



Product Data Sheet

Product Name:

Guard General Industrial Primer

Description:

High-build zinc phosphate primer, based on modified alkyd resin.

- Good anticorrosive properties under atmospheric conditions.
- Fast-drying.
- Fast-handling.
- Recoatable with most one and two-component coatings.
- Suitable for atmospheric exposure conditions.
- Lead and chromate free.
- Can be specified as a single coat, direct-to-metal system

Uses:

Principally intended for prepared mild steel substrates, ferrous and suitably prepared non-ferrous metal substrates

Product Information:

Colours	Off-white, Black, Red oxide & Grey
Pack Sizes	5 Litre, 20 Litre
Thinner	Guard Solvent A
Theoretical Spreading Rate	7.3 m ² /l for 75 µm
Volume Solids	55%(+/-2%)
Dry Film Thickness (DFT)	50-75µm
Mass Density	1.5kg/l (12.5lb/US gal)
Flash Point	29.3°C
VOC Content	Directive 1999/13/EC, SED: max. 258.0 g/kg UK PG 6/23(92) Appendix 3: max. 382.0 g/l (approx. 3.2 lb/US gal)

Surface Preparation:

Substrate conditions

- Steel; blast cleaned to ISO-Sa2½.
- Steel; power tool cleaned to min. ISO-St2.
- Shop primed steel; sweep blasted or power tool cleaned to SPSS-Ss or SPSS-Pt2.

Substrate temperature

- Substrate temperature during application and curing should be above 5°C (41°F).
- Substrate temperature during application and curing should be at least 3°C (5°F) above dew point.



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Instructions:

- Stir well before use.
- The temperature of the paint should preferably be above 15°C (59°F), otherwise extra thinner may be required to obtain application viscosity.
- Adding too much thinner results in reduced sag resistance.
- Adequate ventilation must be maintained during application and curing.

Application:

Brush	Yes
Roller	Yes
Airless Spray	Yes
Conventional Spray	Yes

Conventional Spray

- 5-10% Thinner, depending on required thickness and application conditions.
- 1.8-2.0mm nozzle orifice.
- 0.4 Mpa nozzle pressure.

Airless Spray

- 0-5% thinner, depending on required thickness and application conditions.
- 0.38-0.48 mm nozzle orifice.
- 12.0-16.0 Mpa nozzle pressure.

Brush/Roller

- Recommended thinner - Guard Solvent F.
- 0-2% thinner.

Drying Times:

Please note drying times are based on temperature at 20°C.

Touch Dry	15 minutes
Recoatable	45 minutes minimum

Storage:

When stored unopened in a dry place at temperatures above 5°C, shelf life is 24 months from the date of manufacture. Once painting has been completed ensure as much product is removed as possible from the application tool and then clean immediately using an appropriate xylene compatible cleaning solvent. If there is any leftover paint, ensure that the tin is closed by replacing the lid firmly and securely and store in a safe place away from heat and flames. To avoid the risk of spillage, always store and transport in a secure upright position.



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Precautions:

Materials are both hazardous and flammable and therefore precaution measures should be taken and appropriate P.P.E worn in accordance with the Material Safety Data Sheets and regulations.

Health & Safety:

Please view the product Health & Safety Sheet for information in relation to hazardous identification, first aid measures, fire fighting, accidental release, handling, exposure control, personal protective equipment (P.P.E), disposal and regulatory information.

Additional Info:

The above information should be used as a guide only and is not a guarantee or warranty. New Guard Holdings and our supply partners and manufacturers have provided this information in good faith and is to the best of our knowledge correct at the time of print. 'Guard' is a brand owned by New Guard Coatings Group, but this does not imply the manufacture of such product.

Review:

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All our documents are reviewed at least annually and in-line with legislation.

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