



New Guard Coatings Group

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The information herewith is given with the best of New Guard Coatings Group knowledge.

Rights are reserved to change and update the data without notice.

This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

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Guard ELC

Technical Data Sheet

Product Description:

Water based one component anti-corrosion coating. Acrylic coating with elastomeric properties providing excellent corrosion protection.

Typical Uses:

This coating can be used as a primer and/or finishing coat on many substrates including roofing, cladding, steel, iron, special alloys, metallised iron and steel, galvanising, copper, lead, zinc, aluminium and more.

Practical Information:

Colours	All RAL and BS shades
Pack Size	1kg, 5kg, 20kg
Theoretical Consumption	Approx 400g/m ² per coat (total consumption: 800g/m ²)
Volume Solids	55-57%
Dry Film Thickness (DFT)	175µm
Wet Film Thickness (WFT)	310µm
Flash Point	Not flammable
VOC Content	Maximum 8g/litre

Surface Preparation:

The substrate has to be free of rust (norm St2 or Sa2), degreased, dry, and free of dust.

Mixing:

Mix Ratio: Not applicable.

Mixing Instructions: This material is a one component coating and should always be mixed thoroughly with a power agitator before application.

Application Methods:

Airless Spray: Yes (Nozzle: 015-023, dilute with 3% water)

Air Spray (Conventional): No

Brush: Yes though not recommended

Roller: Yes though not recommended

Two coats are recommended for most applications.

For other application methods please contact New Guard technical team for further product support.

Thinner/Cleaning Solvent:

Thinner: Water
Cleaner: Water

Drying and Curing Time:

Touch Dry:	3 hours
Recoatible:	6 hours minimum
Hard Dry:	24 hours

Compatibility:

N/A

Cleaning Information:

Clean all tools thoroughly with clean water.

Storage:

Keep material in original containers and use within 12 months of delivery. Materials not used should be resealed. Store in a cool, dry place and at temperatures no lower than 10°C.

Safety Precautions:

Please view the product health & safety sheet for information in relation to hazardous identification, first aid measures, fire fighting, accidental release, handling, exposure control, P.P.E, disposal and regulatory information.

Disclaimer

The above information should be used as a guide only and is not a guarantee or warranty. New Guard Coatings Group 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:

Date of Print: July 2021
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Product Reference: ELC

Important Note:

This technical data sheet (TDS) supersedes those previously issued. The technical data sheet (TDS) is recommended to be read in conjunction with the safety data sheet (SDS). Please contact your nearest New Guard Coatings branch or visit our website for more details.