



Certificate No: EWS1000



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

Res-Tec Flexitec 2020 System

Description of Product

This is an assessment of Res-Tec Flexitec 2020 System, a multi-surface GRP roofing system used for waterproofing of roofs, balconies and walkways.



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 23rd July 2018 and is valid until 23rd July 2019

Issue Dated 23rd July 2018

Scope of Registration

The Flexitec 2020 System can be applied to almost any roof surface including felt, asphalt, concrete, GRP, PVC single ply, OSB3 TG4 and metals.

The system is suitable for both new deck applications and the overlay of existing roofs. The system consists of Flexitec Primer (where required), 1st Coat Flexitec 2020 Resin with Fiberglass CSM Reinforcement (10 year repair system) and 2nd Coat Flexitec 2020 Resin (20 year roofing system).

Res-Tec will provide a detailed application manual and offer certified training to Installers.

A 20 Year Materials Guarantee is available for installations of the full two-coat system, subject to Terms and Conditions. The guarantee is between Res-Tec (as the manufacturer) and the Installer.

The Flexitec 2020 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.

Conditions of Certificate

Site specific construction details will be required.

The products must be installed in accordance with the Res-Tec Flexitec 2020 specifications and application manual.

For Scotland purposes:

That the product shall be manufactured and installed in accordance with the manufacturer's instructions, in accordance with the certificate holder's instructions and fully in accordance with the accredited certification and supporting test reports.

The specifications and materials referred to have been assessed and approved in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Domestic and Non-Domestic Technical Handbooks which came into force with effect from 1 July 2017.

Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this registered detail.

The materials specified shall not be changed without first gaining approval so to do. Failure to do so will invalidate the registered detail.

The Registered Detail should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005. It supports the site-specific building warrant submission required in every case.



LABC and LABSS consider that, Flexitec 2020 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 L	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 L	Conservation of fuel and power
Note:	The system can contribute to satisfying this Regulation.



The Building (Scotland) Regulations 2004 (as amended)

Technical Handbooks Domestic and Non-Domestic

Regulation 8	Durability, workmanship and fitness of materials
0.8.5:	Ways of establishing the fitness of materials
Note:	The product is acceptable when installed in accordance with all of the manufacturer's instructions and the documentation referenced in 'Supporting

Documentation' below and within the Scope of registration and the Conditions of this Certificate specified above.

Regulation 9

Note:

Building Standards applicable to construction

Construction shall be carried out so that the work complies with the applicable requirements of schedule 5.

Mandatory

Standard 3.6

Note:

Surface water drainage

The product can contribute to satisfying this standard, with reference to clause 3.6.1 of the domestic and non-domestic technical handbooks.

Mandatory

Standard 3.10

Note:

Precipitation

The product can contribute to satisfying this standard, with reference to clause 3.10.1 of the domestic and non-domestic technical handbooks.

Mandatory

Standard 3.15

Note:

Condensation

The product can contribute to satisfying this standard, with reference to clauses 3.15.1, 3.15.3, 3.15.5 and 3.15.6 of the domestic and non-domestic technical handbooks

Mandatory

Standard 6.1(b)

Note:

Carbon Dioxide Emissions

The thermal insulation performance of this product should be considered in the context of the contribution made to the overall performance of the building.

Mandatory

Standard 6.2

Note:

Building Insulation Envelope

The thermal insulation performance of this product should be considered in the context of the contribution made to the overall performance of the building.

Non-Regulatory Information



LABC Warranty

The use of the Flexitec 2020 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 (BRE- Ref: P108719-1000 Issue 1)

CEN/TS 1187 2012 Test 4 (BRE- Ref: P108719-1001 Issue 1)

EN 13501-5 T4 class report (BRE- Ref: P108719-1002 Issue 1)

BS EN 1928 : 2000 Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Determination of watertightness (BBA Test Report 62163)

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)

Chopped Strand Mat Fibreglass Reinforcement CLP MSDS (Issue 1)

Powder Hardener CLP MSDS (Issue 2)

Primer CLP MSDS (Issue 1)

Resin Accelerator CLP MSDS (Issue 1)

Resin CLP MSDS (Issue 1)

Flexitec 2020 Resin Technical Datasheet

Flexitec 2020 Application Manual (Dec 2014)

Flexitec 2020 Materials Guarantee

Flexitec 2020 Training Day Flyer

Flexitec 2020 Training Presentation (Sep 2015)

Flexitec 2020 Training Certificate (Mar 2015)

Contact Information

Res-Tec Limited

Unit 25

Castle Park Industrial Estate

Flint

Flintshire

CH6 5XA

Tel: 0845 4504 193

Email: enquiries@res-tec.co.uk

Web: www.res-tec.co.uk