



## PROTECTIVE & MARINE COATINGS

# FasTop Multi WR

## PRODUCT TECHNICAL DATA



### PRODUCT DESCRIPTION

FasTop Multi WR is a trowel applied polyurethane cement coving and wall render. FasTop Multi WR is designed specifically for use with the FasTop floor screed systems, to maintain the same standards of resistance to abrasion and chemical contact once it has been fully sealed.

### ADVANTAGES

- Suitable for forming radius coves
- Seamless finish
- High chemical resistance
- Resistant to hot water
- Hard wearing
- Matt finish
- Campden BRI approved as non-tainting
- HACCP certified

### RECOMMENDED USE

- Food manufacture and processing
- Brewing and beverage
- Pharmaceutical and chemical plant processing
- Heavy duty plant and traffic areas
- Dairies
- Commercial kitchens
- Abattoirs and meat processing
- Medical and healthcare

### PRODUCT DATA

|                       |  |
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| <b>Volume Solids:</b> | ~100%  |
| <b>VOC:</b>           | 5 g/l calculated per full mixed unit   |
| <b>Colours:</b>       | Black, Blue, Buff, Dark Grey, Mid Grey, Light Grey, Green, Marigold, Red   |
| <b>Finish:</b>        | Matt finish  |
| <b>Flash Point:</b>   | N/A  |
| <b>Pack Size:</b>     | 25.1 kg  |
| <b>Pack Weights:</b>  | 1.16 kg half size blank base, 0.45 kg colour, 1.11 kg hardener, 22.38 kg aggregate (25.1 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 & Colour), 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

|                      |                        |
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| Recoating Intervals: | 6 – 8 hours            |
| Light Traffic:       | 12-16 hours            |
| Full Traffic:        | 48 hours               |
| Full Chemical Cure   | 3-5 days               |
| <b>Pot Life:</b>     | 15 minutes from mixing |

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

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| <b>Coverage Rate:</b><br>(Theoretical) | 25.1 kg will cover 8.3 Linear metres radius cove at 150mm high with a 100mm base |
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Coverage rate is calculated based on a sealed and smooth surface and may vary based on the substrate roughness and other conditions.

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| <b>System Thickness:</b><br>(Recommended) | 4-9 mm |
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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.

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| <b>Recommended Application Methods</b> | Coving trowel |
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## FasTop Multi WR


### 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 25N/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. To ensure the maximum bond is achieved, grooves must be cut into the perimeter of the subfloor, typically 20 mm deep by around 5 mm wide. These should be inset approximately 50 mm from and running parallel with the walls, plinths etc. The groove must have a neat square edge and the FasTop WR laid to the full depth forming a perimeter anchorage.

