20 mins, Dry to handle – 4 to 6 hours
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 rolling and brushing. However, 10 – 30 % of thinner may be added for spraying application.
Pot Life (at 30°C)	: No pot life limit.

Safety Precaution:

1. This product is flammable. Keep away from sources of ignition.
2. Keep container tightly closed and keep out of reach of children.
3. Wear suitable personal protective clothing during painting.
4. Ensure adequate ventilation. Do not breathe or inhale spray mist.
5. Do not apply when the relative humidity exceeds 85%.
6. 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.