



CLOUDATES[®] HGD

Synthetic enamel

Description

CLOUDATES HGD is a time tested and proven, high quality solvent based hi-gloss synthetic enamel paint. It is formulated with best quality opacifying and light fast pigments, which ensures better hiding and durability. It is recommended for suitably primed metal surface. CLOUDATES HGD is high gloss alkyd finishing paint.

Advantages

- Easy application by brush with excellent flow
- High gloss & smooth finish
- Good Stain Resistance
- Excellent Hardness & Durability
- Good weather resistance
- Good colour retention
- Tough and Durable
- Wipe off most common household stains easily

Uses

- Glossy enamel suitable for interior and exterior use under industrial & coastal atmospheric conditions
- Can be applied over adherent alkyd, epoxy and polyurethane coatings
- For all suitable primed interior and exterior metal surfaces, where high standard of durability is expected
- Used on metal, glass, wood & ceramic surfaces

Technical Information

PROPERTIES	RESULTS
Color	Different colors
Gloss	Glossy
Volume Solids (ASTM D 2697)	Approx. 42%
Recommended DFT / Coat	20 - 25 microns
Theoretical Coverage Capacity	21 sq.mtr/ ltr @ 20 microns DFT
Drying time at 30°C	Surface Dry : 4 hours Hard Dry : 12 hours
Over coating interval at 30°C	Min. : 12 hours Max. : Unlimited, provided surface is dry and clean from all contamination

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances
The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, temperature etc.
The information provided above is at 30°C and 65% relative humidity

Direction For Use

SURFACE PREPARATION:

- Suitable alkyd / epoxy primer or intermediate coat, dry and free from any contamination.
- Ensure removal of dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Oil and grease should be removed.
- In case of aged alkyd or epoxy coating, the surface should be sufficiently roughened if necessary.

APPLICATION CONDITION:

- Substrate temperature should be at least 3°C above dew point but not above 50°C.
- Relative humidity should be below 85%
- Good ventilation is required in confined areas to ensure proper curing

MIXING:

- If settling is observed in the drum, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing
- Thinner should be added after mixing. Addition of excessive thinner will lead to reduced sag resistance.

APPLICATION:

Air Spray Recommended thinner Volume of thinner Nozzle orifice Nozzle pressure Cleaning Thinner	• MTO 10 - 20 % 1.5 - 3.0 mm 0.3-0.4 Mpa (= approx. 3-4 atm; 43-57 p.s.i) MTO
Airless Spray Recommended thinner Volume of thinner Nozzle orifice Nozzle pressure Cleaning Thinner	• MTO 0 - 5% 0.28 mm (11 Thou) 12 Mpa (= approx. 120 atm; 1700 p.s.i.) MTO
Brush/Roller Recommended thinner Volume of thinner	• MTO 0 - 5%

CLEANING:

- Do not allow the product to remain in hoses, gun or spray equipment. Clean all equipments immediately after use with thinner MTO. It is recommended to periodically flush out spray equipment during the course of the working day. The frequency of cleaning will depend on amount sprayed, temperature and time gap.
- All surplus material and empty containers should be disposed off in accordance with appropriate regional legislation.

Coverage

- CLOUDATES HGD will give coverage of 8 to 10 m²/lit .

Supply

- It is supplied in 5 & 20 lit pack.

Self-Life

- 2 year from the date of manufacturing if stored in cool dry place under shaded area and if unopened sealed pack condition surface after completion of the preparation work.

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