



# 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.

[www.newguardcoatings.com](http://www.newguardcoatings.com)

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# Guard T-Wash

## Technical Data Sheet

### Product Description:

A mordant solution made up of phosphoric acid and copper salts.

### Typical Uses:

Designed for treating galvanised steel before painting. The solution quickly turns the substrate black, providing visible evidence that the surface is ready to be painted. Also known as etch.

### Practical Information:

|              |                                  |
|--------------|----------------------------------|
| Colours      | Blue, turning black once applied |
| Pack Size    | 5 litre                          |
| Gloss Level  | Not applicable                   |
| Resin Type   | Not applicable                   |
| Components   | Single Component                 |
| Generic Type | Not applicable                   |

### Technical Information:

|                                     |                            |
|-------------------------------------|----------------------------|
| Theoretical Spreading Rate (approx) | 20m <sup>2</sup> per litre |
| Volume Solids (approx)              | Not applicable             |
| Dry Film Thickness (DFT)            | Not applicable             |
| Wet Film Thickness (WFT)            | Not applicable             |
| Flash Point                         | 68°C                       |
| VOC Content                         | 326gms/litre               |
| Temperature Resistance              | Not applicable             |

### Surface Preparation:

Ensure surfaces are clean, dry and free from grease and contamination.

### Mixing:

**Mix Ratio:** Not applicable.  
**Mixing Instructions:** Not applicable.  
**Pot Life:** Not applicable.

### Cleaning Information:

Thoroughly wash down surface with clean water prior to application, and allow to fully dry. If spray applying, ensure lines are fully flushed through with suitable cleaning solvent prior to re-using the gun with coatings.

## Compatibility:

Can be overcoated with majority of coatings, both single pack and two component. Guard HBV and Guard MSP-2K are recommended products.

## Application Methods:

Application is either by conventional spray or by clean rag / cloth (ensure correct P.P.E is used at all times). Thoroughly wet the surface which should turn black in approximately 5 minutes. When black colouration appears stable this should be washed down with clean water. Should this colouration wash off during this process, the application will need repeating.

## Drying and Curing Time:

Should turn black in approximately 5 minutes.

## 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 24 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

|                            |              |
|----------------------------|--------------|
| <b>Document Reference:</b> | A1TW1.1      |
| <b>Version Date:</b>       | October 2021 |
| <b>Stock Code:</b>         | GTW          |

## Important Notes & Disclaimer:

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