

TECHNICAL DATASHEET

UNDERCOAT

PRODUCT DESCRIPTION

It is an alkyd based primer for new and previously painted interior and exterior concrete, wood, hardboard and ferrous metal surfaces.

PRODUCT BENEFITS

- 1- High resistance to salt spray, UV emissions and to weather conditions.
- 2- Great sealing properties
- 3- Perfect adhesion
- 4- Intercoat adhesion
- 5- High temperature stability

RECOMMENDED USES

It is effective on surfaces such as structural steel, beams, trusses, metal doors, metal sash, metal trim, lockers, stairs and all types of machinery.

Interior and exterior wood work such as furniture, wood paneling, cabinets, cupboards, doors, windows...

Also suitable for fair-faced concrete.

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 Flat Finish

Color cf. catalogue

Specific Gravity, ISO 2811 $1.5 \pm 0.05 \text{ g/cm}^3$

Viscosity, ISO 2884 30-35 poises

Drying Time, ASTM D5894 1- 2 hrs.

Wet Film Thickness, ISO 2808 $100 \mu\text{m}$

Dry film Thickness, ISO 2808 $45 \mu\text{m}$

Recoat Time 4- 6 hours

Coverage 40 s.q.m. per US gallon

Sag Resistance, ASTM D3730 Excellent

Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent

Chemical Properties

Solids by Weight $70 \pm 2 \%$

Solids by Volume $50 \pm 2 \%$

THINNING/ APPLYING

Thin up to 50% with white spirit directly to unprimed surfaces, up to 75% for fair-faced concrete, and 20 - 25% for wood surfaces.

Apply one or two coats. Apply topcoat after complete drying.

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.