



DIAMOND HIGH PERFORMANCE EGGSHELL

Dulux Trade Diamond High Performance Eggshell is a very tough and flexible water-based eggshell finish that uses enhanced **Diamond Technology** from **Dulux Trade**. It uses a tough and flexible cross-linking binder which gives superior durability when compared to standard **Dulux Trade** Diamond Eggshell, making it 5 times tougher and 43% more scuff resistant. This extra-tough product can be used directly on suitably prepared surfaces and is ideal for super high traffic areas.

KEY BENEFITS

- Super Scuff Resistant
- 5 X Tougher than Diamond Eggshell
- Repeatably Scrubbable Eggshell Finish

PRODUCT INFORMATION

Typical Use

Suitable for interior use on plaster and masonry in areas of high traffic. Do not use externally.

Pack Size

5L.

Colour Range

See appropriate **Dulux Trade** colour literature or visit duluxtrade.co.uk.

Film Properties

Chemical Resistance: Not suitable.

Heat Resistance: Not suitable for use on heated surfaces, such as radiators.

Water Resistance: 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.

Film Thickness

Film thickness will be dependent on the coverage achieved.

Wet: 63 microns.

Dry: 25 microns.

Composition (nominal)

Pigment: Lightfast Pigments.

Binder: Acrylic Copolymer Dispersion.

Solvent: Water.

Volume Solids

White – 41% (nominal). Other colours will vary.

SURFACE PREPARATION

Make sure surfaces to be painted are sound, clean and 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 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.



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

SYSTEMS INFORMATION

STIR THOROUGHLY BEFORE USE. Seal new, bare or porous surfaces with a thinned first coat of **Dulux Trade Diamond High Performance Eggshell** (up to 1 part clean water to 10 parts paint). The normal finishing process is 2 full coats of **Dulux Trade Diamond High Performance 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.

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, conventional spray or airless spray.

Do not apply in temperatures below 10°C.

Practical Coverage

A guide to the practical coverage which can be achieved under normal conditions is up to 16m² per litre.

Thinning

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

Normal use (not to be exceeded): Thinning is not usually required.

Conventional spray application: Thinning will be required.

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 would be a minimum working pressure on paint of 172 bars (2500lb/sq in) with a spray tip size 0.43-0.48mm (17-19 thou) and a spray tip angle of 65°.

Drying Times

Single coat at standard thickness:

Touch Dry: Dependent on temperature and humidity.

Recoat: 4-6 hours, although will vary according to temperature and humidity (e.g. will take significantly longer in cold, damp conditions).

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.

Cleaning Recommendations for Painted

Surface: Common stains can be removed by cleaning promptly with a soft cloth and clean



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soapy water. Allow to dry. Vigorous scrubbing and the use of abrasive cleaners or scourers may impair the finish. Only apply enough pressure to remove marks. Oil-based stains and marks from some pens/felt tips/permanent markers may not be completely removed. Full durability will develop 7 days after initial application.

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). This product contains max. 30g/l VOC. VOC Content: Low (0.30-7.99%).

Transportation & Storage

FURTHER SUPPORT

If you need further support, please contact the **AkzoNobel** Technical Advice Centre on 0333 222 70 70.

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

Safety datasheet (SDS 545) is available free on request by telephoning the **AkzoNobel** Technical Advice Centre or by visiting duluxtrade.co.uk.

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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