

RES-TEC

2020

FLEXITEC

Multi-surface GRP roofing system

System Brochure



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The Flexible GRP System for Overlays and New Decks

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2020

FLEXITEC

Multi-surface GRP roofing system

One Resin. Countless possibilities.

Flexitec 2020 is the flexible GRP system that has revolutionised the merchant liquid roofing market. Like traditional fibreglass systems it is fast curing, extremely tough and can easily accommodate foot traffic.

However it is not just timber that it can be applied to as it can coat existing roof surfaces such as felt, concrete, asphalt, GRP, liquid and single-ply – meaning roofs can be overlaid without the need for strip and replace the existing substrate. No matter the size, shape or complexity of the roof, Flexitec 2020 provides a seamless, tough and flexible membrane to any roof or balcony area.

- Highly versatile and capable of coating virtually all common roof surfaces.
- Ideal combination of flexibility and toughness.
- One resin system for easy and rapid application times.
- Only 30-60 mins cure time per coat - genuinely rapid installations.
- Top rated fire performance (BS 476-3 Rating: F,AA).
- 20 Year Materials Guarantee accessible to trained installers.



overlays
roof surfaces



applies in
low temps



F,AA fire
rated



20yr
guarantee



LABC
assured



single resin
system



rapid
installation



made in
the UK

Substrates, Priming & Coverage Rates

Depending on the type, roughness and porosity of the surface to be coated, the priming requirements and amount of material required can vary. The table below outlines suitable substrates, primers and typical coverage rates.

Substrate (Surface to be Coated)	Felt	Asphalt	Single Ply*	GRP / Liquid Roofing System*	Metal	OSB3 TG4	Concrete / Screed	Tissue Faced Insulation
Primer	Flexitec 2020 Primer	Flexitec 2020 Primer	Flexitec 2020 Primer*	No Primer Usually Required*	Metallic Primer	Strip Coat T&G Joints with Flexitec 2020 Primer	Flexitec 2020 Primer	Flexitec 2020 Primer
Reinforcement	225g/m ² CSM	225g/m ² CSM	225g/m ² CSM	225g/m ² CSM	225g/m ² CSM	225g/m ² CSM	225g/m ² CSM	225g/m ² CSM
First Coat Coverage Rate	0.85 - 1.15 l/m ² (1.2 - 1.6 kg/m ²)	0.85 - 1.15 l/m ² (1.2 - 1.6 kg/m ²)	0.85 l/m ² (1.2 kg/m ²)	0.85 l/m ² (1.2 kg/m ²)	0.85 l/m ² (1.2 kg/m ²)	0.85 l/m ² (1.2 kg/m ²)	1.0 - 1.15 l/m ² (1.4 - 1.6 kg/m ²)	1.0 - 1.15 l/m ² (1.4 - 1.6 kg/m ²)
Second Coat Coverage Rate	0.5 l/m ² (0.7 kg/m ²)	0.5 l/m ² (0.7 kg/m ²)	0.5 l/m ² (0.7 kg/m ²)	0.5 l/m ² (0.7 kg/m ²)	0.5 l/m ² (0.7 kg/m ²)	0.5 l/m ² (0.7 kg/m ²)	0.5 l/m ² (0.7 kg/m ²)	Light Grey Only 0.5 l/m ² (0.7 kg/m ²)

* Adhesion tests may be required for certain substrates to confirm preparation and priming requirements.

All coverage rates are indicative only and subject to confirmation on site.

Flexitec 2020 System Components

Flexitec 2020 Resin

Main liquid component used for both the base and top coats



Pack Size	Coverage	Code
20 kg	7.4 - 10.6m ² Two coat application	162003
10 kg	3.7 - 5.3 m ² Two coat application	162002

Flexitec 2020 Primer

A universal primer for most surfaces including felt, asphalt, concrete, PVC single ply and timber



Pack Size	Coverage	Code
5 kg	17 - 26 m ²	158105

Powder Hardener

Added to Flexitec 2020 Resin and Primer to trigger curing process



Pack Size	Code
1 kg	102013
500 g	102014

Res-Tec 225g/m² CSM

Chopped strand mat reinforcement embedded in the first coat



Pack Size	Coverage	Code
~120m ²	111 m ²	104111
30m ²	27.8 m ²	104322
15m ²	13.9 m ²	104321

Winter Accelerators

Low temperature additive to allow installations down to 1°C



Item	Coverage	Code
Resin Accelerator	1 pack per 10kg Resin	162005
Primer Accelerator	1 pack per 5kg Resin	158106

Flexitec Detailer

A flexible, fibre-reinforced resin for use on roof detailing, inaccessible areas, levelling and minor repairs.



