



METALSHIELD ZINC PHOSPHATE PRIMER

Dulux Trade Metalshield Zinc Phosphate Primer is a high performance, high build primer with excellent rust inhibiting performance, suitable for use over hand-cleaned iron and steel as well as blast-cleaned surfaces.

KEY BENEFITS

- 8 Year Protection*
- For Ferrous Metal
- Excellent Corrosion Resistance

*Applying our straightforward, single-pack system - **Dulux Trade Metalshield** Zinc Phosphate Primer + 2 coats of **Dulux Trade Metalshield** Gloss or Satin - will deliver up to 8 years metal protection.

PRODUCT INFORMATION

Typical Use

Suitable for use on interior and exterior use on ferrous metals. Also suitable for use on weathered or pre-treated galvanised steel, and ideal for use in acrylated rubber paint systems.

Pack Size

1L and 5L.

Colour Range

Grey

Film Properties

Chemical Resistance: N/A.

Heat Resistance: Can be used on heated surfaces up to 90°C.

Water Resistance: N/A.

Film Thickness

Film thickness will be dependent on the coverage achieved.

Wet: 115-150 microns.

Dry: 50-65 microns.

Composition (nominal)

Pigment: Zinc Phosphate, Titanium Dioxide, Yellow Oxide and Mineral Extenders.

Binder: Alkyd.

Solvent: Xylene and Aromatic Hydrocarbons.

Volume Solids

43% (nominal).

SURFACE PREPARATION

To get the best results, ensure surfaces to be painted are sound, clean and dry (new surfaces particularly must be fully dry) and free from grease, wax and oil. Use a suitable oil and grease remover to clean the surface if necessary.

Bright new galvanized steel surfaces must be pre-treated with **Dulux Trade** Mordant Solution prior to application of the primer.

Remove all loose or defective paint back to a firm edge. Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead. Remove all loose scale and rust by thorough scraping and wire brushing.

Where necessary or specified, surfaces should be blast cleaned to BS 7079 Part A1: 1989. Sa 2.5 to give an appropriate surface profile.

SYSTEMS INFORMATION

STIR THOROUGHLY BEFORE USE. Apply 1 coat of **Dulux Trade Metalshield** Zinc Phosphate Primer followed by 2 coats of **Dulux Trade Metalshield** Gloss or Satin

APPLICATION METHOD

Brush or roller only. For Health & Safety reasons related to all solvent-based paints, spray application is not recommended.

As with all solvent based paints, do not apply at temperatures below 5°C (as recommended by British Standard BS 6150).

Practical Coverage

A guide to the practical coverage which can be achieved under normal conditions is up to 7m² per litre when applied at a dry film thickness of 65 microns.



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511

Spray Recommendations

This product should not be sprayed.

Drying Times

Single coat at standard thickness:

Touch Dry: 2-3 hours.

Recoat: 7 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. **Use Paint Thinner:** Use a paint thinner to clean brushes and rollers.
3. **Reuse Paint Thinner:** Allow the paint solids to settle and reuse the thinner by pouring the clear liquid into another container.

4. **Responsible Disposal:** Dispose of the remaining solids and used thinner at a hazardous waste facility. Do not pour any solvent-based paint, paint thinner or wash water down the drain or onto the ground.

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

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/i): 500g/l (2010). This product contains max. 460g/l VOC. VOC content: High (25-50%).

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

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