



New Guard Coatings Group

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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 ACL - 2K Pigmented Acid Catalyst Lacquer



Technical Data Sheet

Product Description:

Interior two pack acid catalysed topcoat. Low odour butanol free formulation. Less than 0.1% formaldehyde content, improves spray shop safety. Excellent opacity with high solids.

Typical Uses:

Interior joinery & furniture.

Practical Information:

Colours	Full tintable colour range. All RAL & BS4800 colours and others on request.
Pack Size	5 litre, 20 litre (Nominal Volumes)
Gloss Level	10%, 20%, 90%
Components	Two Component
Generic Type	Solvent-based

Technical Information:

Theoretical Spreading Rate (approx)	8-10m ² per litre based on 60µm dft
Maximum DFT (Total System Film Thickness)	150 microns

Mixing:

Mix Ratio: 9:1
Mixing Instructions: N/A

Pot Life: 36 hours.

Further Information:

Some low pigmented top-coats may not reach VOC compliancy due to the nature of the shades - please check with Technical department for clarification. The new Guard Acid Catalyst lacquer is now classed 'Lo-Formaldehyde' and as such they are a major Health & Safety development.

Using Guard Acid Catalyst Systems the working environment within any Spray Shop will be dramatically improved. A further improvement in the formulation of these lacquers has also been made. All the butanol (a very pungent solvent) has been removed - this vastly improves the "smell" whilst drying, making them into low odour lacquers. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours.

Clean regularly with a soft dry cloth. When needed wipe with a moist cloth. Neutral cleaning detergents or household cleaners with low amounts of alcohol or waxes can also be used.

Application Methods:

Brush	No	
Roller	No	
Conventional Spray	Yes	Thin up to 10%
Airless Spray	Yes	Thin up to 5-10% if necessary
Air Assisted Airless Spray	Yes	Thin up to 5-10% if necessary

For further information and guidance on application, please speak with our technical team.

Solvents:

Thinning: Guard Solvent N
Cleaning: Guard Solvent B

Drying and Curing Time:

Touch Dry	15 mins
Recoatable	60 mins
Max Resistance	7 days

Drying times are based on temperatures of 20°C, lower temperatures will increase drying times. Please speak with our technical team before elevating temperatures or attempting to force cure any of our products unless already stated. Shop conditions such as having good airflow will optimise curing.

Compatibility:

Designed as a topcoat for use in a system with the Guard Acid-Cat primer range as a basecoat. For any other uses please contact us.

Cleaning Information:

Once painting has been completed, clean all equipment with abovementioned cleaning solvent. Spray equipment should be appropriately flushed through for 3-5 minutes (returning unused paint to the tin, unless thinned which should be stored in a separate tin) before replacing any used solvent with clean solvent to leave in the pump, gun and lines.

Storage & Shelf-Life:

Unopened tins should be stored in a cool dry place between the temperatures of 5° and 25°C – better storage conditions will likely extend the shelf-life of the material. Always stir thoroughly before re-use.

Product has a shelf life of 12 months as standard from the date of manufacture. Once opened tins should have the lid fitted tightly when not in use. Please speak with us before using material which is past it's standard shelf-life as certain materials may need re-certifying before use.

Safety Precautions:

To avoid the risk of spillage always store and transport in an upright secure position. Materials are hazardous and can also be flammable therefore appropriate precautionary measures must be taken including the use of gloves, glasses and recommended P.P.E in accordance with the material safety data sheets (MSDS).

Review

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Important Notes & Disclaimer:

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