

TECHNICAL DATASHEET

DIRECT TO METAL PAINT

GLOSS, SEMI-GLOSS, MATTE

PRODUCT DESCRIPTION

A smooth decorative finish for direct application on ferrous and non-ferrous metallic substrates. Especially formulated to perform as a primer and topcoat. Excellent durability and corrosion resistance. Available in gloss, semi-gloss and matt finish.

PRODUCT BENEFITS

- 1- Self-priming
- 2- Excellent adhesion on metal
- 3- Excellent water resistance
- 4- Excellent corrosion resistance
- 5- High resistance to salt spray, UV emissions and weathering conditions
- 6- High durability

RECOMMENDED USES

Direct to metal. All interior and exterior metallic ferrous and non-ferrous surfaces.

SURFACE PREPARATION

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

- 1- Alkaline and acid surfaces should be cleaned and neutralized.
- 2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
- 3- 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, matt

Color Range cf. catalogue

Temperature 25⁰C

Specific Gravity, ISO 2811 1.2± 0.05 g/cm³

Viscosity, ISO 2884 19-21 Poises (Gloss)

14-16 Poises (Semi-gloss and matt)

Drying Time, ASTM D5894 2- 3 hrs

Recoat Time 5-7 hours

Coverage 40-45 s.q.m. per US gallon

Opacity, ISO 6504-3 > 90 %

Sag Resistance, ASTM D3730 Excellent

Leveling, ASTM D2801 Excellent

Hardness, ISO 1522 Excellent

Chemical Properties

Solids by Weight 65-70 %

Solids by Volume 55-60%

PRIMING/THINNING/APPLYING

No need to prime surfaces.

Thin with White Spirit up to 15%. Apply using a brush, roller or spray.

Apply ideally 3 coats for maximum protection. Let dry well between coats.

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

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.