

FLS 110 Geotextile Reinforcement

Product Description

FLS 110 Geotextile Reinforcement is a non-woven, 100% polyester needle punched fleece. The standard roll size is 1.06m wide x 100m long.

FLS 110 Geotextile Reinforcement is designed for use either as a reinforcement to joints, upstands, corners and details (as an alternative to FLS 109 Self-adhesive Butyl Tape) or for use as a reinforcement layer when overlaying existing bituminous coated roofs e.g. felt, asphalt etc. with Fatra's liquid applied waterproofing products.

In both cases, the FLS 110 Geotextile Reinforcement should be applied 'wet on wet' in conjunction with the appropriate Fatra liquid applied waterproofing products.



FLS 110 Geotextile Reinforcement	
Product type	Polyester nonwoven fabric
Product description	Endless filaments spunbonded, thermally bonded
Raw material	100% polyester
Colour	White
Unit Weight	70 g/m ²
Roll dimensions	1060 mm x 100 m
Safety Information	FLS 110 Geotextile reinforcement is not a hazardous material

Application of FLS 110 Geotextile Reinforcement

Detail reinforcement:

Ensure all surfaces are clean, dry and free from any debris, dust, dirt, loose particles, or standing water. Clean the surface using a high pressure washer, if possible. Fill surface irregularities with FLS 108 Joint Sealant and apply the appropriate primer.

Once the primer has cured and the surface is clean and dry, all joints, upstands, corners and details should be reinforced using FLS 110 Geotextile Reinforcement 'wet on wet' with FLS 104 / 106 Liquid waterproofing.

FLS 110 Geotextile Reinforcement should be embedded in a receiver coat of FLS 104 / 106 applied at 0.5 kg per m², followed by a secondary coat applied at 1.0 kg per m².

Application of FLS 110 Geotextile Reinforcement

Bitumen felt roof overlays:

Ensure all surfaces are clean, dry and free from any debris, dust, dirt, loose particles, or standing water. Clean the surface using a high pressure washer, if possible. Fill surface irregularities with FLS 108 Joint Sealant and apply the appropriate primer. Once the primer has cured and the surface is clean and dry, the entire bitumen felt surface must be reinforced using FLS 110 Geotextile Reinforcement 'wet on wet' with FLS 104 / 106 Liquid Waterproofing.

Apply a receiver coat of FLS 104 / 106 Liquid Waterproofing to a clean, dry surface with rollers or brush at a rate of 1.0 kg per m² and embed FLS 110 Geotextile Reinforcement into this layer. Use a separate, dry roller to embed the fleece. The receiver coat should become visible through the fleece during application.

Next apply a top coat of FLS Liquid waterproofing with rollers or brush at a rate of 1.0 kg to 1.5 kg per m² for total encapsulation. The reinforcement fleece should not be visible after applying this coat. Overall total consumption should be 2.0 kg to 2.5 kg per m². Throughout this process, the reinforcement fleece must overlap by a minimum of 100 mm.

Technical specifications

Property	Test Method	Unit	Specification
Weight	ERT 40.3-90	gr/m ²	70
Thickness	ERT 30.4-89	Mm	0.3
Tensile Strength MD	ERT 20.2-89	N/5cm	170
Tensile Strength CD			83
Elongation at Break MD	ERT 20.2-89	%	30
Elongation at Break CD			38
Tear Strength MD	ERT 70.3-96	N	56
Tear Strength CD			115
Shrinkage		%	-4.5

MD = machine direction, CD = cross direction