| PRIMING   | MIXING  |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
|---|---|------------------------|------------------|---|--|--------------------------------|---|---|--------|--|------------------------|---|-----------------------|--|-----------------------|-----------------------------|--|
| <p>Priming of surfaces should be carried out using <b>Resuprime MVT or Resuprime ST</b>. Once the area has been primed the <b>FasTop Multi WR</b> should be applied immediately onto the wet primer. This will allow a chemical bond to form between the primer and the <b>FasTop Multi WR</b> which will provide a stronger adhesive bond to the substrate.</p> <p><i>For further information please refer to recommended individual product data sheets.</i></p>  | <p>Add the <b>FasTop Multi Base Part A</b> half size pouch and then the <b>FasTop Multi Colour Pack</b> pouch contents into a mixing bucket or directly into a rotary drum mixer, mix thoroughly for one minute then add 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 WR Aggregate</b> component steadily, until a homogeneous mix of all components is achieved.</p>   |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| APPLICATION   | TECHNICAL INFORMATION   |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| <p>Apply <b>FasTop Multi WR</b> directly to pre-primed areas with a coving trowel to form the skirting as required.</p> <p><b>FasTop Multi WR</b> may be applied to substrates with a surface temperature in the range of 5-20°C and a relative humidity of 40% - 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>NB. Cure times are extended at low temperatures.</p> <p>Note: Due to the different aggregates used in this vertical grade material, a variation in surface texture and colour density must be expected. Where a closer colour match is required to adjacent surfaces then <b>FasTop T150</b> should be used to overcoat the <b>FasTop Multi WR</b> within 24 hrs of application.</p> <p><b>FasTop Multi WR</b> units should be applied consistently with mixes from the same batch used consecutively where adjacent areas are being laid.</p> | <p>The following figures are obtained from laboratory tests and our experience with this product.</p> <table> <tr> <td><b>Category Guide:</b></td><td>FerFA Category 8</td></tr> <tr> <td><b>Bond Strength:</b><br/>(BS EN 13892-8:2002)</td><td>&gt;3 N/mm<sup>2</sup> (Substrate failure)</td></tr> <tr> <td><b>Temperature Resistance:</b></td><td>Tolerant of temperatures up to 120°C and down to - 40°C when installed @ 9 mm</td></tr> <tr> <td><b>Reaction to Fire:</b><br/>(EN 13501-1:2018)</td><td>Bfl-s1</td></tr> <tr> <td><b>Compressive Strength:</b><br/>(BS EN 13892-2:2002)</td><td>26.4 N/mm<sup>2</sup></td></tr> <tr> <td><b>Flexural Strength:</b><br/>(BS EN 13892-2:2002)</td><td>4.4 N/mm<sup>2</sup></td></tr> <tr> <td><b>Tensile, Strength:</b><br/>(BS EN 6319-7:1985)</td><td>1.9 N/mm<sup>2</sup></td></tr> <tr> <td><b>Chemical Resistance:</b></td><td>Excellent – please see separate guide or contact Sherwin-Williams for more specific advice</td></tr> </table> | <b>Category Guide:</b> | FerFA Category 8 | <b>Bond Strength:</b><br>(BS EN 13892-8:2002) | >3 N/mm <sup>2</sup> (Substrate failure) | <b>Temperature Resistance:</b> | Tolerant of temperatures up to 120°C and down to - 40°C when installed @ 9 mm | <b>Reaction to Fire:</b><br>(EN 13501-1:2018) | Bfl-s1 | <b>Compressive Strength:</b><br>(BS EN 13892-2:2002) | 26.4 N/mm <sup>2</sup> | <b>Flexural Strength:</b><br>(BS EN 13892-2:2002) | 4.4 N/mm <sup>2</sup> | <b>Tensile, Strength:</b><br>(BS EN 6319-7:1985) | 1.9 N/mm <sup>2</sup> | <b>Chemical Resistance:</b> | Excellent – please see separate guide or contact Sherwin-Williams for more specific advice |
| <b>Category Guide:</b>  | FerFA Category 8  |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| <b>Bond Strength:</b><br>(BS EN 13892-8:2002)   | >3 N/mm <sup>2</sup> (Substrate failure)  |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| <b>Temperature Resistance:</b>  | Tolerant of temperatures up to 120°C and down to - 40°C when installed @ 9 mm   |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| <b>Reaction to Fire:</b><br>(EN 13501-1:2018)   | Bfl-s1  |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| <b>Compressive Strength:</b><br>(BS EN 13892-2:2002)  | 26.4 N/mm <sup>2</sup>  |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| <b>Flexural Strength:</b><br>(BS EN 13892-2:2002)   | 4.4 N/mm <sup>2</sup>   |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| <b>Tensile, Strength:</b><br>(BS EN 6319-7:1985)  | 1.9 N/mm <sup>2</sup>   |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |
| <b>Chemical Resistance:</b>   | Excellent – please see separate guide or contact Sherwin-Williams for more specific advice  |                        |                  |   |  |                                |   |   |        |  |                        |   |                       |  |                       |                             |  |

| CE MARK   |  |
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|   |   |
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|   | <p><b>BSEN 13813 SR B 3.0- AR 0.5 - IR&gt;4</b><br/>Resin coating/screed for use inside buildings as per data sheet<br/>Wear resistance: AR 0.5<br/>Bond strength: B 3.0<br/>Impact resistance: IR &gt; 4</p>  |
| WARRANTY  | DISCLAIMER   |
| <p>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.</p> <p>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.</p> | <p>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.</p> |
| HEALTH AND SAFETY   |  |
| <p>Consult Product Health and Safety Datasheet for information on safe storage, handling and application of this product.</p>   |  |

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