



New Guard Coatings Group

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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.

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Guard High-Temperature Black

Description: A single-pack, heat resistant, protective and decorative coating for use at temperatures up to 600°C. Matt finish.

Uses: Can be used on fire surrounds, exhaust systems and furnaces where optimum temperature resistance is required. It may also be used as a single coat application onto metal substrates.

| Pack Sizes: | Colours: | Thinner: |
|-----------------------|-----------------|-----------------|
| 5 Litres 20 Litres | Black | Guard Solvent A |

Theoretical Spreading Rate: 23.3m²/l

Volume Solids: 35% (+/- 2%)

Dry Film Thickness (DFT): 15µm

Wet Film Thickness (WFT): 50µm

Flash Point: 23°-32°C

VOC Content: >600gms/litre

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. Complex structures may be more effectively cleaned by detergent pressure washing or steam cleaning. For optimum corrosion protection, mild steel should be blast cleaned to ISO Sa2.5.

Mixing Instructions:

It is essential that the material is thoroughly mixed before use.

Application:

| | | | |
|--|---|--|---|
| Brush <input checked="" type="checkbox"/> | Roller <input checked="" type="checkbox"/> | Airless Spray <input checked="" type="checkbox"/> | Conventional Spray <input checked="" type="checkbox"/> |
| Small areas only | Small areas only | | |

In order to achieve the recommended dft, additional coats may be required depending on the equipment used, spraying techniques and substrate profile.

Drying Times:

Please note drying times are based on temperature at 20°C.

Touch Dry:

15-20 minutes

Recoatable:

2-4 hours

Hard Dry:

Will occur after coating has been raised to a service temperature of at least 220°C for 20-30 minutes

Storage:

Keep material in original containers and use within 12 months of delivery. Materials not used should be resealed. Store in a cool, dry place and at temperatures no lower than 10°C.

Precautions:

Materials are both hazardous and flammable and therefore precaution measures should be taken and appropriate P.P.E worn in accordance with the Material Safety Data Sheets and regulations.

Health & Safety:

Please view the product Health & Safety Sheet for information in relation to hazardous identification, first aid measures, fire fighting, accidental release, handling, exposure control, personal protective equipment (P.P.E), disposal and regulatory information.

Additional Info:

The above information should be used as a guide only and is not a guarantee or warranty. New Guard Coatings and our supply partners and manufacturers have provided this information in good faith and is to the best of our knowledge correct at the time of print. 'Guard' is a brand owned by New Guard Coatings Ltd, but this does not imply the manufacture of such product.

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Contact Information:

UK Head Office:
New Guard Coatings Ltd
Sandbeck Way, Wetherby, West Yorkshire, LS22 7DN

USA Head Office:
New Guard Coatings Inc
615 South Dupont Highway, Dover, DE, 19901

Tel: +44 (0)1937 586311
Email: uksales@newguardcoatings.com

Tel: +1 (302)-257-5760
Email: usasales@newguardcoatings.com

www.newguardcoatings.com