



Issued 02/14

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METALSHIELD ZINC PHOSPHATE PRIMER

Metalshield Zinc Phosphate Primer from **Dulux Trade** 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.

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

KEY BENEFITS

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

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

Buff.

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.



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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 **Metalshield** Zinc Phosphate Primer from **Dulux Trade** followed by 2 coats of **Metalshield** Gloss or Satin from **Dulux Trade**.

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.

FURTHER SUPPORT

If you need further support, please contact the **AkzoNobel** Technical Advice Centre on [0333 222 70 70](tel:0333 222 70 70).

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.

Spray Recommendations

This product should not be sprayed.

Drying Times

Single coat at standard thickness:

Touch Dry: 2-3 hours.

Recoat: 3 hours.

Cleaning Up

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

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.

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. 475g/l VOC. VOC content: High (25-50%).



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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

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