



**PROTECTIVE
&
MARINE
COATINGS**

**FasTop TC SP
PRODUCT TECHNICAL DATA**



PRODUCT DESCRIPTION

FasTop TC SP is a polyurethane coating designed for application onto FasTop SP coving and floor screeds. 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. This product can also be used as a grout coat on the FasTop Terrazzo system.

ADVANTAGES

- High chemical resistance
- Resistant to hot water and steam
- Extremely hard wearing
- Matt finish
- 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

PRODUCT DATA

Volume Solids: ~100%

Finish: Matt finish

Flash Point: N/A

Cleanser/Thinner: N/A

Pack Size: 20.6 kg

Pack Weights:
2 x 2.5 kg Blank base
2 x 2.5 kg Hardener
2 x 0.3 kg Colour pack
10 kg Aggregate

Mixing Ratio: As above packing weights

Shelf Life: All resin components have a 12 month shelf life when kept in unopened containers. Aggregates have a 6 month shelf life stored in good conditions.

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.

Application at 20°C

Recoating Intervals: N/A

Light Traffic: 12-16 hours

Full Traffic: 48 hours

Full Chemical Cure 5-7 days

Pot Life: 15 minutes from mixing

Note: All mixed paint must be used within the pot life time 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: 20.6 kg will cover approximately 13.5m² (Theoretical) at a thickness of 1mm

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

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: Roller and brush



FasTop TC SP

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/mm² 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 SP**.

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.

APPLICATION

4-pack Mixing: Add the 2 x **FasTop Multi SP** blank base **Part A** pouch and then the 2 x **FasTop Multi SP** colour pack pouch contents into a mixing bucket or directly into a rotary drum mixer, mix thoroughly for one minute then add the 2 x **FasTop Multi SP** hardener **Part B** pouch component. If a separate bucket has been used pour the combined mix into a rotary drum mixer and add the **FasTop TC SP** aggregate component steadily, until a homogeneous mix of the four components is achieved.

Apply immediately to prepared areas by roller or brush to achieve a consistent even finish.

FasTop TC SP may be applied to substrates with a surface temperature in the range of 5-20°C and a relative humidity <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.

PRIMING

Dry or porous substrates can be primed using **FasTop TC** where the relative humidity of the substrate is less than 75%. This should be lightly scattered with silica aggregate approximately 1 mm in size. Where the Relative Humidity of a substrate exceeds 75% ERH **Resuprime MVT** should be specified and selected on the basis of hygrometer readings in accordance with BS 8203. The number of coats to be applied is chosen in accordance with the following table:

ERH%	Required Coating Thickness
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

For further information please refer to recommended individual product data sheets.

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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