

FASTOP™ MULTI

A NEW PACKAGING CONCEPT FOR
FASTOP POLYURETHANE CEMENT
HIGH PERFORMANCE FLOORING



FASTOP™ MULTI

PACKAGING OPTIONS

FLEXIBLE PACKAGING MEANS EFFICIENCY

Sherwin-Williams heavy duty FasTop range of polyurethane cement industrial floor screeds is now supplied in pouches designed for ease-of-application, reduced waste and to maximise space on pallets as the product is supplied worldwide.

The pouch packaging offers FasTop as 4-pack systems with a neutral base and hardener to which is added the appropriate colour pouch and aggregate filler to make one of the products available from the FasTop range. This provides a number of advantages for an applicator who can use the base and hardeners for all the screeds in the FasTop range with the appropriate other components creating a flexibility and a reduction in stock. Using pouches instead of plastic buckets means reduced wastage on site and faster installation as these are easier and faster to use. There is no need to spend time taking lids off buckets which can occupy one operative of an installation team as a full time job.

The industry-leading FasTop range has been formulated to allow flooring systems to be installed as a single application which doesn't require any seal coats and which cures in a matter of hours using an innovative cementitious urethane resin technology for a very hard cure and long-term protection. The pouch packaging uses less than one-fifth of the weight of plastic used for plastic buckets with this product. As a result of this saving, twice as much product can now be

delivered on each pallet, with empty pouches taking up 40 times less space compared to used buckets leading to direct transport saving. This also results in reduced waste from packaging, which makes waste disposal more economical.

The FasTop range is non-taint with certification from Campden BRI and is accredited by HACCP International (Hazard Analysis and Critical Control Point) which establishes standards for food safe products and promotes the best practice of all suppliers to the food industry. The FasTop formulation also has antimicrobial effectiveness tested to ISO 22196.

With optional primers and topcoats for certain situations such as porous or contaminated substrates, the systems are ideal for use in food and beverage manufacturing and processing areas, commercial kitchens, pharmaceutical, chemical plant processing and heavy-duty plant and traffic areas.



ISO 22196:2011

FasTop systems are tested to ISO 22196 for antimicrobial effectiveness.

Members of
Campden BRI

FasTop systems are Campden BRI certified as non-taint and odourless.



FasTop systems are HACCP International certified as food safe.

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PACKAGING OPTIONS

PACK MAKE UP

- FasTop Multi Base (Part A): a universal unpigmented base that can be used with a number of the FasTop systems.
- FasTop Multi Hardener (Part B): a universal hardener that can be used with a number of FasTop systems.
- FasTop Multi Aggregate (Part C): Unique aggregate formulations which provide the correct pack make up for each system.
- FasTop Multi Colour (Part D): coloured pigment is contained in a separated colour pouch which can be added to the FasTop Multi unpigmented base.
- FasTop Multi Base (Part A) and FasTop Multi Hardener (Part B) half size pouches are used for FasTop Multi WR coving. A full size Base and half size Hardener are used for FasTop Multi BU and for FasTop Multi Primer.

Component	Packaging type	Part	Weight (kg)	FasTop Multi											
				TG69	RS69	SL45	SL23	DP	Terrazzo	T150	T150 SR	BU	TR1000	WR	Primer
Base pouch	Pouch	A	2.32	•	•	•	•	•	•	•	•	•			•
Hardener pouch	Pouch	B	2.22	•	•	•	•	•	•	•	•				
Half size (base pouch)	Pouch	A	1.16											•	•
Half size (hardener pouch)	Pouch	B	1.11									•	•	•	•
Colour pouch*	Pouch	D	0.45	•	•	•	•	•	•	•	•		•	•	
Aggregate TG69	Bag	C	25.1	•											
Aggregate RS69	Bag	C	21.1		•										
Aggregate SL45	Bag	C	14.1			•									
Aggregate SL23	Bag	C	11.1				•								
Aggregate DP	Bag	C	17.1					•							
Aggregate Terrazzo	Bag	C	21.1						•						
Aggregate T150	Bag	C	3.1							•					
Aggregate T150SR	Bag	C	13.31								•				
Aggregate BU	Bag	C	25.1									•			
Aggregate TR1000	Bag	C	25										•		
Aggregate WR	Bag	C	22.4											•	
Total unit weight (kg)				30.1	26.1	19.1	16.1	22.1	26.1	8.1	18.3	28.5	27.72	25.1	6.5

Note: FasTop Screens/Self Levellers are also available in 3-pack formats with pigmented base components for special colours and large projects where required.

