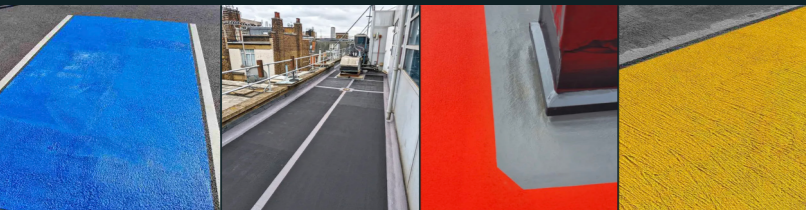


# SAFESTEP

## DURABLE ANTI-SLIP COATING FOR TRAFFICKED AREAS



### Why SafeStep Anti-Slip Coating?

SafeStep is a hybrid MMA anti-slip coating suitable for a range of trafficked applications.

#### PERFECT FOR...

Walkways  
Steps  
Access Ramps  
Platforms  
Parking Bays  
Flat Roofs  
Loading Bays  
Factory Flooring  
and much more...

#### FEATURES

- Simple application ensures even, slip resistant finish
- Good slip resistance providing enhanced safety
- Tough and durable
- Non-toxic binder system
- Highly resistant to discolouration



- One resin system - no separate base and topcoat
- Highly flexible, extra-tough and seamless waterproof membrane
- Saves time and money by overlaying a roof rather than stripping back and replacing
- Can be applied to felt, asphalt, single-ply, GRP, concrete, timber or metal. (primer maybe required)
- Shower proof whilst curing
- Fast curing system - walk on times of between 30-60 mins
- Two-coat application can be completed within one hour
- Crack resistant with no risk of weak points
- One-pot system - one coat for a 10-year system and/or two coats for a 20 year system
- Uses granule hardener rather than liquid catalyst for safer and easier use
- Can accommodate heavy foot traffic

**TUFF STUFF**  
FLEXIBLE GRP



## READY RECKONER

The Tuff Stuff Estimator is a great tool for calculating materials required to install Flexible GRP onto roofs of various sizes and substrates. Depending on the roughness of the existing roof surface, enter the size of the roof area and the estimator will calculate the required amount of materials including Flexible GRP, Reinforcement Mat, Flexible GRP Primer, and Granule Hardener. Use the chart opposite or scan the QR code and enter the roof details for an estimate.

TuffStuff Accelerator maybe required in low temperatures below 5°C. Mix the Accelerator with Flexible GRP before adding the required amount of Granular Hardener.

Based on 3% Hardener addition



SCAN FOR SUBSTRATES COVERAGE

#### SURFACE ROUGHNESS

##### SMOOTH

10M<sup>2</sup>

25M<sup>2</sup>

50M<sup>2</sup>

##### MEDIUM

10M<sup>2</sup>

25M<sup>2</sup>

50M<sup>2</sup>

##### ROUGH

10M<sup>2</sup>

25M<sup>2</sup>

50M<sup>2</sup>

	PRIMER 5Kg = 20m <sup>2</sup> (TFF02) 1Kg = 4m <sup>2</sup> (TFF13)	FLEXIBLE GRP 2.1Kg/M <sup>2</sup> coverage 7M per pack (TFF01)	225GSM CSM (15M <sup>2</sup> - TTP08, 30M <sup>2</sup> - TTP04, 60M <sup>2</sup> - TTP02)	GRANULE HARDENER (TFF03)
SMOOTH				
10M <sup>2</sup>	1 x 5kg	2 x 15kg	1 x 15M <sup>2</sup>	2 x 0.5Kg
25M <sup>2</sup>	2 x 5Kg	4 x 15Kg	1 x 30M <sup>2</sup>	5 x 0.5Kg
50M <sup>2</sup>	3 x 5kg	7 x 15kg	1 x 60M <sup>2</sup>	8 x 0.5Kg
MEDIUM				
10M <sup>2</sup>	1 x 5kg	2 x 15kg	1 x 15M <sup>2</sup>	2 x 0.5Kg
25M <sup>2</sup>	2 x 5Kg	4 x 15kg	1 x 30M <sup>2</sup>	5 x 0.5Kg
50M <sup>2</sup>	3 x 5kg	8 x 15kg	1 x 60M <sup>2</sup>	9 x 0.5Kg
ROUGH				
10M <sup>2</sup>	1 x 5kg	2 x 15kg	1 x 15M <sup>2</sup>	2 x 0.5Kg
25M <sup>2</sup>	2 x 5Kg	4 x 15kg	1 x 30M <sup>2</sup>	5 x 0.5Kg
50M <sup>2</sup>	3 x 5kg	8 x 15kg	1 x 60M <sup>2</sup>	9 x 0.5Kg

