



® TECHNICAL DATA SHEET (TDS)

KTH 786 BLACK MATT

Product Description

KTH 786 BLACK MATT is single component high build, solvent based alkyd, matt finishing enamel. It has fast drying time, and gives smooth, very even matt finishing to painted surfaces. It is designed for wrought iron grill work. A suitable clear top-coat should be painted to protect 786 Black Matt for exterior weather-ability.

Uses

As intermediate coat in a multi-coat coating system. Most suitable for use on wrought iron, steel, GI and others surfaces.

Composition

Pigment : Carbon black pigment.
Binder : Modified alkyd resin
Solvent : Hydrocarbon

Physical Characteristics of the Paint:

Density : 1.20 – 1.26.
Volume Solid : 64 ± 5%
Viscosity : 63 ± 5 KU at 30°C
Theoretical Coverage : 13 – 16 m²/litre
Colour : Black.

Coating Properties:

Recommended Dry Film Thickness	: 40 - 50 microns per coat
Recommended Wet Film Thickness	: 60 - 750 microns per coat
Recommended Coating System	: 1) AC 750 or AC 736 / 786 / 901 1K (or 905 2K PU) 2) AC 750 or AC 736 / 786 / 906 2K PU matt
Recommended Numbers of coat	: One to two
Drying Time	: Touch Dry – 15 minutes, Dry to handle – 1 to 2 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 for brushing and rolling application. For spraying application, 20 – 40% of thinner may be added.
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.