

TECHNICAL DATASHEET

GOLD PAINTS

PRODUCT DESCRIPTION

Gold paints is used for protection and decoration of wood, metal or concrete surfaces, both in indoor and outdoor conditions. It gives an attractive gold metallic finish characterized by great adhesion to the substrate, excellent resistance to UV and weather, superior sheen with very good overall performances.

PRODUCT BENEFITS

- 1- High adhesion
- 2- High resistance to abrasion and scratches
- 3- High resistance to blistering and flaking
- 4- Weathering resistance
- 5- Excellent leveling properties
- 6- Excellent anti-blocking properties

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, hospital furniture, kitchen fixtures, etc...

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 adhesion.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State Viscous Liquid
Appearance Gloss

Light Gold and Dark Gold

Wet Film Thickness 100 μm
Dry Film Thickness 50 μm

Specific Gravity, ISO 2811 $0.95 \pm 0.05 \text{ g/cm}^3$
Viscosity, ISO 2884 4-9 poises

Drying Time, ASTM D5894 1-2 hours
Recoat Time 4-6 hours
Spreading rate 50-70 $\text{m}^2/\text{U.S. Gallon}$

Sag Resistance, ASTM D3730 Excellent
Leveling Excellent
Water Resistance Excellent
Scratching Resistance Excellent

Chemical Properties

Solids by Weight $52 \pm 2\%$
Solids by Volume $54 \pm 2\%$

PRIMING / THINNING/ APPLYING

Smooth & Take off dust from wooden surface
Surface must be clean and dry, free from oil, grease, salt, dirt, and other contaminants.
Previous coatings or varnishes should be roughened with sand paper to ensure good adhesion. Deteriorated paints should be removed.

- 1- **Masonry:** Prime with HAPPY WALL Primer
- 2- **Metal:** Prime with Metal Primer
- 3- **Wood:** For bare wood, sand slightly

Thinning

Dilute with white spirit, the quantity required depends on the absorption of the surface and the method of application:

- For brush application: 5-10%
- For spray application: about 15%
- On highly absorbent substrates: up to 50%.

Application Tools

Brush, roller or spray-gun.

PACKING

In cylindrical tin containers of the following capacities:

- ½ Quart = 0.47 L
- 1 Quart = 0.946 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.