NOTE: Allow for a minimum 10% for wastage (not included in above figures)

## TUFF STUFF FLEXIBLE GRP

### THE ULTIMATE MULTI PURPOSE GRP ROOFING SYSTEM

Highly flexible, extra-tough and seamless one resin waterproof membrane



WWW.TUFFSTUFF.CO.UK

## CATALYST ADDITION RATE



Flexible GRP requires Granular Hardener to cure. Use the catalyst addition chart opposite to calculate the required amount. A minimum of 2% and a maximum of 4% will be required depending on temperature. Never use less than 2% even in hot conditions and never use more than 4% even in the coldest conditions. Using the scoop provided in the Granular Hardener, add the required amount of level scoops to the Flexible GRP.



TEMPERATURE RANGE	5-10°C	11-17°C	18-30°C	
CATALYST ADDITION RATE	4%	3%	2%	
VOLUME	WEIGHT	CATALYST SCOOPS		
1Ltr	1.4Kg	4	3	2
2Ltr	2.8Kg	8	6	4
3Ltr	4.2Kg	12	9	6
4Ltr	5.6Kg	16	12	8
5Ltr	7.1Kg	20	15	10
6Ltr	8.5Kg	24	18	12
7Ltr	10Kg	28	21	14
8Ltr	11.3Kg	32	24	16
9Ltr	12.7Kg	36	27	18
10Ltr	14.1Kg	40	30	20

#### BALCONY SEALER

Balcony Sealer is used with SafeStep to increase wearability, aid cleaning & colour retention. It is used for protection against chemical erosion for ponds, and swimming pools. TuffStuff Balcony Sealer is available in Grey or Clear (pigmented to any colour).

Tuffstuff Sealer Coat (Grey) - TFF09  
Tuffstuff Sealer Coat (Clear) - TFF10

NOTE: Used in conjunction with the granule hardener.

IMPORTANT - The temperature ranges shown are to be used as a guide, we advise that a test mix for the suggested Granular Hardener level is carried out before starting application. Granular Hardener levels can then be adjusted as required.



TuffStuff® is the UK's premium designer, manufacturer and supplier of heavy-duty GRP waterproof flat roofing systems.

TuffStuff® has a dedicated product development team that work closely with customers and our own UK based manufacturing facility to produce an evolving product range that is suitable for multiple flat roof applications.

For more information or a no-obligation consultation please contact our friendly sales team

Tel: 01977 680250

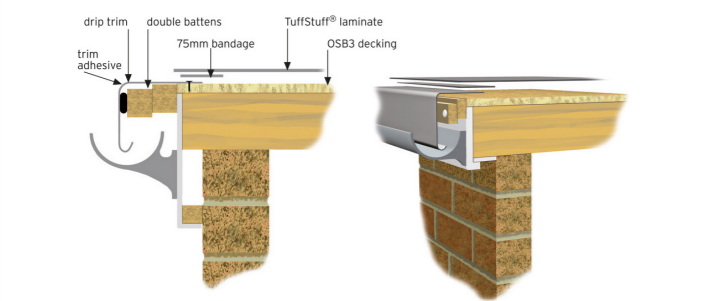


TuffStuff GRP is a brand name of Tuff Waterproofing Ltd

[www.tuffstuff.co.uk](http://www.tuffstuff.co.uk)

Email: [info@tuffwaterproofing.co.uk](mailto:info@tuffwaterproofing.co.uk)

