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AIRSURE DIAMOND MATT

Dulux Trade Airsure Diamond Matt is a tough and cleanable emulsion with a smooth, even matt finish. It is 99.9% VOC Free*, to minimise the impact on indoor air quality**. It's perfect for busy environments that require frequent cleaning as it contains unique Stain Repellent Technology, preventing stains from setting into the surface and making cleaning up easier. It also protects against common scuffs and achieves Class 1 ISO 11998 and Type C BS 7719 scrub ratings, meaning walls withstand daily wear and tear and the finished job looks better for longer.

* Based on in-can VOC content, measured in accordance with ISO 11890-2:2013.

** Independently tested for emissions, including formaldehyde, TVOC, TSVOC and Cat 1A & 1B carcinogens. See VOC section for more detail

KEY BENEFITS

- 99.9% VOC Free*, to minimise the impact on indoor air quality**
- Contains scrub, scuff and stain resistant technology
- Repeatedly cleanable, perfect for high traffic areas
- BREEAM NC 18 & LEED V4.1 compliant, and contributes toward satisfying Feature XO6 (VOC restrictions) under the WELL Building Standard®

PRODUCT INFORMATION

Typical Use

Suitable for interior use on all normal interior wall and ceiling surfaces, especially those subject to high traffic. When overcoating areas previously painted with solvent-based paints, a first coat of **Dulux Trade Diamond Eggshell** should be used.

Pack Size

Colours; 5L

Pure Brilliant White & RAL9010; 10L

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.

Composition (nominal)

Pigment: Lightfast Pigments.

Binder: Acrylic Copolymer Emulsion.

Solvent: Water.

Volume Solids

White – 45% (nominal). Other colours will vary.

SURFACE PREPARATION

To get the best results with **Dulux Trade Airsure Diamond Matt**, make sure surfaces to be painted are sound, clean, dry (new surfaces particularly must be fully dry).

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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 with a coat of **Dulux Trade Dry Wall Primer Sealer** (whites and light colours) or for deep and bright special process colours a thinned first coat of **Sikkens Alphatex SF Mat** (up to 1 part clean water to 5 parts paint) in an appropriate shade. The normal finishing process is 2 coats of **Dulux Trade Airsure Diamond Matt**, however for significant colour change additional coats may be required.

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 or airless spray.

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

To minimise picture framing or patchy finishes, we strongly recommend stirring the paint thoroughly

prior to use. If thinned, the paint used for cutting-in and for rolling should be to the same ratio. Cut in one wall at a time, then rolling immediately afterwards, not allowing the cutting-in to dry prior to rolling. Cut in no more than 5 to 8cm away from any internal angles, including sockets/switches, skirting, architraves, etc. Roll into the cutting-in, ensuring you roll as close to the edge as possible.

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.

Airless spray application: Add up to 1 part clean water to 9 parts paint.

Spray Recommendations

Airless Spray:

Pressure: approx. 2200 - 2500 psi

Tip size: 517

The above settings are an indication only. To get the best results, it is advised to tune the settings to suit the site conditions and should be assessed by means of a test area. For more complex surfaces/areas, the use of a Low Pressure or Fine Finish tip should be considered.



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Drying Times

Single coat at standard thickness:

Touch Dry: Dependent on temperature and humidity.

Recoat: 4-6 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 www.duluxtradepaintexpert.co.uk/products/sustainability.

Cleaning Recommendations for Painted

Surface: Common stains can be removed by cleaning promptly with a soft cloth and clean soapy water. Allow to dry. Vigorous scrubbing and the use of abrasive cleaners or scourers may impair the matt finish. Only apply enough pressure to remove marks. Some oil-based stains and marks from some pens/felt tips/permanent markers may not be completely removed. Full durability develops 7 days after initial application. For information about removing specific stains, please phone the **AkzoNobel** Technical Advice Centre on [0333 222 70 70](tel:03332227070).

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. 0.5g/l VOC. VOC content: Minimal (0-0.29%).

Tinted Colour: This product contains max. 0.5g/l VOC. VOC content: Minimal (0-0.29%).

Emissions:

This product is considered "Low" for emissions, and has been independently tested by Eurofins, following the **Indoor Air Comfort Gold** test which is based on ISO 16000 / EN 16402, 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®. Please ask for further details.

Carbon Footprint:

An EPD (Environmental Product Declaration) is also available for this product. Please visit the 'Datasheets and Documents' section of the specific product page at duluxtrade.co.uk



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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 is available free on request by telephoning the **AkzoNobel** Technical Advice Centre or by visiting duluxtrade.co.uk.

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