*Colours - Light Grey, Mid Grey, Dark Grey, Red, Blue, Green, Buff, Marigold, Black, Orange.

SYSTEM INFORMATION



Part A Base



Part B Hardener



Part C Aggregates



Part D Colour

PART C AGGREGATES

A choice of aggregates are available for thickness and slip resistance



For the FasTop TG69 floor system use Aggregate TG69 Part C component.

Weight 25.11 kg

Mixed with components A,B & D this provides a screed unit with a total weight of 30.1 kg which is applied by trowel between 6-9 mm in thickness to create a textured surface for maximum anti-slip performance in wet and dry conditions.



For the FasTop RS69 floor system use Aggregate RS69 Part C component.

Weight 21.11 kg

Mixed with components A,B & D this provides a resin screed unit with a total weight of 26.1 kg which can be applied faster than TG69 by rake and trowel or trowel only between 6-9 mm in thickness to create a more resin rich textured surface for anti-slip performance in wet and dry conditions.



For the FasTop DP floor system use Aggregate DP Part C component.

Weight 17.11 kg

Mixed with components A,B & D this provides a screed unit with a total weight of 22.1 kg which is applied by trowel between 5-7 mm in thickness to create a screed surface which can be scattered with different options of aggregate to create a uniform textured anti-slip finish.



For the FasTop Terrazzo floor system use Aggregate Terrazzo Part C component.

Weight 21.11 kg

Mixed with components A,B & D this provides a resin screed unit with a total weight of 26.1 kg which is applied by trowel typically at 10 mm which can then be ground to expose the coloured aggregate terrazzo matrix.



For the FasTop SL45 floor system use Aggregate SL45 Part C component.

Weight 14.11 kg

Mixed with components A,B & D this provides a self levelling screed unit with a total weight of 19.1 kg which is applied by pin rake, notched trowel and spiked roller between 4-5 mm in thickness to create a smooth surface for non-slip performance in dry conditions.



For the FasTop SL23 floor system use Aggregate SL23 Part C component.

Weight 11.11 kg

Mixed with components A,B & D this provides a self levelling screed unit with a total weight of 16.1 kg which is applied by pin rake, notched trowel and spiked roller between 2-3 mm in thickness to create a smooth surface for non-slip performance in dry conditions.

