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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.

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FASTOP MULTI T150 SR



07/2023 Issue 3 – REF: T150SRD

PRODUCT DESCRIPTION

FasTop Multi T150 SR is a polyurethane cement textured coating designed for application as an ant-slip floor finish onto concrete and FasTop flooring systems where required. The material uses universal FasTop resin and hardeners to maintain flexibility in storage for the customer whilst also delivering the performance and properties that FasTop is known for. It can be applied by trowel and back rolled depending on the requirements and gives a hygienic textured finish that can be used for new screeds as well as refurbishing existing screeds and as coatings on concrete.

ADVANTAGES

- High chemical resistance
- Textured anti-slip finish
- Resistant to hot water
- Hard wearing
- Hygienic
- Matt finish

RECOMMENDED USE

A wide range of industrial applications such as:

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

PRODUCT DATA

Volume Solids:	~100%
VOC:	22 g/l calculated per full mixed unit
Colours:	Black, Blue, Buff, Dark Grey, Mid Grey, Light Grey, Green, Marigold, Red
Finish:	Matt
Pack Size:	18.3 kg
Pack Weights:	2.32 kg base, 2.22 kg hardener, 0.45 kg colour pack, 13.31 kg aggregate
Mixing Ratio:	As above packing weights
Mixed Density:	~2.05g/cm ³
Shelf Life:	36 months (Base), 12 months (Hardener) 6 months (Aggregate)
Storage:	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.

Typical properties at 20°C

Cure Times

Recoating Intervals:	6 - 8 hours
Light Traffic:	12 - 16 hours
Full Traffic :	48 hours
Full Chemical Cure:	5 - 7 days

Pot Life: 15 minutes from mixing

Note: All 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.

Typical Consumption:

2.05kg/m² per mm thickness

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

System Thickness: 1 - 2 mm
(Recommended)

Recommended

Application Methods: Trowel and long pile roller

SURFACE PREPARATION

Concrete substrates must be sound with a minimum compressive strength of 25 N/mm², a minimum tensile strength of 1.5 N/mm² and a relative humidity at the surface of no more than 75%.

It is essential that all laitance, surface sealers and curing membranes and any surface contamination, such as oil, grease and dirt, existing coatings and loose material is removed by suitable mechanised equipment. Planing or scarifying to CSP 5-7 is recommended for this product, for detailed information, refer to ICRI Guideline No.310.2R-2013.

After surface preparation, all loose debris and dirt should be removed using vacuum equipment.

Weak concrete must be removed, and local repairs carried out.

Anchorage grooves should be cut around the perimeter of the sub-floor, and terminations, e.g. doorways, around drains and at joints, to a width and depth of twice the thickness of the floor, up to a maximum of 10mm.



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RECOMMENDED SYSTEMS

Primers are optional for this product dependant on substrate surface conditions and porosity.

Apply FasTop Multi Primer 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.

For further information please refer to recommended individual product data sheets

MIXING AND APPLICATION

Mixing:

Add the FasTop Multi Part A component (base) and the FasTop Multi Part D (color package) to a suitable mixing vessel and mix for 1 - 2 minutes using a low-speed electric mixer or forced action mixer until homogeneous. Add the FasTop Multi Part B (hardener) component and mix again for 1 - 2 minutes until homogeneous. Add Part C (aggregate) steadily into the mixing vessel and mix for a minimum of 3 minutes until a uniform mixture is obtained.

FasTop Multi T150 SR should be applied immediately after mixing to prepared areas.

Application

FasTop Multi T150 SR 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.

NB: Cure times are extended at low temperatures.

FasTop T150 SR 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).

The FasTop Multi T150 SR should be applied immediately by trowel and then finished with a roller to create a consistent texture. Floor areas should be cross rolled to ensure even application and to minimise roller marks.

When applied to FasTop screeds and self-levelling systems as a seal coat the FasTop T150 SR should be worked rapidly and evenly over the area with a trowel and immediately back rolled at the coverage rates to create the required textured finish.

See Sherwin-Williams FasTop System Guides for recommended floor systems.

TECHNICAL INFORMATION

The following figures are obtained from laboratory tests and our experience with this product.

Category Guide:	FeRFA Type 3
Slip Resistance: (BS EN 13892-8:2002)	>36 (low slip potential in wet/dry conditions)
Chemical Resistance:	Excellent – please see separate guide or contact Sherwin-Williams for more specific advice

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 Safety Datasheet for information on safe storage and handling of this product.

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