

DULUX QUICK DRY ENAMEL

TECHNICAL DATA SHEET

Version 1 – 2018 MARCH

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

For protecting interior & exterior steel surfaces with exceptionally high gloss for long lasting finish

PRODUCT USES

- Formulated for protecting interior and exterior steel surfaces with exceptionally high gloss for long lasting finish e.g. Steel Cabinets, Shelves, Tools and Garden sets.

FEATURES AND BENEFITS

- Quick Drying.
- Excellent adhesion to metal substrates.
- Good coverage.
- High gloss finish.
- Can be applied with Brush, or Spray.

PRODUCT INFORMATION

Appearance	High Gloss
Colour	White, Black, Battleship Grey, Dark Admiral Grey, Golden Yellow, Caterpillar Yellow, International Orange, Midbruswick Green, Midnight Blue, Post Office Red, Signal Red and PWD Brown.
Binder Type	Modified Alkyd Resin
Density at 23°C	Approx. 1.00 – typical, depending on colour
Solids Content	By weight: Approx. 30% By volume: Approx. 26%
Packaged Viscosity	Viscosity at 23°C: Approx. 60 – 180 Seconds /F4 cup
Spreading Rate	Approx. 7m ² /litre at DFT: 40µm, depending on surface porosity, profile and application method.
Recommended DFT per coat	Min. 30µm. Max. 50µm
Recommended WFT per coat	Min. 125µm. Max. 200µm
Flash Point	Flammable - 23°C

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APPLICATION INFORMATION

Mixing	Stir until homogeneous with a flat paddle.
Application Surface conditions	Surface Temperature between 10 - 35°C. Relative Humidity between 10 - 80 % OR 2°C above dew point minimum.
Application methods	Brush or conventional spray.
Thinner	Thinning not recommended. Ready for use after thorough stirring for brush application. Hammerite Solvent if required for spraying to maximum of 10% of product volume, depending on desired viscosity.
Drying Time	Touch dry 15 minutes at 23°C.
Recoating Time	1 hour at 23°C (Drying times will be extended during cold, wet or humid conditions.)
Cleaning of equipment	After use, remove as much product as possible, and then clean immediately with Hammerite Solvent .
Substrates	Correctly prepared and primed steel surfaces.
Precautions:	Store away from direct sun, heat and severe cold. Do not clean the surface within 7 days of applying. Refer to Material Safety Data Sheet Dulux Quick Dry Enamel, White and Colours for additional safety precautions.
Coats Required	Two to three coats Dulux Quick Dry Enamel to new surfaces to achieve a continuous closed film and solid colour.

SURFACE PREPARATION

Proper care and attention to the preparation of the surface before application will add life and appearance to the final finish. Where the condition of the existing surface is suspect, it should be stripped to bare metal.

Ensure that surfaces are sound and free from flaking paint, dust, oil, grease, dirt, and debris. Surfaces must be thoroughly dry - no more than 12% moisture content. As a precaution, wipe surfaces with thinner and allow drying.

NEW SURFACES

Mild Steel and Iron

- Inspect shop-primer thoroughly for damage by installation. All rust, scale and dirt must be removed by scraping or with steel wire brushes, and then thoroughly sand with medium grit sandpaper and finish with fine grit sandpaper - down to a bright metal finish. Ensure that the sanded areas are dry and free of grease and dust. A solvent wash (rags dipped in lacquer thinner) may be used. Change the rags frequently. Allow drying and apply one coat **Dulux Quick Dry Primer**.

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SURFACE PREPARATION

PREVIOUSLY PAINTED SURFACES

- Finishes in a deteriorated state should be stripped to bare steel.
- If the existing paint is in a sound condition, wet-sand the entire area to be painted with P600 grit paper to a smooth matt finish
- Ensure all rust and flaking paint is completely removed. Clean off all sanding residues and blow dry.
- Spot prime bare mild steel and iron areas using **Dulux Quick Dry Primer**.

HEALTH AND SAFETY INFORMATION

This product contains no added lead. Avoid contact with skin or eyes. Keep out of reach of children. If accidentally swallowed, seek medical advice immediately and show this container to the doctor. Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible.

If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used. Do not empty into drains or watercourses.

Ensure good ventilation during application and drying. It is recommended to use suitable protective clothing and equipment. To avoid the risk of spillage, always store and transport containers in a secure upright position. Refer to Material Safety Data Sheet for complete information.

ADDITIONAL INFORMATION

Packaging	1lt, 5Lt
Storage Conditions	Store under cool dry conditions away from direct sunlight, heat and extreme cold.
Disclaimers	<p>Colour references are as accurate as modern printing will allow. Please refer to the in-store cards for an accurate representation of the colour.</p> <p>Among others, the following factors may affect final colour appearance: product sheen and texture, colour and light reflections, application, surface texture and preparation.</p> <p>For best colour and sheen consistency, it is advisable to use containers of the same batch number, to mix different batches together in a large container, or to finish in a corner before starting a new container.</p>

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TDS STANDARD DISCLAIMER

The recommendations contained herein are given in good faith and meant to guide the specifier or user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Dulux control.

Important Note; Technology may change with time, necessitating changes to this Technical Data Sheet (TDS).

It is the responsibility of the user to ensure that the latest TDS is being used for reference. Dulux Technical Data Sheets are available on our website www.dulux.co.za or please contact: Dulux On-Line on 0860 330 111. Email ZA.Helpline@akzonobel.com

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