SYSTEM INFORMATION



FASTOP™ MULTI SYSTEMS

INNOVATIVE PACKAGING CONCEPT

	FasTop Multi											
	TG69	RS69	SL45	SL23	DP	Terrazzo	T150	T150 SR	BU**	TR1000*	WR*	Primer***
Description	Trowel applied textured heavy duty screed	Resin rich textured screed applied by rake and trowel	Self smoothing screed applied by trowel and spike roller	Self smoothing screed applied by trowel and spike roller	Heavy textured trowel applied screed with aggregate scatter	Trowel applied screed with Terrazzo finish after surface grinding	Roller and brush applied coating for sealing where required	Roller applied textured coating for anti-slip and traction where required	Bulk screed for levelling substrates and filling holes etc.	Bulk screed underlayment for levelling substrates up to a 150mm thickness	Screed render for forming radius coving and skirtings	Primer for sealing substrates for FasTop systems
System thickness	6-9 mm	6-9 mm	4-5 mm	2-3 mm	5-6 mm	8-10 mm	150-200 um	1.5-2.5 mm	6-100 mm	5-150 mm	4-9 mm	150-200 mm
Pack size	30.1 kg	26.1 kg	19.1 kg	16.1 kg	22.1 kg	26.1 kg	8.1 kg	18.3 kg	28.5 kg	27.27 kg	25.1 kg	6.5 kg
VOC content	9 g/l	9 g/l	13 g/l	14 g/l	12 g/l	9 g/l	22 g/l	22 g/l	5 g/l	9 g/l	5 g/l	22 g/l
Cure time to light traffic	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs	12-16 hrs
Cure time to designed traffic	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
Full cure (days)	5-7 days	5-7 days	5-7 days	5-7 days	5-7 days	5-7 days	5-7 days	5-7 days	5-7 days	5-7 days	5-7 days	5-7 days
Coverage rates	2.35 m ² per unit at 6 mm 12.76 kg per m ² at 6 mm	2 m ² per unit at 6 mm 13 kg per m ² at 6 mm	1.9 m ² per unit at 5 mm 10 kg per m ² at 5 mm	2.8 m ² per unit at 3 mm 5.71 kg per m ² at 3 mm	2 m ² per unit at 5 mm 11 kg per m ² at 5 mm	1.35 m ² per unit at 9 mm 19.25 kg per m ² at 9 mm	27 m ² per unit at 200 um 0.28 kg per m ² at 200 um	13 m ² per unit at around 1 mm 1.41 kg per m ² at 1 mm	11 m ² per unit at 10 mm 22.72 kg per m ² at 10mm	1.3 m ² per unit at 10 mm 21.32 kg per m ² at 10 mm	8.3 LM Radius cove per unit at 150 per mm high with a 100 mm base	23 m ² per unit at 200 um 0.28 kg per m ² at 200 um

* FasTop WR and FasTop TR1000 utilise half size Part A Base and Part B Hardener pouches with a standard colour pouch and WR or TR1000 aggregate.

** FasTop BU utilises a full size Part A Base and a half size Part B Hardener pouch with a FasTop BU aggregate.

*** FasTop Primer utilises a full size Part A Base and a half size Part B Hardener pouch with a FasTop T150 aggregate.

CHEMICAL RESISTANCE GUIDE

Chemical	FasTop TG69	FasTop RS69	FasTop SL23	FasTop SL45
Petrol/gasoline	R	R	R	R
Aviation fuel	R	R	R*	R
Kerosene	R	R	R*	R
Diesel fuel	R	R	R	R
Toluene	R	R	R	R
Xylene	R	R	R	R
Benzene	R	R	R	R
Aromatic hydrocarbons	R	R	R	R
Crude oil	R*	R*	R*	R*
Ethanol	R	R	R*	R
Butanol	R	R	R*	R
Propanol	R	R	R*	R
Isopropanol	R	R	R*	R
Methanol	R	R	R*	R
Ethyl acetate	R	R	R	R
MIBK	R	R	R	R
Methyl ethyl ketone	R	R	R	R
Acetone	R	R	R	R
Formaldehyde 40%	R*	R*	R*	R*
Acetic acid 10%	R*	R*	R*	R*
Sodium bisulfate	R	R	R*	R*
Sodium dihydrogenphosphate	R	R	R*	R*
Sulfuric acid 20%	R	R	R*	R*
Potassium hydroxide 20%	R	R	R	R
Sodium hydroxide 20%	R	R	R	R
Potassium chloride	R	R*	R	R*
Sodium chloride	R	R*	R	R*
Organic durfactants	R	R	R	R
Dethyl ether	R	R*	R	R

R	Resistant for up to three days exposure.
R*	Resistant for up to three days exposure but discolouration will occur.

Unless otherwise stated all tests were carried out at 20°C.
All products have been tested according to BS EN 13529:2003 – Determination of Resistance to Severe Chemical Attack.

Please note:

1. Higher temperatures will reduce the chemical resistance as shown in the table above.
2. Some chemicals may concentrate due to evaporation and become more aggressive.
3. Mixtures of chemicals can be more aggressive than the individual components alone.

Sherwin-Williams always recommend good housekeeping to maintain the integrity and performance of our High Performance Flooring range. Ensure chemical spillages are cleaned up within a 24 hour period to minimise any damage/discolouration.

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DESIGNED TO PERFORM

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including oil and gas, water and wastewater, bridge and highway, steel fabrication, flooring, food and beverage, rail and power, marine and passive fire protection.

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