



# WOOD FINISHES DIRECT

The following Technical Datasheet is provided by **Dulux Trade**

Wood Finishes Direct cannot be held liable for the information contained within this document.

For purchasing information visit:  
[Dulux Trade Sterishield Diamond Eggshell](#)

# STERISHIELD DIAMOND EGGSHELL

**Sterishield** Diamond Eggshell from **Dulux Trade** is a quick drying, water-based coating containing an in-film bactericide, which inhibits bacteria and reduces populations of MRSA and E. coli. When combined with appropriate cleaning practices, **Sterishield** Diamond Eggshell from **Dulux Trade** helps to promote a more hygienic environment. It is a tough, washable, durable, mid-sheen emulsion and is suitable for all normal interior wall and ceiling surfaces. **Sterishield** Diamond Eggshell from **Dulux Trade** is not a substitute for good hygiene practice.

## KEY BENEFITS

- Anti-Bacterial
- Tough, Scrubbable & Stain Resistant
- Contains an Active Silver Bactericide

## PRODUCT INFORMATION

### Typical Use

Suitable for use on normal interior wall and ceiling surfaces.

### Pack Size

5L.

### Colour Range

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

### Film Properties

**Chemical Resistance:** Not suitable.

**Heat Resistance:** Not suitable for heated surfaces such as radiators.

**Water Resistance:** Will tolerate the levels of atmospheric humidity present in normal interior environments and will withstand moderate washing.

### Composition (nominal)

**Pigment:** Lightfast Pigments.

**Binder:** Acrylic Copolymer Emulsion.

**Solvent:** Water.

### Volume Solids

White: 38% (nominal). Other colours will vary.

## SURFACE PREPARATION

To get the best results, ensure surfaces to be painted are sound, clean and dry (new surfaces particularly must be fully dry).

Remove all loose and defective paint. Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead.

Where necessary, wash the surface to remove dirt grease and powdery or dusty residues. Rinse with clean water and allow to dry. Seal surfaces that remain powdery after thorough preparation with an appropriate plaster sealer. Where necessary, rub down and then wipe off with a damp, lint free cloth to avoid dust. Any surface defects should be filled with the appropriate **Polycell Trade Polyfilla**.

## SYSTEMS INFORMATION

STIR THOROUGHLY BEFORE USE. Seal new or bare surfaces with a thinned first coat of **Sterishield** Diamond Eggshell from **Dulux Trade** (up to 1 part clean water to 10 parts paint). The normal finishing process is 2 coats of **Sterishield** Diamond Eggshell from **Dulux Trade**, but on previously painted surfaces in good condition, where similar colours are used, 1 coat may be sufficient.

For best colour consistency, purchase sufficient tinted paint for each job including touch-in at one time from the same source.

## APPLICATION METHOD

Brush, roller, airless spray or conventional spray.

As with other water-based paints, do not use when the temperature is below 8°C (as recommended by British Standard BS6150).

### Practical Coverage

A guide to the practical coverage which can be achieved under normal conditions is up to 16m<sup>2</sup> per litre.

### Thinning

**Sealing new or bare surfaces:** Add up to 1 part clean water to 10 parts paint.



# STERISHIELD DIAMOND EGGSHELL

520

**Normal use (not to be exceeded):** Add up to 1 part clean water to 10 parts paint.

**Conventional spray application:** Add up to 1 part clean water to 2.5 parts paint.

**Airless spray application:** Add up to 1 part clean water to 5 parts paint.

## 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 (2000 lb/sq in) with a spray tip size of 0.38mm (15 thou) and a spray tip angle of 65°.

## Drying Times

*Single coat at standard thickness:*

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

**Recoat:** 2-4 hours.

## Cleaning Up

After use, remove as much product as possible from equipment before cleaning with water.

When this paint container is empty please ask your stockist about recycling. If you have leftover paint, please dispose of it responsibly and consider donating it to **Community RePaint**. Find out more at [duluxtrade.co.uk/pp](http://duluxtrade.co.uk/pp).

## 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/a): 30g/l (2010).

**Ready mixed:** This product contains max. 20g/l VOC. VOC content: Low (0.30-7.99%).

**Tinted colour:** This product contains max. 25g/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 (SDS 520) is available free on request by telephoning the **AkzoNobel** Technical Advice Centre or by visiting [duluxtrade.co.uk](http://duluxtrade.co.uk).

AkzoNobel, the AkzoNobel logo, the Flourish logo, Dulux Trade, Sterishield, Polycell, Polyfilla, Community RePaint and the Planet Possible logo are trademarks of the AkzoNobel group. © AkzoNobel 2014.



At Dulux Trade, we believe by working with our customers we can reduce waste and do more with the resources we have. Together we can create a better future for our planet. Join us at [duluxtrade.co.uk/pp](http://duluxtrade.co.uk/pp)

**AkzoNobel**