

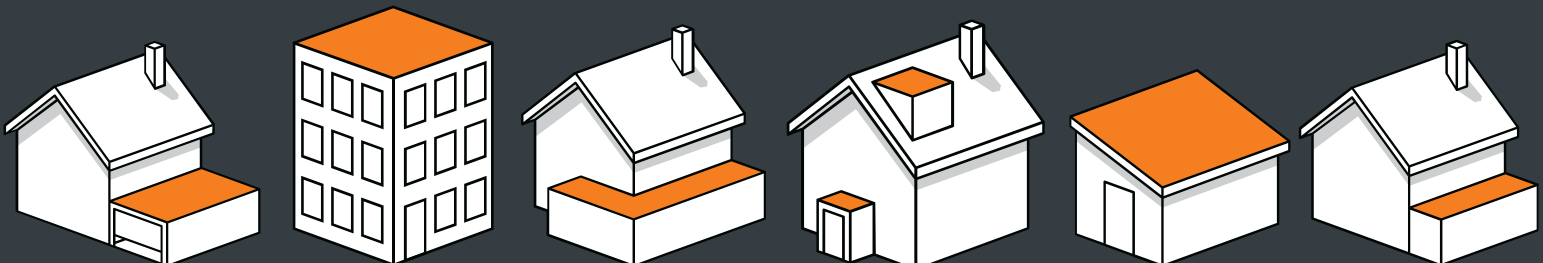


**BROOF(t4)  
APPROVED**

# TRC

TECHNO RUBBER COMPANY

**ONE PIECE EPDM**



# Why Techno EPDM?

- With more than 15 years' experience in EPDM manufacturing, Techno Rubber Company has a proven track record of making products with superior durability, flexibility and UV resistance.
- The Techno Rubber Company manufacturing plant makes use of the latest cutting edge technology, has ISO 9001 certification, and our annual capacity far exceeds 10 million m<sup>2</sup>.
- Attractive appearance and incredibly durable.
- Maximum roll size 12.2m x 30.5m.
- Environmentally friendly.
- 1.2mm Standard EPDM.
- 1.52mm Heavy Duty EPDM.
- BBA Certificate of Conformity.
- CE approved.
- Domestic, Commercial and Industrial.



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## Quick & Easy Installation

Techno EPDM is available in sheet sizes up to 12.20m in width and 30.5m in length, resulting in fewer seams and shorter installation time.

## Superior Durability & Longevity

Techno EPDM offers unmatched resistance to ozone, UV radiation, extremes of low and high temperatures, and ultimately ageing.

## Low Life-Cycle Cost

Techno EPDM requires little or no maintenance. This feature, combined with the inherent durability and competitive installed cost, results in a very low life-cycle cost.

## High Flexibility

Techno EPDM remains highly flexible even at temperatures down to -45°C.







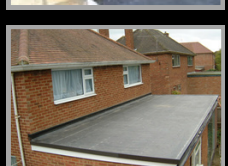

## Ordering tips

- Most Techno EPDM roofs can be installed in one piece.
- Our largest roll is 12.20m by 30.5m. Simply order from your stockist before midday for next day delivery.
- We only cut rectangles or squares: we cannot cut triangles, circles, L-shapes, etc.
- When ordering your EPDM, please ensure you allow for any extra membrane to either drop into the gutter or extend up a wall or parapet.

The EPDM is cut to size to fit the roof, meaning you have a pre-cut tarpaulin on site, should the weather suddenly change.

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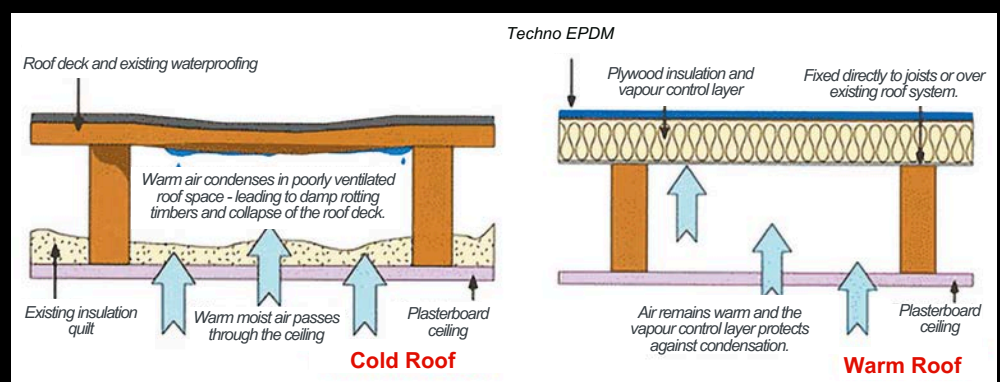
## A Typical Cold Roof Installation

Strip the existing roof back to bare decking or overboard with new ply or OSB.	
Remove arris rails from any open edges and fix 2" x 1" timber batten to perimeter.	
Lay rubber in the correct position and allow to relax for 20 minutes.	
Fold one half of the membrane back and, after stirring, roller-apply water-based adhesive to the deck. Repeat to other half of the roof. Sweep out any air bubbles.	
Thinly apply contact adhesive to both rubber and upstand. Allow to dry, then mate together.	
Use primer and 9" flashing tape to seal where the roof corners abut the building.	
Fix Techno Trims to the roof perimeter with matching corners and joiners, using the colour-coded polynails.	
Install wall trim to rear.	

