New Guard Coatings Group

A global reputation to protect.

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.

Guard CR - Chlorinated Rubber

Technical Data Sheet

Product Description:

A single component conventional coating for various uses and application onto a range of substrates including both concrete floors and steelwork.

Typical Uses:

Easy application product for internal or external use as a full coating onto suitably prepared steel and limited other surfaces including masonry and brickwork. Is ideal in circumstances where easy recoating properties are required.

Can be used on suitably prepared floors as either a full coat or for line marking purposes, for light-medium traffic, giving good abrasion resistance and a degree of chemical resistance.

Product can also be used for swimming pools due to having good properties to resist chlorine and other acidic substances. Please speak to our technical team for specific instructions when used for this purpose.

Practical Information:

Colours	Full tintable colour range. All RAL & BS4800 colours and specials on request
Pack Size	5 litre
Gloss Level	Gloss
Resin Type	Chlorinated Rubber
Components	Single Component
Generic Type	Solvent-based

Technical Information:

Theoretical Spreading Rate (approx)	7m² per litre based on 50µm dft
Volume Solids (approx)	55%
Dry Film Thickness (DFT)	3050µm
Wet Film Thickness (WFT)	5590µm
Flash Point	23-60°C
VOC Content	580gms/litre
Temperature Resistance	40°C

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. For optimum corrosion protection, mild steel should be blast cleaned to Sa2.5. Complex structures may be more effectively cleaned by HPWJ (high pressure water jetting).

Minimal preparation is required compared to most coatings. Ensure surface is free from rust and contaminates then suitable abraded to give a key. See cleaning information.

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	
Roller	Yes	
Conventional Spray	Yes	
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	60 minutes
Hard Dry	24 hours
Full Cure	7-14 days
Recoatable	24 hours

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:

Limited. No issues overcoating with itself, though surface must be cleaned and suitably prepared if this is a more than a few days after the original coating.

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.

If overcoating with itself, ensure surface is thoroughly cleaned and previous coating suitably abraded.

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 18 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

Document Reference:	A1CR1.2
Version Date:	August 2025
Stock Code:	GCR

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.

www.newguardcoatings.com