Pack Size	Coverage	Code
5 kg	2 - 3 m ²	162011

Metal Detailing Primer

A single pack, fast drying metal primer in a resealable 250ml tin. Ideal for small areas of metal.



Pack Size	Coverage	Code
6x 250ml	10 - 30 m ² (per box of 6)	122067

SP Primer

A moisture curing primer for PVC, TPO and EPDM single-ply (subject to adhesion tests).



Pack Size	Coverage	Code
1 ltr	12 - 15 m ²	122006

Acetone

Used for cleaning tools and as a pre-surface treatment for some substrates



Pack Size	Code
5 ltr	109106
1 ltr	109026

Balcony & Walkway Finishes

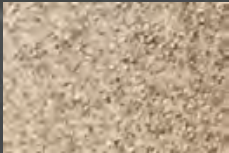
Flexitec 2020 offers a seamless, durable and attractive finish for balconies, walkways and terraces. When used in conjunction with the Flexitec Balcony Sealer, a high-performance PMMA finishing resin, the system provides an extremely hardwearing finish that can accommodate heavy foot traffic and balcony usage.



Quartz Sand Aggregate with Flexitec Balcony Sealer Light Grey



Quartz Sand Aggregate with Flexitec Balcony Sealer Dark Grey



Quartz Sand Aggregate with Flexitec Balcony Sealer Clear



Barn Owl Blend Aggregate with Flexitec Balcony Sealer Clear



Vineyard Blend Aggregate with Flexitec Balcony Sealer Clear



Hillside Blend Aggregate with Flexitec Balcony Sealer Clear



Bayside Blend Aggregate with Flexitec Balcony Sealer Clear



Harvest Blend Aggregate with Flexitec Balcony Sealer Clear



Mist Blend Aggregate with Flexitec Balcony Sealer Clear



Green Mineral Slate Chippings



Blue Mineral Slate Chippings



Contact us for product code, pack sizes and coverage rates

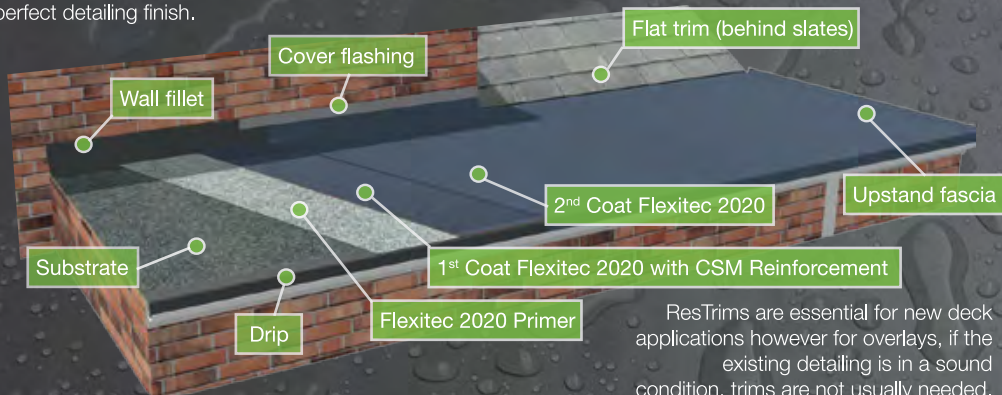
Key Application Tools

Code	Item
109075	75mm Roller Complete
109076	75mm Roller Sleeve
109078	180mm Roller Complete
109079	180mm Roller Sleeve
109142	100mm Tiger Stripe Roller Frame
109143	100mm Tiger Stripe Roller Sleeves
109144	225mm Medium Pile Roller Frame
109145	225mm Medium Pile Roller Sleeve
109149	350mm Rubber Squeegee

