Protective & Marine Coatings
PRODUCT DATA SHEET

FASTOP MULTI PRIMER

06/2023 Issue 4 – REF: FTPR

PRODUCT DESCRIPTION

FasTop Multi Primer is a water-based polyurethane cement based primer designed for use with FasTop screeds and self-levelling systems. The material uses common resin, hardener and aggregate to maintain flexibility in stock for the customer and delivers the bonding performance and properties that FasTop is known for. It can be applied by roller, brush or squeegee depending on the requirements.

ADVANTAGES

- Ease of application
- Excellent adhesion
- Hygienic
- Versatile

RECOMMENDED USE

A wide range of industrial applications such as:

- Concrete primer and sealer
- As a primer for Sherwin-Williams FasTop floor screeds and self-levelling systems

PRODUCT DATA

Volume Solids: ~100%

VOC: 26 g/l calculated per full mixed unit

Colours: Natural

Finish: Matt

Pack Size: 6.54 kg

Pack Weights: 2.32 kg base, 1.11 kg hardener, 3.11 kg aggregate)

Mixing Ratio: As above packing weights

Mixed Density: ~1.4g/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 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:
280 gm/m^2 at 200 microns thickness (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: 150 - 200 mm
(Recommended)

Recommended
Application Methods: Roller, Squeegee and brush

SURFACE PREPARATION

Concrete substrates must be sound with a minimum compressive strength of 25 N/mm^2, a minimum tensile strength of 1.5 N/mm^2 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.

Please refer to individual FasTop data sheets regarding surface preparation.

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

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

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APPLICATION CONDITIONS

FasTop Multi Primer 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.

MIXING AND APPLICATION

Mixing:

Add the FasTop Multi Base Part A pouch to a mixing bucket then add the FasTop T150 Aggregate slowly whilst mixing until a smooth mixture is obtained that is free from lumps. Add the FasTop Multi Hardener Part B half size pouch and mix for approximately one minute until a homogeneous mix of all components is achieved.

Note: Some hardener may be added during the aggregate mixing to ensure the mixture flows and mixes consistently.

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

Application

FasTop Multi Primer 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).

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, cut for FasTop screeds being installed, whilst avoiding to filling these with resin.

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 2

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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BS EN 13813: SR-B2.3-IR>4
Resin coating/screed for use inside buildings as per datasheet

Bond strength:	**B2.3**
Impact resistance:	**IR>4**