

 **Dulux TRADE**  
**DIAMOND QUICK DRYING**  
**EGGSHELL**

Issued March 2006

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**PRODUCT INFORMATION**

<b>Typical Use</b>	<p><b>Dulux Trade</b> Diamond Quick Drying Eggshell is a tough, durable and attractive mid sheen finish. By using <b>Dulux Trade</b> Diamond Technology it is 10 times more stain resistant than standard water-based eggshell finishes and 10 times tougher than vinyl silks. It is quick drying and of low odour compared to solvent based paints, and therefore ideal for use where minimum disruption is important. <b>Dulux Trade</b> Diamond Quick Drying Eggshell can be used over surfaces previously decorated with solvent-based paints, providing proper surface preparation is carried out.</p> <p>Before preparing any surface for painting, read the Safety, Health &amp; Environmental information on page 2 about old lead-based paints.</p>
<b>Pack Size</b>	2.5 and 5 litre.
<b>Colour Range</b>	See appropriate <b>Dulux Trade</b> colour literature.
<b>Film Properties</b>	<p><b>Chemical Resistance:</b> Not recommended.</p> <p><b>Heat Resistance:</b> Not recommended for use on heated surfaces eg radiators.</p> <p><b>Water Resistance:</b> Resistant to the levels of atmospheric humidity present in normal interior environments and will withstand repeated washing. Suitable for use in kitchens and bathrooms. Not suitable for use on immersed surfaces or where there is heavy and prolonged condensation.</p> <p>Do not use externally.</p>
<b>Composition (nominal)</b>	<p><b>Pigment:</b> Lightfast Non Lead Pigments.</p> <p><b>Binder:</b> Modified acrylic copolymer for adhesion promotion.</p> <p><b>Solvent:</b> Water.</p>
<b>Volume Solids</b>	White 37% (nominal), other colours will vary.
<b>Application Method</b>	Brush, roller or spray.
<b>Film Thickness</b>	<p><i>Film thickness will be dependent on the coverage achieved.</i></p> <p><b>Wet:</b> 63 microns.</p> <p><b>Dry:</b> 23 microns.</p>
<b>Drying Times</b>	<p><i>Single coat at standard thickness:</i></p> <p><b>Touch Dry:</b> Dependent upon temperature and humidity.</p> <p><b>Recoat:</b> 4-6 hours.</p> <p>The drying time will vary according to temperature and humidity e.g. the drying times quoted will be significantly longer in cold, damp conditions.</p>
<b>Practical Coverage</b>	A guide to the practical coverage which can be achieved under normal conditions is up to 16m <sup>2</sup> / litre.
<b>Thinning</b>	<p><b>Sealing new or bare surfaces:</b> Add up to 1 part clean water to 10 parts paint.</p> <p><b>Normal use (not to be exceeded):</b> Thinning is not usually required.</p> <p><b>Conventional spray application:</b> Add up to 1 part clean water to 5 parts paint.</p> <p><b>Airless spray application:</b> Thinning is not usually required.</p>

**Spray Recommendations** **Conventional Spray:** Satisfactory through most equipment.

**Airless Spray:** A typical set up for airless spray application would be a minimum working pressure on paint of 133 bars (2000lb/sq in) with a spray tip size 0.38mm (15 thou) and a spray tip angle 65°.

**Cleaning Up** After use, remove as much paint as possible from brushes before cleaning with clean water. Do not use or store in extremes of temperature and protect from frost.

## SURFACE PREPARATION

Surfaces must be clean, dry, free from all defective or poorly adhering material, dirt, grease, wax etc.

Thoroughly rub down previously painted surfaces, using 'wet flattening' methods where possible, then wipe off with a damp, lint free cloth. Avoid the inhalation of dust. Wear a suitable face mask if dry sanding.

Treat knots with **Dulux Trade** Knotting Solution.

New or bare surfaces should be primed with an appropriate **Dulux Trade** primer.

Any surface defects should be filled with the appropriate **Polycell Trade Polyfilla**.

## SYSTEM INFORMATION

**Stir thoroughly before use.**

The normal finishing process is 2 full coats of **Dulux Trade** Diamond Quick Drying Eggshell, but on previously painted surfaces in good condition, where similar colours are used, 1 coat may be sufficient.

When applying water-based paints to surfaces previously decorated with a conventional solvent-based paint, very thorough surface preparation will be necessary.

As with other water-based paints, do not use when the temperature is below 10°C.

## SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

### WATER-BASED PAINT

Ensure good ventilation during application and drying.

Do not breathe spray. When applying by spray inside, wearing a cartridge mask of Assigned Protection Factor 40 x OEL for particulates is recommended.

Avoid contact with skin and eyes. When painting it is advisable to wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water or a proprietary skin cleanser. Do not use solvent, thinners or white spirit.

Keep out of the reach of children. Do not use or store by hanging on a hook. Do not empty into drains or watercourses.

Avoid the inhalation of dust. Wear a suitable face mask if dry sanding.

Safety data sheet available for professional user on request. This includes waste hazard categories.

Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead. For further advice contact:

ICI Paints Technical Group, at:  
ICI Paints, Wexham Road, Slough  
SL2 5DS.

Tel: 0870 242 1100

EU limit value for this product (cat. : A/a) : 75g/l (2007)

This product contains max. 70 g/l VOC

See [www.duluxtrade.co.uk](http://www.duluxtrade.co.uk)

VOC Content Low 0.30% - 7.99%. VOCs. (Volatile Organic Compounds) contribute to atmospheric pollution.

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