## DRIP EDGE TRIMS

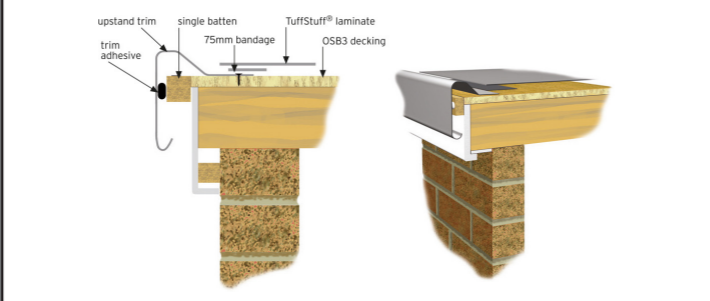


	<b>SMALL DRIP TRIM A170</b> Dim 'A' 65mm Dim 'B' 90mm	PRODUCT CODE: TST05
	<b>STANDARD DRIP TRIM A200</b> Dim 'A' 90mm Dim 'B' 90mm	PRODUCT CODE: TST06
	<b>DEEP DRIP TRIM A250</b> Dim 'A' 145mm Dim 'B' 90mm	PRODUCT CODE: TST07
	<b>AF200 ADVANCED DRIP EDGE TRIM</b> Dim 'A' 90mm Dim 'B' 80mm <i>The new design eliminates water kick-back and only requires a single support batten.</i>	PRODUCT CODE: TST06AF

**DESCRIPTION** All dimensions are approximate

- Trim fitted to lower edge of roof to guide rainwater into gutter
- All 3 metres long • 4 variants available

## UPSTAND (RAISED EDGE) TRIMS

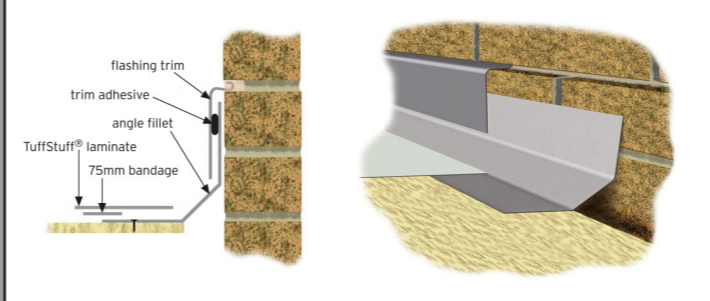


	<b>STANDARD UPSTAND TRIM (RAISED EDGE) B230</b> Dim 'A' 105mm Dim 'B' 110mm Dim 'C' 75mm	PRODUCT CODE: TST08
	<b>DEEP UPSTAND TRIM (RAISED EDGE) B260</b> Dim 'A' 125mm Dim 'B' 110mm Dim 'C' 95mm	PRODUCT CODE: TST09
	<b>EXTRA DEEP UPSTAND TRIM (RAISED EDGE) B300</b> Dim 'A' 175mm Dim 'B' 110mm Dim 'C' 145mm	PRODUCT CODE: TST10

**DESCRIPTION** All dimensions are approximate

- Trims fitted on perimeter of roof (non draining edges) to overlap fascia
- All 3 metres long • 3 sizes - standard, deep and extra deep

## ANGLE FILLET TRIMS

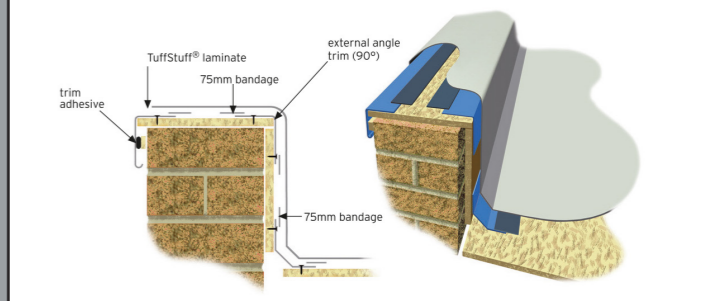


	<b>STANDARD ANGLE FILLET TRIM (WALL FILLET) D260</b> Dim 'A' 115mm Dim 'B' 60mm Dim 'C' 75mm	PRODUCT CODE: TST17
	<b>LONG LEG ANGLE FILLET TRIM (WALL FILLET) D300</b> Dim 'A' 185mm Dim 'B' 60mm Dim 'C' 80mm	PRODUCT CODE: TST18

**DESCRIPTION** All dimensions are approximate

- To be used at junction of roof and wall, in conjunction with C100/C150 Flashing Trims
- All 3 metres long • 2 variants - standard and long leg

