

# **Dulux TRADE**

## **DIAMOND GLAZE FROM DULUX TRADE**

Issued March 2007

**616**

### PRODUCT INFORMATION

<b>Typical Use</b>	<p><b>Diamond Glaze</b> from <b>Dulux Trade</b> is a water-based maximum durability interior clear wood varnish. It is a simple one pack system and is ideal for use on wooden floors and other high wear interior wood surfaces. It is up to ten times tougher than conventional varnish* and is resistant to common chemicals, alcohol and hot water. Suitable for use over cork tiles, hardboard and chipboard etc.</p> <p>*10 times tougher than conventional varnish, based on tests undertaken with the use of R.E.L. testing equipment.</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>Composition (nominal)</b>	<p><b>Pigment:</b> Inert matting agents.</p> <p><b>Binder:</b> Acrylic - urethane copolymer emulsion.</p> <p><b>Solvent:</b> Water.</p>
<b>Volume Solids</b>	Typical 32% (nominal).
<b>Thinning</b>	Do not thin this product.
<b>Application Method</b>	Brush (a nylon polyester brush will give best results) or roller only. Do not spray.
<b>Drying Times</b>	<p><i>Single coat at standard thickness:</i></p> <p><b>Touch Dry:</b> 1-2 hours (faster on absorbent surfaces).</p> <p><b>Recoat:</b> 2-4 hours.</p> <p>Drying time will vary according to temperature and humidity i.e. the drying times quoted will be significantly longer in cold, damp conditions.</p>
<b>Practical Coverage</b>	<p>Application will depend on the type and condition of the surface. Typical figures which can be achieved are:</p> <p><b>Bare wood:</b> 12-20m<sup>2</sup> per litre.</p> <p><b>Previously coated wood:</b> 20-25m<sup>2</sup> per litre.</p>
<b>Cleaning Up</b>	<p>Clean equipment by scraping excess varnish back into the can, then clean with water. Wipe surplus product from rim of can before reapplying lid. Replace the lid firmly on the can and shake to ensure an airtight seal then store safely for future use.</p> <p>Do not use or store in extremes of temperature and protect from frost.</p>

### HOW TO USE

Stir thoroughly before use taking care not to use a whipping motion, which will introduce air and cause foaming when applied.

#### **General:**

All traces of grease, wax and polish must be completely removed. See **Diamond Glaze** from **Dulux Trade** leaflets for further information. **Diamond Glaze** from **Dulux Trade** is not suitable for use on laminated floors.

#### **New or bare wood:**

Sand the surface in the direction of the grain to remove any imperfections etc. and remove residues with a damp lint free cloth. Avoid the inhalation of dust. Wear a suitable face mask if dry sanding. Seal all new or bare wood by applying one coat of Clear Gloss **Diamond Glaze** from **Dulux Trade**, to help reduce variations in absorbency which can lead to differences in colour and sheen. Wood dyes may be used prior to applying **Diamond Glaze** from **Dulux Trade**. It is recommended that a water-based dye such as **Dulux Trade** Quick Drying Wood Dye be used.

#### **Coated surfaces in good condition:**

Sand back to provide a good surface key and to give a uniform appearance. Do not use wood dyes or stains over previous coatings as the adhesion will be poor.

#### **Coated surfaces in poor condition:**

Where the existing coating is defective it must be completely removed and the surface prepared as described for new or bare wood above.

### Making good:

Make good where necessary using a suitable tinted stopper.

### Floor Sanding:

To achieve an even appearance, prepare the floor by using an industrial drum sander and edge sander (available from a local hire shop). Always sand in the direction of the grain.

A belt sander or orbital sander can be used for smaller areas. Remove all dust from floor and surrounding areas using suitable vacuum equipment.

**How to use:** Apply 2 or 3 coats of **Diamond Glaze** from **Dulux Trade** using either a brush or short pile mohair roller. Apply evenly and consistently, taking care to keep the 'wet edge' alive and finish off along the grain. It is advisable to apply a small test area first. When recoating allow at least 2 hours between coats. Rub down lightly along the grain between coats using a fine grade abrasive paper and dust off. Before using coloured **Diamond Glaze** from **Dulux Trade** on base wood, pre-seal with a coat of **Diamond Glaze** from **Dulux Trade** Clear Gloss to minimise colour absorption differences.

Apply 1-2 coats of coloured **Diamond Glaze** from **Dulux Trade** to achieve the desired depth of colour. For further protection, without deepening the colour, a finishing coat of **Diamond Glaze** from **Dulux Trade** Clear Gloss or Satin may be applied. After use, remove as much **Diamond Glaze** from **Dulux Trade** as possible from equipment before cleaning with water.

Do not use below 10°C or in areas of high humidity or condensation. Very hot objects such as bottles, coffee pots etc. should not be placed directly on top of **Diamond Glaze** from **Dulux Trade** coated surfaces.

Surfaces should be protected from water, steam, spillages and hard stress (e.g. abrasion or polishing) for a minimum of 5 days after application. With careful occupation, light foot traffic is possible after 24 hours. Carpets and rugs should not be placed on the floor for a minimum of 7 days.

## SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

### WATER-BASED VARNISH

Ensure good ventilation during application and drying.

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.

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

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

Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead. For a free leaflet explaining how the surface should be prepared safely contact ICI Paints

Technical Group, at ICI Paints, Wexham Road, Slough

SL2 5DS.

Tel: 0870 242 1100 (national call rates apply)

EU limit value for this product (cat A/i) : 140g/l (2007) / 140g/l (2010)

This product contains max. 129g/l VOC

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

VOC Content Medium 8% - 24.99%. VOCs (Volatile Organic Compounds) contribute to atmospheric pollution.

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