



# New Guard Coatings Group

A global reputation to protect.

The information herewith is given with the best of New Guard Coatings Group knowledge.

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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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**PROTECTIVE  
&  
MARINE  
COATINGS**

**FasTop Multi BU  
PRODUCT TECHNICAL DATA**



**PRODUCT DESCRIPTION**

FasTop Multi BU is a granite reinforced three component water-based polyurethane cement infill screed designed to fill holes and indentations in a concrete subfloor prior to overlaying with FasTop self-levelling and screed systems. FasTop Multi BU can also be used to back-fill drainage channels and form falls or ramps in floors.

**ADVANTAGES**

- Can be applied from 6mm to 60mm
- Fast curing
- Self-sealing
- High strength
- HACCP certified

**RECOMMENDED USE**

- Infilling potholes
- Back filling drains
- Creating ramps
- Food manufacture and processing
- Kitchens
- Dairies
- Pharmaceutical and chemical plant processing
- Brewing and beverage

**PRODUCT DATA**

<b>Volume Solids:</b>	~100%
<b>VOC:</b>	9 g/l calculated per full mixed unit
<b>Colours:</b>	Natural
<b>Finish:</b>	Matt finish
<b>Flash Point:</b>	N/A
<b>Cleanser/Thinner:</b>	N/A
<b>Pack Size:</b>	28.5 kg
<b>Pack Weights:</b>	2.32 kg base, 1.11 kg hardener, 25.07 kg aggregate (28.5 kg)
<b>Mixing Ratio:</b>	As above packing weights
<b>Mixed Density:</b>	Approximately 2.10 g/cm <sup>3</sup>
<b>Shelf Life:</b>	36 months (Base), 12 months (Hardener) & 6 months (Aggregate)
<b>Storage:</b>	Keep out of direct sunlight. Store in a dry place, between 15°C – 30°C. Aggregates must be stored in a dry area to prevent contamination by moisture, as this will have a detrimental effect on the product.

**Application at 20°C**

Recoating Intervals:	6 – 8 hours
Light Traffic:	6 - 8 hours
Full Traffic:	48 hours
Full Chemical Cure	3 - 5 days

**Pot Life:** 15 minutes from mixing

**Note:** All mixed paint must be used within the pot life limit, if the paint is left in the container after mixing and not used, it may release hazardous fumes due to exothermic reaction.

**Coverage Rate:** 28.5 kg will cover 1.4 m<sup>2</sup> @ 10 mm (Theoretical)

Coverage rate is calculated based on a sealed and smooth surface and may vary based on the substrate roughness and other conditions.

**System Thickness: (Recommended)** 6 – 60mm

The suggested thickness range is calculated based on average volume solid as a general recommendation for the specified condition and for each application may vary.

**Recommended Application Methods:** Trowel with optional finish with a roller



# FasTop Multi BU

## SURFACE PREPARATION

**New Concrete Floors:** New concrete must be clean, sound, dry, fully cured and surface laitance removed by vacuum enclosed shot blasting or mechanical grinding, a minimum strength of 25 N/mm<sup>2</sup> is required.

**Existing Concrete Floors:** Remove all dirt, oil, grease, old paint or any other surface contaminants by vacuum enclosed shot blasting, scarifying or mechanical grinding. Fats, oils or greases must be removed by mechanical means and detergent washing and making sure all residue of detergent is washed and removed by rinsing with clean water. Local repairs should be carried out using **FasTop Multi BU**.

**Existing Floors (previously coated):** All previous coatings and loose floor paints must be removed by mechanical preparation as described in the above section and primed as specified. If the old resin flooring cannot be removed then please consult with our technical team for advice on intercoat adhesion and suitability, as it may not be compatible with the existing floor coating.

**Anchor Joints:** To ensure the maximum bond is achieved, grooves must be cut into the perimeter of the subfloor, typically 20 mm deep by 10 mm wide. These should be inset approximately 150 mm from and running parallel with the walls and adjacent to any doorways, plinths etc. including any finished edge, i.e. both sides of a day work joint. The groove must have a neat square edge and the **FasTop Multi BU** laid to the full depth forming a perimeter anchorage.