## EXTERNAL ANGLE TRIM (90°)

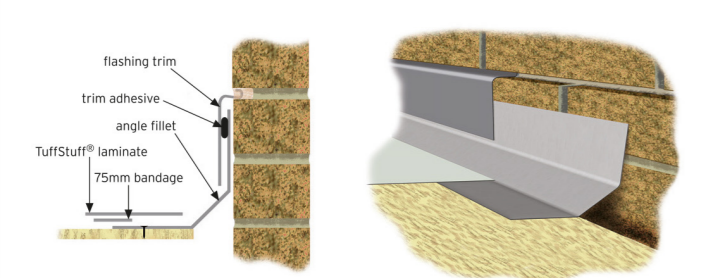


	<b>INTERNAL ANGLE TRIM AT195INT</b> Dim 'A' 100mm Dim 'B' 70mm Inside face accepts laminate	PRODUCT CODE: TST25
	<b>EXTERNAL ANGLE TRIM AT195EXT</b> Dim 'A' 100mm Dim 'B' 70mm Outside face accepts laminate	PRODUCT CODE: TST26
	<b>EXTERNAL ANGLE TRIM AT300EXT</b> Dim 'A' 240mm Dim 'B' 90mm Outside face accepts laminate	PRODUCT CODE: TST43

**DESCRIPTION** All dimensions are approximate

- Used to trim a right angled corner
- 3 metres long

## SIMULATED LEAD FLASHING TRIM

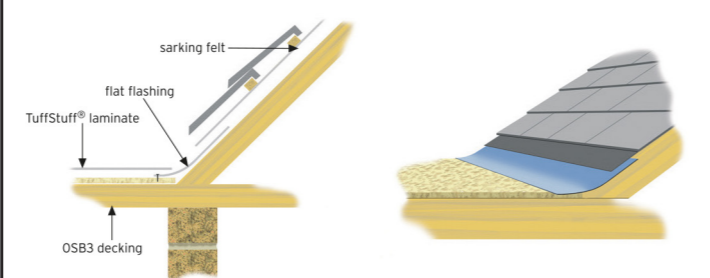


	<b>STANDARD SIMULATED LEAD FLASHING C100</b> Dim 'A' 100mm Dim 'B' 30mm	PRODUCT CODE: TST11
	<b>LONG LEG SIMULATED LEAD FLASHING C150</b> Dim 'A' 150mm Dim 'B' 40mm	PRODUCT CODE: TST15
	<b>SIMULATED LEAD FLASHING &amp; MOISTURE TRAP C100MT</b> Dim 'A' 100mm Dim 'B' 35mm	PRODUCT CODE: TST12
	<b>SIMULATED LEAD FLASHING + EXTRA PENETRATION C100L</b> Dim 'A' 100mm Dim 'B' 50mm	PRODUCT CODE: TST13
	<b>LONG LEG SIMULATED LEAD FLASHING + EXTRA PENETRATION C150L</b> Dim 'A' 150mm Dim 'B' 50mm	PRODUCT CODE: TST16
	<b>SIMULATED LEAD FLASHING &amp; MOISTURE TRAP + EXTRA PENETRATION C100LMT</b> Dim 'A' 100mm Dim 'B' 55mm	PRODUCT CODE: TST14

**DESCRIPTION** All dimensions are approximate

- Trim fitted into wall to seal roof at junction of roof and wall, usually fitted over D260/300 Angle Fillet
- All 3 metres long • 6 variants - C100 most commonly used

## FLAT FLASHING ON A ROLL

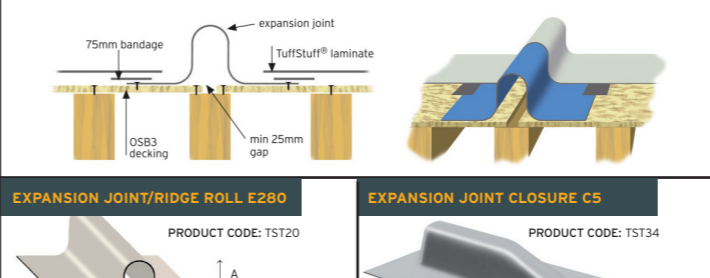


	<b>FLAT FLASHING (ON A ROLL) F300</b> Dim 'A' 300mm	PRODUCT CODE: TST21
	<b>FLAT FLASHING (ON A ROLL) F600</b> Dim 'A' 600mm	PRODUCT CODE: TST22
	<b>FLAT FLASHING (ON A ROLL) F900</b> Dim 'A' 900mm	PRODUCT CODE: TST23

