



FIBREGLASS FLAT ROOF INSTALLATION

Strandek® installation of a Built GRP S600 Fibreglass Flat Roof on a Domestic Property

Fibreglass Flat Roof Installation



Summary of Work

A new fibreglass flat roof was installed by Strandek® in South Wales. This was a Built GRP S600 Fibreglass Roofing System, comprised of a single layer laminate and topped off with a grey flowcoat. The underlying structure comprised BBA® certified OSB3 timber decking and BBA® certified PIR insulation. The roofing system has a 30+ year expected lifetime, a 20-year Built GRP materials guarantee, 20-year Strandek® guarantee and a 10-year insurance backed guarantee.

See more: <https://www.strandek.co.uk/services/glass-fibre-flat-roofing/>

Benefits

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Rapid Cure
Partial cures achieved within 1 hour
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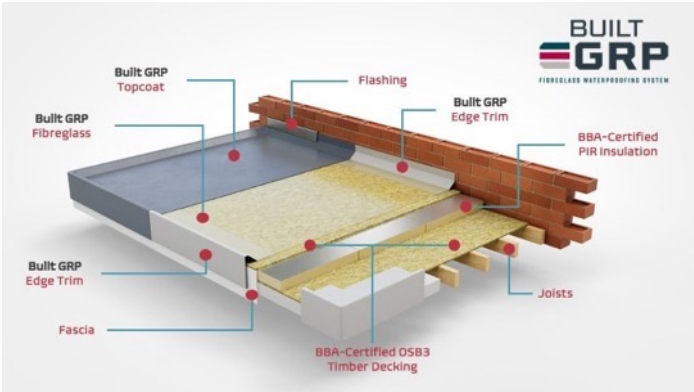
Waterproof
Fibreglass offers a long-term, highly durable waterproof coating for flat roofing structures
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Professional Installation
Built GRP Fibreglass Systems require approved installers with an excellent track record.
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Strong Adhesion
Bonds very strongly to timber decking making it almost impervious to leaks
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Mechanical Strength
High strength-to-weight ratio relative to other roofing systems and can tolerate moderate foot traffic.

System Design

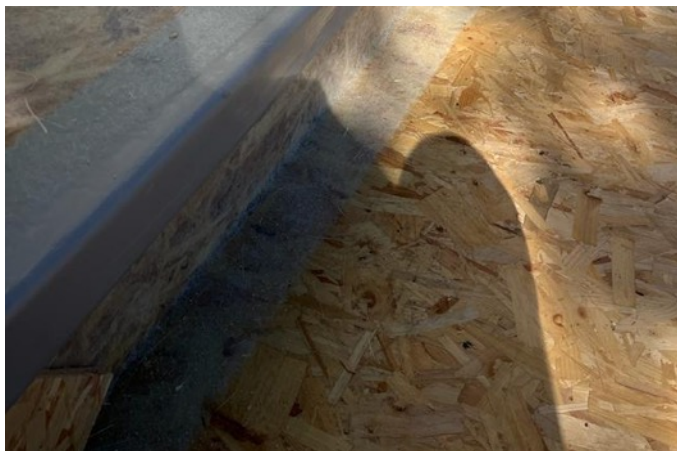


MATERIALS		SPECIFICATION
OSB3 Timber Decking		BBA® certified
PIR Insulation		BBA® certified
OSB3 Timber Decking		BBA® certified
FIBREGLASS LAMINATE	POLYESTER RESIN	1.5 – 1.7 kg/m2
	GLASS FIBRE MATTING	1 x 600 gram CSM
FLOWCOAT		0.5 kg/m2

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1/4 BBA® certified OSB3 T&G timber decking installed on the roof. There is BBA® certified PIR insulation sandwiched in between two layers of the decking.



2/4 GRP edge trims installed around the perimeter and edges of the timber decking.



3/4 Glass fibre matting was applied to the timber decking and saturated in catalysed polyester resin.



4/4 A grey resin topcoat (flowcoat) was then applied to the laminate to complete the installation.

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Upon completion the fibreglass roof was ready to accommodate a roof window and further building work. Its lifetime should exceed 30+ years, rain or shine!

See more about Built GRP Fibreglass:

<https://builtgrp.com/fibreglass-roof-system/>

Performance

"We've been installing fibreglass roofs since 1976 and as of today we've installed well over 5,000! Using the Built GRP Fibreglass Roof System, this project is just another example of the standard of our workmanship and the quality of the materials we use.."

Steve Bowen
Managing Director
Strandek GRP Systems

Want to see more?

Search for 'Strandek GRP Systems' on



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About Strandek

Established in 1976, Strandek specialise in a range of waterproofing solutions. Working with a range of customers, they offer exceptional performance and a high-quality of workmanship.

Our Accreditations

