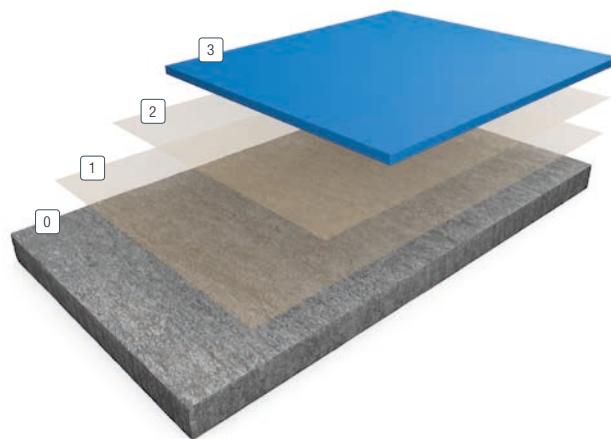


FASTOP™ Multi SL23

Самовыравнивающиеся полиуретан-цементные покрытия

FasTop Multi SL23 — самовыравнивающаяся антимикробная полиуретан-цементная система покрытий пола толщиной 3 мм, которая обеспечивает прочную поверхность с превосходной устойчивостью к химическому воздействию, горячей воде и истиранию. FasTop Multi SL23 — продукт пищевого качества, без запаха и испарений, что делает его идеальным для областей производства продуктов питания и напитков, где требуется гладкая поверхность в соответствии с максимальными гигиеническими стандартами.

Полиуретан-цементные покрытия FasTop Multi SL23 также подходят для морозильных камер до -20 °C.



- 0 Substrate:
- 1 Primer: FasTop Multi Primer
- 2 Primer (optional): FasTop Multi Primer
- 3 Screed: FasTop Multi SL23

Traffic	Cure to service (hrs)		
	10°C	20°C	30°C
Light	24-36	12-16	8-12
Designed	72-96	48-72	24-48
Full cure	8 days	49-7 days	5 days

BENEFITS

- High chemical resistance
- Resistance to hot water
- Self-sealing
- Extremely hard wearing
- Food safe and non-taint (HACCP and Campden BRI approved)
- Non dusting
- Matt finish

SCOPE OF USE

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

TYPICAL PHYSICAL PROPERTIES

Hardness @ 24 hours, Shore D	BS ISO 7619-1:2010	82
Abrasion resistance	BS EN 13892-5:2003	AR 0.5
Compressive strength	BS EN ISO 604:2003	43 MPa
Tensile strength	BS EN ISO 527-2:2012	7 MPa
Flexural strength	BS EN ISO 178+A1:2013	26 N/mm ²
Bond strength	BS EN 13892-8:2002	>3 N/mm ² (substrate failure)
Impact resistance	EN ISO 6272	>4
Temperature resistance		Tolerant of temperatures up to 80°C at 3 mm
Chemical resistance		Excellent
Reaction to fire	BS EN 13501-1:2018	BFL – s1
UV stable		No
FerFa class		Class 5
System thickness		3 mm
CE Marked screeds	BS EN 13813:2002	

SYSTEM COMPOSITION

VOC EC Solvent Emissions Directive

Component	Product	Application	VOC	Theoretical consumption	Coverage per unit m ²	Packaging
Primer	FasTop Multi Primer	Roller	22 g/L	0.28 kg/m ²	23 m ²	6.5 kg
Screed	FasTop Multi SL23	Trowel	14 g/L	5.71 kg/m ² (3 mm depth)	2.8 m ²	16.1 kg

APPLICATION GUIDANCE

IMPORTANT INSTALLATION NOTE

Sherwin-Williams materials shall only be installed by approved contractors. The following information is to be used as a guideline for the installation of the system in conjunction with the product data sheets used for the system. Contact Sherwin-Williams Technical Service Department for assistance prior to application. Email: technicale@sherwin.com or Tel: +44 (0)1204 556457.

SUBSTRATE REQUIREMENTS AND SURFACE PREPARATION GENERAL CONSIDERATIONS

Sherwin-Williams flooring systems can be applied to a variety of substrates. Proper surface preparation is required, specific of the substrate type. Concrete is the most common substrate and this document states surface preparation guidance for this specific substrate. Other types of substrate can be covered too. Please contact Sherwin-Williams Technical Service Department prior to starting the project to obtain guidance on surface preparation for specific substrate or condition.

CONCRETE - SUBSTRATE REQUIREMENTS

To achieve the best performance from FasTop SL23 substrates must be clean, sound, dry and free of surface laitance with a minimum strength of 25 N/mm².

Ideally substrates should be free from rising damp and water pressure and it is good practice to take a moisture content reading of a concrete substrate, particularly for any new slabs.

Where substrates have moisture levels above 75% ERH as per BS8204, or if no damp proof membrane is present then FasTop Primer can be used as normal or Resuprime MVT can be used to function as a surface applied damp proof membrane as the primer as advised in the product data sheet. The number of coats of Resuprime MVT will be dependent on the moisture content.

CONCRETE - SURFACE PREPARATION

Concrete surfaces should be prepared by vacuum shot-blasting or mechanical abrasion as required to achieve a surface texture which will function as a mechanical key to maximise adhesion of the resin system.

Thoroughly vacuum the surface and any joints to remove all loose dust and debris. Ensure that all preparation is carried out to the edges of slabs, walls etc. to ensure full bonding of the system to a sound surface. Any debris should be recovered from the floor surface and joints etc.

Significant mechanical damage, pitting and cracks may need to be addressed and repaired prior to the application of the primer; these should be identified by survey.

For recommendations, consult Sherwin-Williams Technical Service Department.

TOE-IN JOINTS

To ensure maximum bond is achieved, grooves must be cut into the perimeter of the subfloor prior to priming or with the direct application of FasTop Multi SL23 which will function as anchor joints. Typically grooves should be 5 mm deep by 10 mm wide, and 150 mm from, and running parallel with the walls and adjacent to any doorways.

TEMPERATURE

Throughout the application process, substrate temperature ideally should be 5°C–25°C and a relative humidity <90% ERH, 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. Substrate temperature must be at least 3°C above the dew point. The material should not be applied in direct sunlight, if possible.