

## DIAMOND SATINWOOD

**Dulux Trade** Diamond Satinwood is a tough and durable satin finish that provides excellent protection from scratches, stains and grease.

The water-based formulation is designed to be used in high traffic areas, such as corridors, stairways and access areas, while having the added benefit of being quick drying and low odour. With professional aesthetics finish and a non-yellowing water-based technology, it has never been so easy to switch to water-based paints.

### Accreditations

BREEAM Compliant	LEED Compliant	WELL Compliant	EPD Available
✓	✓	✓	✓

This product has been independently tested by Eurofins, following the Indoor Air Comfort Gold test which is based on ISO 16000 / EN 16516, for Formaldehyde, Total Volatile Organic Compounds (TVOCs) and Carcinogens. It is BREEAM NC 2018 & LEED v4.1 compliant and contributes toward satisfying Feature X06 (VOC restrictions) under the WELL Building Standard®. For further information please visit the 'Datasheets and Documents' section of the specific product page at [duluxtrade.co.uk](http://duluxtrade.co.uk)

### KEY BENEFITS

- Tough, Durable, Non-Yellowing
- Suitable for High Traffic Areas
- Stain and Grease Resistant
- Advanced Water-Based Technology
- Quick Drying
- Low Odour

### PRODUCT INFORMATION

#### Typical Use

Suitable for on interior wood and metal surfaces.

#### Pack Size

1L, 2.5L and 5L.

#### Colour Range

See appropriate **Dulux Trade** colour literature or visit [duluxtrade.co.uk](http://duluxtrade.co.uk).

#### Film Properties

**Chemical Resistance:** Resistant to mild chemical fume attack, but where there is actual contact with chemicals, specialist paint systems may be required (contact the **AkzoNobel** Technical Advice Centre).

**Heat Resistance:** Generally resistant to heat up to 90°C, but some discolouration of light colours may occur at elevated temperatures.

**Water Resistance:** Resistant to the levels of atmospheric humidity present in normal interior environments and will withstand repeated washing. Not suitable for immersed surfaces or where there is very heavy and prolonged condensation. Suitable for use in normal kitchen and bathroom situations.

#### Film Properties

*Film thickness will be dependent on the coverage achieved and colour used.*

**Wet:** 83 microns.

**Dry:** 28 microns.

#### Composition (nominal)

**Pigment:** Lightfast pigments.

**Binder:** Acrylic dispersion.

**Solvent:** Water.

#### Volume Solids

White - 37% (nominal), other colours will vary.

### SURFACE PREPARATION

To get the best results, ensure surfaces to be painted are sound, clean and dry.

Water-borne coatings can be sensitive to rubber containing plasticisers such as flexible PVC strips. The paint film may partially dissolve due to these

## DIAMOND SATINWOOD

plasticisers and become sticky. It is advisable to replace such flexible strips with those made of EPDM rubber. We recommend that you seek the advice of the manufacturers of the strips regarding this problem.

Thoroughly rub down previously painted surfaces, using 'wet flattening' methods where possible, then wipe off with a damp, lint free cloth. Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead.

Treat knots with an appropriate knotting solution. Any surface defects should be filled with the appropriated **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.

### SYSTEMS INFORMATION

STIR THOROUGHLY BEFORE USE. The normal finishing process is 2 full coats of **Dulux Trade Diamond Satinwood**. Where a strong colour change is involved then a coat of **Dulux Trade Quick Dry Undercoat** may be required.

### APPLICATION METHOD

Apply by brush, roller or HVLP spray. For best results use a good quality synthetic (nylon polyester) brush or a short pile synthetic/mohair roller designed for the application of water-based paints.

To get the best results with the **Dulux Trade Diamond Satinwood**, lightly dampen both a synthetic brush and the surface before application to increase flow out.

As with other water-based paints, do not apply at temperatures below 8°C (as recommended by British Standards BS 6150).

### Practical Coverage

A guide to the practical coverage which can be achieved is up to 12m<sup>2</sup> per litre.

### Thinning

Thinning is not usually necessary, but if required add up to 1 part clean water to 20 parts paint.

**Airless spray application:** No thinning required.

**HVLP spray application:** Add up to 1 part clean water to 4 parts paint.

### Spray Recommendations

Most suitable for HVLP spray application using a minimum 3 stage unit. A typical setting is a 1.8mm spray tip (equivalent #4 fluid set) and a maximum of 20% thinning. All recommendations are approximate as all settings will be affected by equipment/manufacture, substrate type/size and temperature/humidity and therefore should only be used as a guideline.

Spray application should only be carried out when using appropriate PPE.

### Drying Times

*Single coat at standard thickness:*

**Touch Dry:** Dependent on temperature and humidity.

**Recoat:** 6 hours

### Responsible Cleaning

**Cleaning After Final Use:** Cleaning your brushes and rollers immediately after their final use ensures they can be reused for multiple projects, saving you money and reducing waste.

#### **Cleaning:**

1. **Remove Excess Paint:** Scrape off excess paint into container for future projects.
2. **Clean with Warm, Soapy Water:** Use warm, soapy water in a sealed container, such as a bucket or empty tub, to clean your brushes and rollers.
3. **Rinse Thoroughly:** Ensure all soap and paint residues are completely rinsed out into container.
4. **Dry Naturally:** Allow brushes and rollers to dry naturally and store them in a dry, dust-free place.
5. **Allowing solids to settle:** Allow the paint solids to settle at the bottom of the container. Once settled, pour the clear water into another container for reuse or disposal.
6. **Responsible Disposal:** Let the remaining paint solids dry out completely and dispose of them as solid waste.

### ***Do not flush paint down the drain, including when cleaning painting tools***

For professional cleaning tips, check out this video created in partnership with the British Coatings Federation and Dulux Connect contractor Bagnall's: <https://coatings.org.uk/general/custom.asp?page=HowToCleanPaintbrushes>



Issued 08/25

1006

## DIAMOND SATINWOOD

If you have leftover paint, please dispose of it responsibly and consider donating it to **Community RePaint**. Find out more at [duluxtrade.co.uk/sustainability](https://duluxtrade.co.uk/sustainability)

### Transportation & Storage

Do not use or store in extremes of temperature and protect from frost. To prevent spillage, please store and transport upright.

### VOC

EU limit value for this product (cat.: A/d): 130g/l (2010). This product contains max. 79g/l VOC. VOC Content: Low (0.30-7.99%)

### FURTHER SUPPORT

If you need further support, please contact the **AkzoNobel** Technical Advice Centre on [0333 222 70 70](tel:03332227070).

***Always read full Health, Safety & Environmental Information on can before use.***

Safety datasheet is available free on request by telephoning the **AkzoNobel** Technical Advice Centre or by visiting [duluxtrade.co.uk](https://duluxtrade.co.uk).

AkzoNobel, the AkzoNobel logo, the Flourish logo, Dulux Trade, Polycell, Polyfilla and Community RePaint are trademarks of the AkzoNobel group. © AkzoNobel 2023.