**DESCRIPTION** All dimensions are approximate

- To be used where a flat roof meets a pitched roof
- Available in 3m & 20m lengths • 3 widths - 300mm, 600mm and 900mm

## EXPANSION JOINT (RAISED RIDGE ROLL) + END CLOSURE

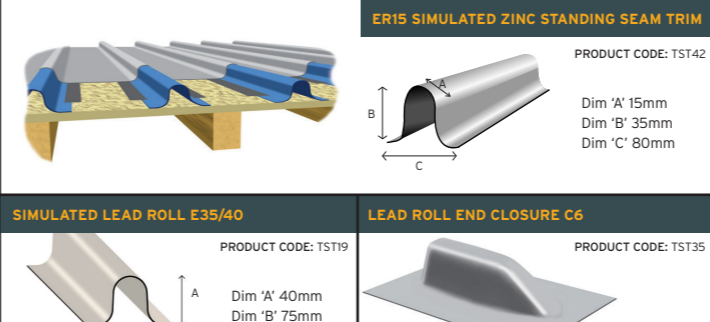


	<b>EXPANSION JOINT/RIDGE ROLL E280</b> Dim 'A' 65mm Dim 'B' 185mm	PRODUCT CODE: TST20
	<b>EXPANSION JOINT CLOSURE C5</b>	PRODUCT CODE: TST34

**DESCRIPTION** All dimensions are approximate

- Used to form expansion joint over 50°M
- Also used on a ridge connecting two sloping roofs
- All 3 metres long

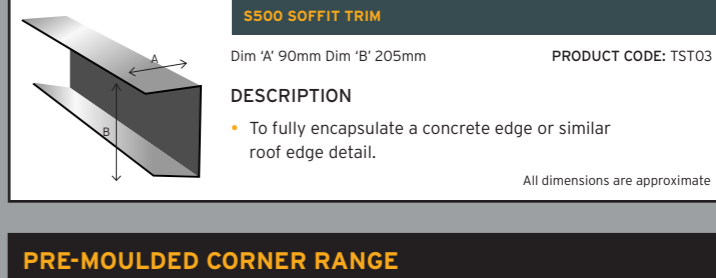
## SIMULATED LEAD ROLL/ZINC AND END CLOSER



**DESCRIPTION** All dimensions are approximate

- ER15 - Simulates the appearance and finish of a traditional Zinc standing seam roof
- E35/40 Used to simulate lead rolls on flat decking
- Mechanically fixed through flanges and spaced at appropriate intervals before over laminating
- C6 End Closure available

## SOFFIT TRIM



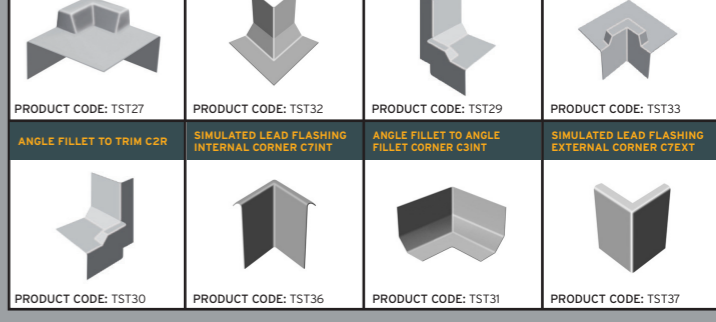
**S500 SOFFIT TRIM**  
Dim 'A' 90mm Dim 'B' 205mm  
PRODUCT CODE: TST03

**DESCRIPTION**

- To fully encapsulate a concrete edge or similar roof edge detail.

All dimensions are approximate

## PRE-MOULDED CORNER RANGE



Many corners can be moulded using reinforcing mat and resin, these moulded items provide a quick, pre-made alternative

**TUFF STUFF**  
FLEXIBLE GRP