Issued 08/25

CLADSHIELD

Dulux Trade Cladshield offers exterior durability and protection for Plastisol coated and coil cladded buildings. The unique properties provide a tough and durable paint film that is suitable for application over previously painted and weathered cladding.

KEY BENEFITS

- 8 Year Protection
- For Previously Painted or Weathered Cladding
- Highly Durable

PRODUCT INFORMATION

Typical Use

For use on previously painted and weathered cladding.

Pack Size

5L.

Colour Range

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

Film Thickness

Film thickness will be dependent on the coverage achieved.
Wet: 60 microns.
Dry: 25 microns.

Composition (nominal)

Pigment: Lightfast Pigments.
Binder: Acrylic Copolymer.
Solvent: Water.

Volume Solids

42% (nominal).

SURFACE PREPARATION

Minimum Surface Preparation: Thoroughly clean the surface to remove dirt, grease and chalk. High pressure water jet or scrubbing manually are not recommended when re-coating existing **Dulux Trade Cladshield** coatings. Treat any areas affected by mould, lichens and algae with **Dulux Trade Weathershield** fungicidal wash.

Remove any poorly adhering or defective Plastisol and PVF2 coatings and manually or mechanically prepare bare surfaces to remove all contamination and corrosion. Any bare metal must be primed with a suitable **Dulux Trade Metalshield** Primer. Special precautions should be taken during surface preparation of pre-1990s paint surfaces over wood and metal as they may contain harmful lead.

SYSTEMS INFORMATION

STIR THOROUGHLY BEFORE USE. The normal finishing process is a minimum of 2 coats of **Dulux Trade Cladshield**. Where strong colours are used, additional coats will 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, and airless spray.

Do not use in extremes of temperature (below 10ºC) or during rain, fog or relative humidity above 80%.

Practical Coverage

A guide to the practical coverage which can be achieved under normal conditions is up to 17m² coverage per litre.

Thinning

Normal Use (not to be exceeded): Add up to 1 part clean water to 10 parts paint.
Airless spray application: Add up to 1 part clean water to 5 parts paint.

Spray Recommendations

Airless Spray:
For best results use a 517 Low pressure tip with an operating pressure of 1300 – 1700 psi. (89-117 bar).
Alternatively, use a 517 tip with an operating pressure of 2000 – 2400 psi (138-165 bar).

Please note that the above recommendations are intended as a guideline only and some adjustments

may need to be made to accommodate equipment type & age, substrate type and individual site & atmospheric conditions.

Drying Times

Single coat at standard thickness:
Touch Dry: Dependent on temperature and humidity.
Recoat: 4-6 hours.

Please note: **Dulux Trade Cladshield** may require up to 7 days to reach full hardness depending on environmental conditions and colour.

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

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/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) : 130 g/l (2010). This product contains max. 50g/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.

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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