PRIMING	MIXING								
<p>To achieve the best adhesion to substrates <b>FasTop BU</b> must be primed and applied onto wet <b>Resuprime ST</b> on dry substrates with less than 75% ERH reading.</p> <p>Where the Relative Humidity of a substrate exceeds 75% ERH <b>Resuprime MVT</b> should be specified and selected on the basis of hygrometer readings in accordance with BS 8203. Please refer to the table below for required number of coats to achieve proper moisture tolerance.</p> <table border="0"> <tr> <td><b>ERH%</b></td> <td><b>Required Coating Thickness</b></td> </tr> <tr> <td>75-85</td> <td>1 coat of Resuprime MVT at 200 µm per coat</td> </tr> <tr> <td>85-92</td> <td>2 coats of Resuprime MVT at 200 µm per coat</td> </tr> <tr> <td>92-97</td> <td>3 coats of Resuprime MVT at 200 µm per coat</td> </tr> </table> <p><i>For further information please refer to recommended individual product data sheets.</i></p>	<b>ERH%</b>	<b>Required Coating Thickness</b>	75-85	1 coat of Resuprime MVT at 200 µm per coat	85-92	2 coats of Resuprime MVT at 200 µm per coat	92-97	3 coats of Resuprime MVT at 200 µm per coat	<p>Add the <b>FasTop Multi Base Part A</b> pouch and then the <b>FasTop Multi Hardener Part B</b> half size pouch. If a separate bucket has been used pour the combined mix into a rotary drum mixer and add the <b>FasTop BU Aggregate</b> component steadily, until a homogeneous mix of the four components is achieved.</p> <p><b>FasTop Multi BU</b> should be applied immediately after mixing to prepared and primed areas whilst the primer is still tacky.</p>
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APPLICATION	TECHNICAL INFORMATION								
<p><b>FasTop Multi BU</b> may be applied to substrates with a surface temperature in the range of 5-20°C and a relative humidity of 40% to 90% RH, with a minimum air temperature of 8°C and no condensation. Do not pre-warm this product as working times will be substantially reduced if materials are warm.</p> <p>Whilst the epoxy primer used is still tacky <b>FasTop Multi BU</b> should be applied at the required rate as soon after mixing as possible. (Delay can result in variation in surface finish, colour and add to application problems). NB: Cure times are extended at low temperatures.</p> <p>Apply to pre-primed areas and level between battens as necessary with a steel float, alternatively a sledge can be used set at the required thickness and again finished with a steel float.</p> <p>Apply <b>FasTop Multi BU</b> in layers up to 60mm. Ensure that the material is well compacted throughout its depth and that each layer is keyed together. Allow 6-8 hours between layers. At the top surface, compact and finish to the required depth below the final surface. After a minimum of 8 hours <b>FasTop</b> products can be laid to the required depth and finish.</p>	<p>The following figures are obtained from laboratory tests and our experience with this product.</p> <table border="0"> <tr> <td><b>Category Guide:</b></td> <td>FerFA Category 8</td> </tr> <tr> <td><b>Bond Strength:</b> (BS EN 13892-8:2002)</td> <td>&gt;3 N/mm<sup>2</sup> (Substrate failure)</td> </tr> <tr> <td><b>Abrasion Resistance:</b> (BS EN 13892-4:2002)</td> <td>AR 0.5</td> </tr> <tr> <td><b>Impact Resistance:</b> (BS EN ISO 6272-1:2011)</td> <td>&gt;4 Nm</td> </tr> </table>	<b>Category Guide:</b>	FerFA Category 8	<b>Bond Strength:</b> (BS EN 13892-8:2002)	>3 N/mm <sup>2</sup> (Substrate failure)	<b>Abrasion Resistance:</b> (BS EN 13892-4:2002)	AR 0.5	<b>Impact Resistance:</b> (BS EN ISO 6272-1:2011)	>4 Nm
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**CE MARK**

Sherwin Williams Protective & Marine  
Tower Works, Kestor Street, Bolton, BL2 2AL, United Kingdom  
Tel: +44 (0) 1204 521771 F: +44 (0) 1204 382115

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**BSEN 13813 SR B 3.0- AR 0.5 - IR>4**  
Resin coating/screed for use inside buildings as per data sheet  
Wear resistance: AR 0.5  
Bond strength: B 3.0  
Impact resistance: IR > 4

**WARRANTY**

*Any person or company using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk, and Sherwin-Williams can accept no liability for the performance of the product, or for any loss or damage arising out of such use.*

*The information detailed in this datasheet is liable to modification from time to time in the light of experience and normal product development, and before using, customers are advised to check with Sherwin-Williams, quoting the reference number, to ensure that they possess the latest issue.*

**DISCLAIMER**

*The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.*

**HEALTH AND SAFETY**

*Consult Product Health and Safety Datasheet for information on safe storage, handling and application of this product.*

Sherwin-Williams Protective & Marine Coatings, Tower Works, Kestor Street, Bolton, Lancashire BL2 2AL United Kingdom

T: 01204 521 771 E: [sales.uk@sherwin.com](mailto:sales.uk@sherwin.com) www.resinflooring.sherwin.eu

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