

TECHNICAL DATASHEET

Synthetic Fast Drying Primer - (F.D.I.)

PRODUCT DESCRIPTION

Fast drying primer for metal and wood substrates. It is ideal where extremely fast drying coating is needed to prevent dust pick-up and dirt retention during application and to enable quick work accomplishment.

PRODUCT BENEFITS

- 1- Very fast drying
- 2- High durability
- 3- Excellent weathering resistance
- 4- Good flow and gloss retention
- 5- Good chemical and abrasion resistance.
- 6- Excellent Hardness
- 7- Good adhesion

RECOMMENDED USES

For industrial applications in which fast drying and high performance are required. It can be used for machinery, equipment, metal surfaces and wood substrates.

FDI primer ensures good adhesion on the substrate and can be recoated with FDI paints.

SURFACE PREPARATION

Surfaces must be clean, dry and free from all contaminants.

Dust must be removed. Oil and grease must be washed out with an appropriate cleaner and the substrate must be left to dry before applying the primer.

Alkaline and acid surfaces must be cleaned and neutralized.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State Viscous Liquid

Appearance Matte

Color Range Refer to our catalogue

Specific Gravity, ISO 2811 1.2 - 1.4 g/cm³

Viscosity, ISO 2884	15- 20 poises
Drying Time	15-30 min to touch
Wet Film Thickness, ISO 2808	100 µm
Dry film Thickness, ISO 2808	60 µm
Recoat Time	1-2 hours
Coverage	10-12 m ² /L (depending on the film thickness).

Sag Resistance, ASTM D3730 Excellent
Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent

Chemical Properties

Solids by Weight	60- 70 % (depending on the color)
Solids by Volume	51- 58 % (depending on the color)

THINNING/ APPLYING

Thin with Thinner FDI (up to 30- 40% for spray application). Thickness of paint films depends on surface condition.

Apply 2-3 coats depending on the color of the product.

Clean tools and equipment with thinner immediately after use.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1Pail (5 U.S.G.) = 20L

STORAGE

Avoid frost & excessive heat

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.