

TECHNICAL DATASHEET

Fast Drying Industries Paint - (F.D.I.)

PRODUCT DESCRIPTION

Fast Drying paint for metal and wood substrates. This product overcomes many problems encountered with slow drying paints such as dust pickup and dirt retention during application.

FDI paint exhibits an exceptional quick drying time with excellent performance in terms of corrosion resistance and adhesion properties.

PRODUCT BENEFITS

- 1- Very fast drying
- 2- High Durability
- 3- Perfect adhesion
- 4- Excellent hardness/ flexibility balance.
- 5- Great weathering resistance
- 6- Good resistance to chemicals
- 7- Good scratching resistance

RECOMMENDED USES

For industrial applications where fast drying and great overall protection are required.

It can be used on machinery, equipment, metal surfaces and wood substrates.

For maximum protection and outstanding performance, prime with F.D.I primer before applying F.D.I paint.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

- 1- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers or paint removers.
- 2- Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good intercoat adhesion.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State	Viscous Liquid
Appearance	Gloss/Semi-Gloss/Matte Finish
Color Range	Refer to our catalogue

Specific Gravity, ISO 2811 1 – 1.2 g/cm³
Viscosity, ISO 2884 10- 15 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 m²/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 55- 65 % (depending on the color)
Solids by Volume 50- 55 % (depending on the color)

PRIMING/ THINNING/ APPLYING

Prime surface with FDI Primer.

Thin with thinner F.D. I (up to 20% for spray application). Thickness of paint film 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.
- 1 Pail (5 U.S.G.) = 20L

STORAGE

1 year under normal storage conditions from the issue date.

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.