



New Guard Coatings Group

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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 HF - Hammer Finish

Technical Data Sheet

Product Description:

Finish coat product to give a modelled or “hammer” finish effect.

Typical Uses:

A quick drying, non-sag, hammer effect paint for the protection and decoration of steel structures, fabrications and other suitable prepared substrates.

Practical Information:

Colours	Silver as standard, a range of metallic shades
Pack Size	5 litre
Gloss Level	Gloss
Resin Type	Alkyd
Components	Single Component
Generic Type	Solvent-based

Technical Information:

Theoretical Spreading Rate (approx)	12m ² per litre based on 30µm dft
Volume Solids (approx)	36-38%
Dry Film Thickness (DFT)	30µm
Wet Film Thickness (WFT)	81µm
Flash Point	Above 32°C
VOC Content	500-700gms/litre
Temperature Resistance	50°C

Surface Preparation:

Designed as a cosmetic finish only, therefore must be applied over a primer. Previous coat must be fully cured and free from any contaminants. If applying Guard HF days after application of the primer, it is recommended the primer is cleaned, degreased and lightly abraded. See data sheet for primer in to ensure it's overcoating suitability.

Mixing:

Mix Ratio: Not applicable.
Mixing Instructions: This material is a one-component coating and should always be mixed thoroughly with an agitator before application.
Pot Life: Not applicable.

Application Methods:

Brush	Yes	Thin 3:1
Roller	Yes	Thin 3:1
Conventional Spray	No	
Airless Spray	No	
Air Assisted Airless Spray	No	

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

Solvents:

Thinning: Guard Solvent A
Cleaning: Guard Solvent A

Drying and Curing Time:

Touch Dry	20 mins
Hard Dry	24 hours
Full Cure	7 days

Hammer finishes can be problematic when overcoating due to the nature of the resin system. Overcoating is best carried out "wet on wet" or else intercoat reactions can occur such as wrinkling or lifting.

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 cosmetic finish only and not for anti-corrosion or general substrate protection, therefore must be applied over a suitable primer, such as Guard EP or Guard GIP.

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:

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

No liability will be accepted for incorrect colours or any other failure by the customer to check before use. This does not affect your statutory rights.

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