TECHNICAL DATA SHEET (TDS)

KTH ETCHING PRIMER

Product Description

KTH ETCHING PRIMER is a unique single component anti-rust primer, designed for difficult to adhere metal like, galvanized steel, stainless steel, aluminum and other non-ferrous metal. It has excellent adhesion on these bare metal, thus provides them for subsequent painting work. It gives satin finishing to the painted surface.

Uses

As a primer coat. Suitable for use on galvanized steel, stainless steel, non-ferrous metal & etc.

Composition

Pigment	: Titanium dioxide and Zinc phosphate
Binder	: Polyvinyl butyral resin
Solvent	: Hydrocarbon

Physical Characteristics of the Paint:

Density	: 1.00 – 1.10
Volume Solid	: 40 ± 5%
Viscosity	: 70 ± 10 KU at 30°C
Coverage	: 13 – 20 m^2/ litre
Colour	**:** Grey green

KTH PAINT INDUSTRIES SDN BHD
No.53, 55, 57 & 59, Jalan Selat Selatan 7/KS05, Perindustrian Sobena Jaya, Pandamaran 42000 Port Klang, Selangor Darul Ehsan, Malaysia.
Tel: 03-31682737 Fax: 03-31686898

Coating Properties:

Recommended Dry Film Thickness	: 20 - 30 microns per coat
Recommended Wet Film Thickness	: 50 - 75 microns per coat
Drying Time	: Touch Dry – 1 hour, Dry to handle - 16 hours
Recoating interval	: At least 16 hours
Curing Time	: 5 – 7 days

Note: Do not apply product to excessive thickness, as it would prolong the drying time and delay the development of the maximum adhesion.

Surface Preparation:

The 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 metals should be sanded (roughen) with 400 – 600 grits sand paper prior painting.

We strongly recommend adhesion test to be conducted on a small test panel prior painting the actual article, as to ascertain the degree of adhesion on the specific type of metal (or non metal), or condition (e. g., direct paint without roughening of the substrate) or coating system.

Application Method:

Method of Application	: Brush, roller, and spray application.
Product Preparation	: Stir mixture thoroughly before use. 40 - 50% of thinner can be added for spray application.
Pot Life (at 30^{o}C)	: N/A
Number of coat(s) recommended	: One
Recommended Coating system	: Etching primer / AC 750 / 9600 High Gloss

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.
6. Do not breathe or inhale spray mist.
7. Do not apply when the relative humidity exceeds 85%.
8. 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.

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