



**PROTECTIVE  
&  
MARINE  
COATINGS**

**FasTop Multi T150  
PRODUCT TECHNICAL DATA**



**PRODUCT DESCRIPTION**

FasTop Multi T150 is a polyurethane cement coating designed for application onto FasTop coving and screeds and concrete. The material uses current resin and hardeners to maintain flexibility for the customer whilst also delivering the performance and properties that FasTop is known for. It can be applied by roller, brush or squeegee depending on the requirements and gives a hygienic finish that can be used for new screeds as well as refreshing existing screeds and as coatings on concrete. This product can also be used as a grout coat on the FasTop Multi Terrazzo system.

**ADVANTAGES**

- High chemical resistance
- Resistant to hot water
- Matt finish
- HACCP Certified
- Hard wearing
- Hygienic
- Campden BRI approved as non-tainting

**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

**PRODUCT DATA**

<b>Volume Solids:</b>	~100%	<b>Application at 20°C</b>	
<b>VOC:</b>	22 g/l calculated per full mixed unit	Recoating Intervals:	6 – 8 hours
<b>Colours:</b>	Black, Blue, Buff, Dark Grey, Mid Grey, Light Grey, Green, Marigold, Red	Light Traffic:	12 – 16 hours
<b>Finish:</b>	Matt finish	Full Traffic:	48 hours
<b>Flash Point:</b>	N/A	Full Chemical Cure	5-7 days
<b>Pack Size:</b>	8.1 kg	<b>Pot Life:</b>	15 minutes from mixing
<b>Pack Weights:</b>	2.32 kg base, 2.22 kg hardener, 0.45 kg colour pack, 3.11 kg aggregate (8.1 kg)	<i>Note: All mixed product must be used within the pot life time limit, if the product is left in the container after mixing and not used, it may release hazardous fumes due to exothermic reaction.</i>	
<b>Mixing Ratio:</b>	As above packing weights	<b>Coverage Rate:</b>	8.1 kg. will cover 27.7m <sup>2</sup> @ 200 microns film thickness
<b>Mixed Density:</b>	Approximately 1.4 g/cm <sup>3</sup>	(Theoretical)	0,1 mm – 200 gr/sqm
<b>Shelf Life:</b>	36 months (Base), 12 months (Hardener) & 6 months (Aggregate)	<i>Coverage rate is calculated based on a sealed and smooth surface and may vary based on the substrate roughness and other conditions.</i>	
<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.	<b>System Thickness: (Recommended)</b>	150-200 microns
		<i>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.</i>	
		<b>Recommended Application Methods:</b>	Roller, Squeegee and brush



# FasTop Multi T150

## 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 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.

Where **FasTop T150** is applied to masonry/concrete surfaces, care must be taken to ensure that preparation is thorough but that this does not disfigure the surface.

PRIMING	MIXING																
<p>Primers are optional for this product if it's applied directly to a concrete substrate dependant on surface conditions and porosity. If required <b>FasTop Multi Primer</b> should be used which utilises the FasTop Multi components as detailed on the FasTop Multi Systems brochure and the <b>FasTop Multi Primer</b> product data sheet.</p> <p>Apply <b>FasTop Multi Primer</b> by medium nap roller, brush or squeegee. Work the primer well into the surface ensuring it is fully wetted out and then roll to complete an even coating without any ponding. Two coats may be required to eliminate any dry patches and to create an even sealed surface. The primer should be worked into and around the anchor joints whilst avoiding to filling these with resin.</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> 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 T150 Aggregate</b> slowly whilst mixing until a smooth mixture is obtained that is free from lumps. If a separate bucket has been used pour the combined mix into a rotary drum mixer. Add the <b>FasTop Multi Hardener Part B</b> pouch and mix for approximately one minute until a homogeneous mix of all components is achieved. Some hardener may be added during the aggregate mixing to ensure the mixture flows and mixes consistently.</p>																
APPLICATION	TECHNICAL INFORMATION																
<p><b>FasTop Multi T150</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>When the primed surface is tack free <b>FasTop T150</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>The <b>FasTop Multi T150</b> should be applied immediately by roller, brush or squeegee with a consistent procedure. Floor areas should be cross rolled to ensure even application and to minimise roller marks.</p> <p>When applied to <b>FasTop Multi WR</b> as a seal coat the <b>FasTop Multi T150</b> should be worked rapidly and evenly over the area with a brush or roller to an even smooth finish.</p> <p>When applied to <b>FasTop DP</b> as a seal coat the <b>FasTop T150</b> should be worked rapidly and evenly over the area with a roller or squeegee at the coverage rates in line with the aggregate used as the scatter.</p> <p><i>See Sherwin-Williams FasTop DP System Guide for recommended floor systems.</i></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 3</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>Temperature Resistance:</b></td> <td>Tolerant of temperatures up to 80°C @ 0.5 mm</td> </tr> <tr> <td><b>Abrasion Resistance</b> (BS 8204-2:2003+A3:2011)</td> <td>225mg loss per 1000 cycles</td> </tr> <tr> <td><b>Reaction to Fire:</b> (EN 13501-1:2018)</td> <td>Bfl-s1</td> </tr> <tr> <td><b>Impact Resistance:</b> (ISO 6272-1:2011)</td> <td>&gt;4</td> </tr> <tr> <td><b>Slip Resistance:</b> (BS 7976-2:2002+A1:2013)</td> <td>&lt;36 (low slip potential in wet/dry conditions)</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 3	<b>Bond Strength:</b> (BS EN 13892-8:2002)	>3 N/mm <sup>2</sup> (Substrate failure)	<b>Temperature Resistance:</b>	Tolerant of temperatures up to 80°C @ 0.5 mm	<b>Abrasion Resistance</b> (BS 8204-2:2003+A3:2011)	225mg loss per 1000 cycles	<b>Reaction to Fire:</b> (EN 13501-1:2018)	Bfl-s1	<b>Impact Resistance:</b> (ISO 6272-1:2011)	>4	<b>Slip Resistance:</b> (BS 7976-2:2002+A1:2013)	<36 (low slip potential in wet/dry conditions)	<b>Chemical Resistance:</b>	Excellent – please see separate guide or contact Sherwin-Williams for more specific advice
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**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.*

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