



® TECHNICAL DATA SHEET (TDS)
KTH 785G BLACK OXIDE PRIMER

Product Description

KTH 785G BLACK OXIDE PRIMER is single component alkyd solvent based primer. It is economical and general purpose primer for most general industrial steel structural painting. It gives smooth and gloss finishing to painted surfaces. However a suitable top-coat should be painted over to enhance the performance of the oxide primer.

Uses

As a primer in a multi-coat coating system. Most suitable for use in steel, GI and other metal surfaces.

Composition

Pigment : Black pigment.
Binder : Modified long oil alkyd resin
Solvent : Hydrocarbon

Physical Characteristics of the Paint:

Density : 0.90 – 0.96.
Volume Solid : 59 ± 5%
Viscosity : 63 ± 5 KU at 30°C
Coverage : 7.5 – 12 m²/litre
Colour : Black.

Coating Properties:

Recommended Dry Film Thickness	: 50 - 80 microns per coat
Recommended Wet Film Thickness	: 85 - 135 microns per coat
Recommended Numbers of coat	: Two
Recommended coating system	:1) 736AC Primer / 785G Primer / 9600 High Gloss (5953 HG) or 2) 785G Primer / 785G Primer / 9600 High Gloss (5953 HG)
Drying Time	: Touch Dry – 20 mins, Dry to handle – 4 to 5 hours
Recoating interval	: At least 16 hours
Curing Time	: 24 hours

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 - 20% 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.