Code	Item
109024	25mm Paint Brush
109023	50mm Paint Brush
109146	1.2-2.4m Extendable Pole
109012	1.2m Extended Handle
109099	Infra-Red "Laser" Thermometer
104401	Butyl Lap Tape (75mm x 10m)
104402	Butyl Bolt Tape (50mm x 15m)
109147	Roller Scuttle Bucket
109136	Flexitec 2020 Application Kit

RESTRIMS

Flexitec 2020 is fully compatible with the ResTrims range of pre-formed GRP edge details. ResTrims are made to be robust, tough and are designed to create a perfect detailing finish.

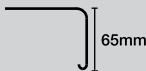
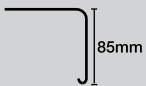


ResTrims are essential for new deck applications however for overlays, if the existing detailing is in a sound condition, trims are not usually needed.

Drip Trims

Installed at perimeter edges where water runs off into external rainwater goods

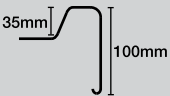
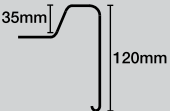


Trim	Code	Length	Pack Size	Dimensions
Drip - 65mm (A170)	157112	3m	Pack of 10	
Drip - 85mm (A200)	157113	3m	Pack of 10	

Upstand Fascia Trims *aka Raised Edge*

Installed at perimeter edges where a water check is needed to prevent the run off of water

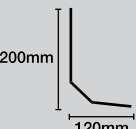


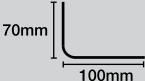
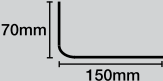
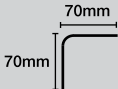
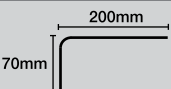
Trim	Code	Length	Pack Size	Dimensions
Upstand Fascia - 100mm (B230)	157114	3m	Pack of 10	
Upstand Fascia - 120mm (B260)	157115	3m	Pack of 10	

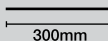
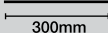
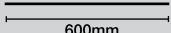
Wall Fillet Trims

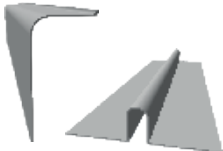
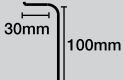
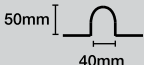
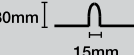
Installed at a junction between the roof deck and a wall or other right angle details



Trim	Code	Length	Pack Size	Dimensions
Wall Fillet (D260)	157116	3m	Pack of 10	
Long Leg Wall Fillet (D300)	157123	3m	Pack of 10	

Angle Trims	Trim	Code	Length	Pack Size	Dimensions
Multi-use trim for forming details such as upstands, gutter floors or steps  	Short Internal Angle (AT170INT)	157118	3m	Pack of 10	
	Long Internal Angle (AT220INT)	157120	3m	Pack of 10	
	Short External Angle (AT150EXT)	157119	3m	Pack of 10	
	Long External Angle (AT275EXT)	157121	3m	Pack of 10	

Flat Trims	Trim	Code	Length	Pack Size	Dimensions
Used primarily at pitched roof abutment details as a layboard underneath slates 	Flat Sheet - 300mm (F300)	157122	3m	Pack of 10	
	Flat Sheet - 300mm Roll (F300)	157107	20m	Each	
	Flat Sheet - 600mm (F600)	157108	20m	Each	

Simulated Metal Trims	Trim	Code	Length	Pack Size	Dimensions
A range of decorative trims to reproduce the look of lead or zinc and a cover flashing trim 	Cover Flashing (C100)	157105	3m	Pack of 10	
	Lead Roll (ER35/40)	157130	3m	Pack of 10	
	Standing Seam (ER15)	157131	3m	Pack of 10	

Corner (C1)	
Used at the junction between a drip and upstand fascial trim	
	
Code	Pack
157109	Each

External Corner (C3)	
Used at the junction between two wall fillet (D260) trims	
	
Code	Pack
157132	Each

Internal Corner (C3)	
Used at the junction between two wall fillet (D260) trims	
	
Code	Pack
157133	Each