



# 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 FP - Floor Paint



## Technical Data Sheet

### Product Description:

A tough, glossy paint suitable for use in most industrial and commercial environments, where there is frequent pedestrian to light traffic.

### Typical Uses:

Designed as a cost effective and conventional material for easy application, that lends itself to re-coating periodically. Suitable for internal environmental such as garages floors, warehouses and other general commercial / industrial uses.

### Practical Information:

Colours	Dark Grey (RAL 7016), Light Grey (Ral 7035), Grey (BS 00-A-05), Blue (Ral 5010), Yellow, Ral 1018), Tile Red
Pack Size	5 litre, 20 litre
Gloss Level	Gloss
Resin Type	Polyurethane
Components	Single Component
Generic Type	Solvent-based

### Technical Information:

Theoretical Spreading Rate (approx)	8m <sup>2</sup> per litre based on 30µm dft
Volume Solids (approx)	40%
Dry Film Thickness (DFT)	30µm
Wet Film Thickness (WFT)	75µm
Flash Point	Above 32°C
VOC Content	471gms/litre
Temperature Resistance	80°C

### Surface Preparation:

Ensure floor is clean from all grease, oil and other contaminants, using a suitable cleaner / degreaser if necessary. Product should only be applied direct to concrete if it is fully cured, which is a minimum 1 month after newly laid. If applying product over an existing coating, a small trial area should be conducted to ensure compatibility and it doesn't react. Thereafter ensure previous coating is free from all oil, grease and other contaminants, and any loose chippings are removed so application of the new coating is to a firm edge.

### Mixing:

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

## Application Methods:

Brush	Yes	Thin 3:1 when applied to dusty concrete
Roller	Yes	Thin 3:1 when applied to dusty concrete
Conventional Spray	No	
Airless Spray	No	
Air Assisted Airless Spray	No	

For further information and guidance on application, please speak with our technical team. If product is being applied direct to concrete (new concrete must be fully cured) then it may be necessary to apply a first coat thinned by 20% to take up the porosity of the floor, prior to application of a full coat.

## Solvents:

**Thinning:** Guard Solvent A  
**Cleaning:** Guard Solvent F

## Drying and Curing Time:

Touch Dry	4-6 hours
Hard Dry	60-72 hours
Full Cure	72 hours
Recoatable	After 48 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:

Due to product being based on soft solvents it should be compatible to overcoat most other coatings, providing they are fully cured. If applying product over an existing coating, a small trial area should be conducted to ensure compatibility and it doesn't react. If the product does react when conducting this trial, previous coating must be completely removed.

## 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

**Document Reference:** A1FP1.1  
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## Important Notes & Disclaimer:

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