

# Product Data Sheet



A New Guard Coatings Group company

**Product Name:** ACE 4

**Description:** Quick-drying, short oil modified alkyd resin with carefully selected pigments. Semi-gloss finish.

**Uses:** High quality, general purpose range of one coat industrial anti-corrosive semi-gloss finish for steel.  
Good all round durable paint film with good exterior durability. For use on industrial machinery, metal fabrications, castings, and a wide range of engineering components etc.  
Good resistance to most hot and cold oils and common acids and alkalis.

**Product Information:**

Colours	RAL, BS, others on request.
Pack Sizes	5 Litres, 20 Litres
Thinner	Solvent X
Theoretical Spreading Rate	5m <sup>2</sup> per litre (approx)
Volume Solids	43% (+/-2%)
Dry Film Thickness (DFT)	80µm
Wet Film Thickness (WFT)	190µm
Flash Point	23°-32°C
VOC Content	520-585gms/litre

**Surface Preparation:** Ensure surfaces are clean, dry and free from grease and other contamination before coating. Thoroughly degrease and where applicable, abrade to remove rust and promote good adhesion of the coating. Complex structures may be more effectively cleaned by detergent pressure washing or steam cleaning. For optimum corrosion protection, mild steel should be blast cleaned to ISO Sa2.5.  
Over previously painted surfaces first test a small area to ensure compatibility.

**Mixing Instructions:** It is essential that the material is thoroughly mixed before use.

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## Application:

In order to achieve the recommended dft, additional coats may be required depending on the equipment used, spraying techniques and substrate profile.

Brush	Yes (Touch-up only)
Roller	Yes (Touch up only)
Airless Spray	Yes (tip size 11-13 thou)
Conventional Spray	Thin as necessary with Guard standard thinners.

## Drying Times:

Touch Dry	20 minutes
Recoatable	12 hours
Hard Dry	10 hours

## Storage:

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 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 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.

## 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 Holdings, but this does not imply the manufacture of such product.

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## Review:

Ref: ACE 4   Review Status: 1  
Last Update: February 2019  
All our documents are reviewed at least annually and in-line with legislation.

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