



# Dulux TRADE

## DULUX TRADE DIAMOND SATINWOOD

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# 521

### PRODUCT INFORMATION

<b>Typical Use</b>	<p><b>Dulux Trade</b> Diamond Satinwood is a tough, water based satin finish that uses <b>Diamond Technology</b> from <b>Dulux Trade</b> to give it 10 times the durability of many solvent-based satin finishes. This tough, hard-wearing product can be used direct to suitably prepared surfaces as no undercoat is required (except in areas where a strong colour change is required). Suitable for interior use on wood and metal trim surfaces.</p> <p>Before preparing any surface for painting, read the Health, Safety &amp; Environmental information on page 2 about old lead-based paints.</p>
<b>Codes according to the List of Wastes Regulations</b>	<p>Product as supplied: Assigned as non-hazardous waste code 08 01 12 waste paint and varnish other than those mentioned in 08 01 11.</p> <p>Part-used containers, containing dried residues of the supplied product: Assigned as non-hazardous waste code 08 01 12 waste paint and varnish other than those mentioned in 08 01 11</p> <p>Used containers, rigorously scraped out and containing dried residues of the supplied product: Assigned as non-hazardous waste code 15 01 02 plastic packaging OR non-hazardous waste code 15 01 04 metal packaging.</p> <p>"Rigorously scraped out" means removing the maximum amount of product from the container by physical or mechanical means (draining or scraping) to leave a residue or contamination that cannot be removed by such means.</p> <p>These codes have been assigned based on the actual composition of the product both as supplied and as dried residues. If mixed with other wastes, the waste codes quoted may not be applicable.</p>
<b>Pack Size</b>	1, 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> Resistant to mild chemical fume attack but where there is actual contact with chemicals, specialist paint systems may be required. (contact ICI Paints/AkzoNobel Technical Group).</p> <p><b>Heat Resistance:</b> Generally resistant to heat up to 90°C, but some discolouration of light colours may occur at elevated temperatures.</p> <p><b>Water Resistance:</b> Resistant to the levels of atmospheric humidity present in normal interior environments and will withstand repeated washing. Not suitable for use on immersed surfaces or where there is very heavy and prolonged condensation. Suitable for use in normal kitchen and bathroom situations.</p>
<b>Composition (nominal)</b>	<p><b>Pigment:</b> Lightfast Non-Lead Pigments.</p> <p><b>Binder:</b> Modified acrylic copolymer.</p> <p><b>Solvent:</b> Water.</p>
<b>Volume Solids</b>	White 40% (nominal), other colours will vary.
<b>Application Method</b>	Brush, roller or spray.
<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> 6 hours.</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> Add up to 1 part clean water to 10 parts paint.</p> <p><b>Conventional spray application:</b> Add up to 1 part clean water to 2.5 parts paint.</p> <p><b>Airless spray application:</b> Add up to 1 part clean water to 5 parts paint.</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.

Treat knots with an appropriate knotting solution.

When painting new and bare wood apply one thinned coat of **Dulux Trade** Quick Drying Wood Primer Undercoat.

Prime all bare metal with an appropriate **Dulux Trade** metal primer.

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

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

### SYSTEM INFORMATION

**Stir thoroughly before use.**

Apply 1 or 2 coats of **Dulux Trade** Diamond Satinwood. Where a strong colour change is involved, 2 coats will be required. Newly painted doors and windows should not be closed (tightly) until the paint is fully dry.

### HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

#### WATER-BASED PAINT

Ensure good ventilation during application and drying.

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

Avoid contact with skin and eyes.

When applying 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.

If swallowed, seek medical advice immediately and show this container or label.

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.

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 further advice contact ICI Paints Technical Group, at ICI Paints/AkzoNobel, Wexham Road, Slough SL2 5DS.

Tel: 08444 817 818

EU limit value for this product (cat. : A/d) : 150 g/l (2007)/130 g/l (2010)

This product contains max. 75 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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