

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

Firestop 20 Professional GRP System

Description of Product

This is an assessment of Firestop 20 Professional GRP System used for waterproofing of roofs, balconies and walkways.

The System consists of Firestop 20 Professional Base Resin and Chopped Strand (CSM) Fibreglass Reinforcement Roll / Taping Mat applied insitu over a good quality OSB3 deck. The roof is finished with pre formed GRP edge trims and a Firestop 20 Professional Top Coat.



Key Factors Assessed

- Safety in case of Fire
- Health, Hygiene and Environmental
- Safety in Use
- Energy Economy and heat retention
- Durability serviceability and identification

Validity

This certificate was first issued on 10th April 2018 and is valid until 11th July 2020

Issue Dated 10th April 2018

Scope of Registration

WonderBuilds will provide a detailed application manual and offer certified training to Installers.

A 20 year materials guarantee between WonderBuilds and the installer is provided, subject to terms and conditions.

The Firestop 20 Professional GRP System relies on other construction products, materials and components to form a complete roof, balcony or walkway; overall compliance will therefore be dependent on final specification.

The Firestop 20 Professional GRP System is fully bonded to the roof substrate and should resist wind suction likely to occur, provided the timber substrate is adequately fixed to the roof structure.

The GRP roof system is intended for use on flat, zero-pitched (subject to correct drainage points) or pitched roofs with limited access and internal gutters in warm, cold, inverted or green roof (subject to appropriate structural deck and drainage) specifications. A Non-slip coating is available for use on verandas, terraces and walkways on flat roofs.

Conditions of Certificate

Site specific construction details will be required.

The products must be installed in accordance with the Firestop 20 Professional GRP System specifications and application manual.

Adequate provision shall be made for rainwater to be carried from the roof of the building.

The containers should be protected from extremes of temperature in storage and especially just before use.

The base boards must be completely dry before application.

Do not start installation in wet conditions or if rain is likely.

Installation should only be carried out when the temperature is above 5° C air and below 30° C.

For best results the top coat should be applied in cool overcast conditions – avoiding direct sunlight if possible.

Good practice for all membrane and liquid-applied roofing systems recommends regular inspections to ensure the roof and its drainage points are kept clear.

LABC consider that, Firestop 20 Professional GRP System will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;



The Building Regulations 2010 (as amended) England & Wales

Regulation 7	Materials and Workmanship
Note:	The system is acceptable.
AD B	Fire Safety
Note:	The system can contribute to satisfying this Regulation.
AD C	Site Preparation and Resistance to Contaminants and Moisture
Note:	The system can contribute to satisfying this Regulation.
AD H	Drainage and Waste Disposal
Note:	The system can contribute to satisfying this Regulation.
AD L	Conservation of fuel and power
Note:	The system can contribute to satisfying this Regulation.
AD M	Access to and Use of Buildings
Note:	The system can contribute to satisfying this Regulation.



The Building Regulations 2010 (as amended) England

AD B	Fire Safety
Note:	The system can contribute to satisfying this Regulation.
AD L1A	Conservation of fuel and power
Note:	The system can contribute to satisfying this Regulation.



The Building Regulations 2010 (as amended) Wales

AD B	Fire Safety
Note:	The system can contribute to satisfying this Regulation.
AD L1A	Conservation of fuel and power
Note:	The system can contribute to satisfying this Regulation.



The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at www.labss.org

Non-Regulatory Information



LABC Warranty

The use of the Firestop 20 Professional GRP System has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to technical.services@labcwarranty.co.uk

Supporting Documentation

BS 476 Pt 3 Report (Exova Warringtonfire - Ref: 395002)

BS EN 1928 : 2000 Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Determination of watertightness (BBA Test Report 58836)

BS EN ISO 9001 : 2008 Quality Management Systems (BBA Certificate 11/Q021)

EN ISO 14001 : 2004 Environmental Management Systems - (BBA Certificate 11/E009)

Acetone CLP MSDS (Issue 1)

Additional safety note for use of Firestop 20 Professional Base Resin Accelerator

Firestop 20 Professional Accelerator MSDS (Issue 1)

Firestop 20 Professional Base Resin MSDS (Issue 1)

Firestop 20 Professional Catalyst MSDS (Issue 1)

Firestop 20 Professional Top Coat MSDS (Issue 1)

Firestop 20 Professional GRP System Glossary

Firestop 20 Professional GRP System Technical Datasheets

Firestop 20 Professional GRP System Application Manual (Mar 2018)

Firestop 20 Professional GRP System Guarantee (Mar 2018)

Firestop 20 Professional GRP System Demonstrations & Training Proposal

Firestop 20 Professional GRP System Training Presentation (Mar 2018)

Firestop 20 Professional GRP System Training Certificate (Mar 2018)

Contact Information

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