



**TECHNICAL DATA SHEET (TDS)**  
**KTH GOLDEN YELLOW 5822**

**Product Description**

KTH GOLDEN YELLOW 5822 is single component solvent based alkyd paint with unique tractor colour. It has good hiding power, good build, good corrosion protection to steel substrate and gives low gloss finishing to painted surfaces.

**Uses**

As a primer and topcoat. It is most suitable for use in steel, GI and other metal surfaces, where corrosion protection is required.

**Composition**

Pigment : Yellow and yellow oxide pigment.  
Binder : Modified long oil alkyd resin  
Solvent : Hydrocarbon

**Physical Characteristics of the Paint:**

Density : 1.18 – 1.24.  
Volume Solid : 52 ± 5%  
Viscosity : 67 ± 5 KU at 30°C  
Theoretical Coverage : 9 – 10.5 m<sup>2</sup>/litre  
Colour : Golden Yellow

**Coating Properties:**

Recommended Dry Film Thickness	: 50 - 60 microns per coat
Recommended Wet Film Thickness	: 95 - 115 microns per coat
Recommended Numbers of coat	: One
Recommended coating system	: AC 736 Primer / Golden yellow 5822
Drying Time	: Touch Dry – 30 mins, Dry to handle – 1 to 2 hours
Recoating interval	: At least 8 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. For brushing and rolling application, no thinning is required. For spraying application, up to 20% thinning may be required 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.