



DD LACK ENAMEL

PRODUCT DATA SHEET

A fast curing two pack polyurethane protective and decorative topcoat for wood, metallic and masonry surfaces.

- Available in 62 standard colours.
- Available in gloss, satin and matt finish.

DD LACK ENAMEL is a hard wearing, flexible coating used as a topcoat on two pack polyurethane systems. It cures rapidly to give a washable finish which is resistant to impact, abrasion, detergent, solvents and mild chemicals.

THIS IS A TWO PACK SYSTEM. MIX THE TWO COMPONENTS THOROUGHLY BEFORE USE. DO NOT USE THE BLEND AFTER THE POT LIFE LIMIT.

USAGE

- On suitably primed mild steel, galvanised steel and aluminium surfaces.
- On suitably primed wood.
- As a fast curing intermediate or finishing coat in the furniture industry.
- On masonry surfaces where a fully washable finish is required.
- For hygienic purposes in cold rooms, kitchens, hospitals, etc.
- In mild to highly corrosive environment.
- For interior or exterior use.

DD LACK ENAMEL will yellow when exposed to direct sunlight. This yellowing is more noticeable with white and pastel colours. To avoid yellowing, the last coat of **DD LACK ENAMEL** can be substituted by **ACRYLINE FINISH**.

Note : Condensation or dew formation on metallic surfaces will result in poor adhesion and subsequent flaking of the paint. Avoid painting during early morning, late evening or during humid and wet periods.

PHYSICAL DATA

- **Product Code** : 2310 (Gloss), 2321 (Matt), 2322 (Satin)
- **Finish** : Gloss, Satin, Matt
- **Colour** : 62 standard colours including White and Black
- **Consistency** : Semi - viscous Liquid
- **Specific Gravity** : 1.0 - 1.3 mixed depending on colour
- **Volume Solids** : 50% (Approx.), mixed
- **Flash Point** : < 23 °C, closed cup
- **Hardener** : DD LACK HARDENER. This hardener is sensitive to moisture. Avoid opening can too frequently.
- **Mixing Ratio** : 3 parts BASE / 1 part HARDENER by volume
- **Pot Life** : 8 - 10 hours at 25°C depending on volume of mix
- **Shelf Life** : 12 months, kept in separate containers.
- **Packing** : 20 L, 5 L, 2 L, 1L

Paints should be stirred before use and occasionally whilst in use.
Contact your supplier for further information

APPLICATION

- **Surface preparation** : See method SP 001 for masonry surfaces. See method SP 002 for wood. See method SP 003/SP 003 A or SP 004 for mild steel and galvanised steel/aluminium respectively.
- **Application method** : Best results are obtained in two to three coats with conventional or low pressure spray. Airless spray is also possible. **DD LACK ENAMEL** can be applied in two coats by brush or with a short nap solvent resistant roller.
- **Dilution** : Mix base and hardener before thinning with **DD LACK THINNER** . Thin to 18-20 seconds FORD CUP No. 4 for conventional and low pressure spray. For brush or roller application thin as necessary for easy application.
- **Spreading rate / Film thickness** : One litre of undiluted **DD LACK ENAMEL** will cover between 7 and 9 m² of surface in one coat ; at this spreading rate the dry film thickness will vary between 50 and 40 microns on a completely smooth, non absorbent surface.
- **Drying time** : Approximately 60 minutes to touch dry, **DD LACK ENAMEL** can be over-coated after approximately 6 hours.
- **Cleaning solvent** : **DD LACK THINNER** .
- **Preceding coat** : On wood and masonry surfaces use **DD LACK SEALER**. On mild steel use **DD LACK ZINC CHROMATE (OR PHOSPHATE) PRIMER**, and on galvanised steel use **HIGH TECH 332 METAL PRIMER GREY**. In all cases, **DD LACK UNDERCOAT** can be used as an intermediate coat.
- **Subsequent coat** : **ACRYLINE FINISH** where colour retention is important.

SAFETY

- **DD LACK ENAMEL** is flammable, keep away from ignition source. Do not smoke whilst using.
- Wear adequate protective equipment during application, remove splashes from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.
- A complete Material Safety Data Sheet is available on request.

MAINTENANCE

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

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