## Warm Roofs

In order to comply with ever-changing building regulations, the roof may need to be insulated and turned into a warm roof. The best way to achieve this is by using a foil-backed insulation and overboard with OSB or plywood, screwed into the deck.

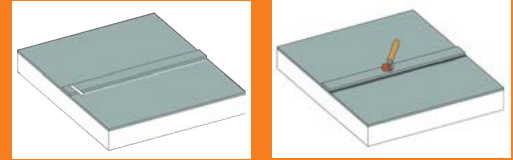
The membrane can then be adhered to the timber. This option normally means that the perimeter fascias will need to be replaced due to the finished deck height being raised.



# Other Common Details

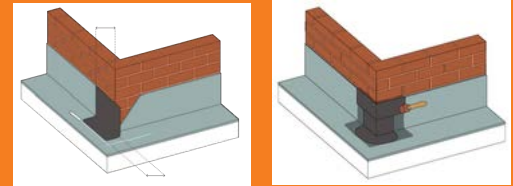
## Joining membrane

Use primer and 3" splice tape.



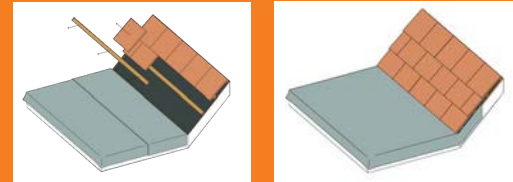
## External corners

For skylights, chimneys etc use primer and 9" flashing tape.



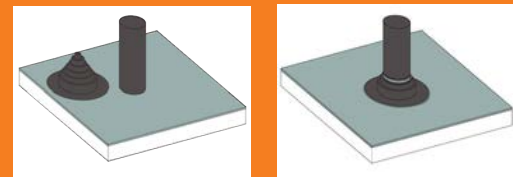
## Adjoining slates or tiles

Remove bottom courses of tiles, lift underfelt and adhere membrane to the layboard with contact adhesive. Then reinstall underfelt and tiles.



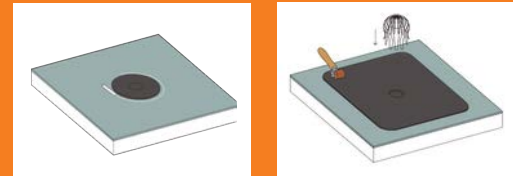
## Vent pipes

Use primer and preformed pipe boot for pipes up to 6" diameter.



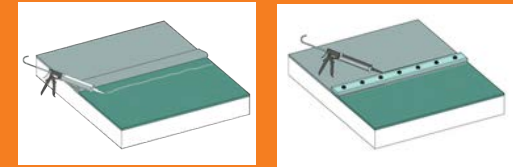
## Rainwater outlet

Lay membrane over downpipe, cut aperture, insert spigot and secure with fixings. Apply primer and seal with 9" flashing.



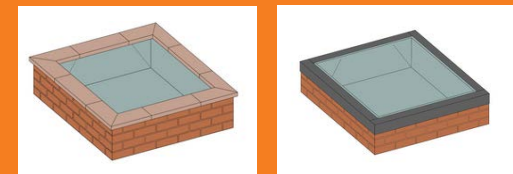
## Joining felt roof

Overlap onto adjacent roof with termination bar and waterblock.



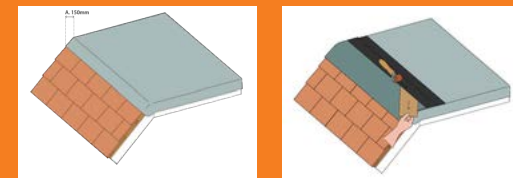
## Parapet

Dress the membrane up and over the parapet and stick with contact adhesive. Then install a coping stone bedded on mortar or use a TechnoTrim to the outer elevation.



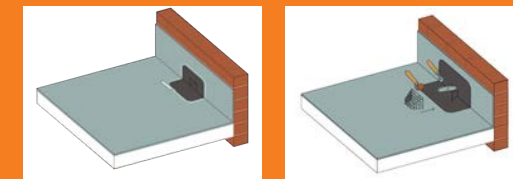
## Draining onto slates or tiles

Dress membrane onto tiles by approx 5", secure 9" lead, in 1m lengths through the rubber, 3" on the deck and 6" onto the tiles. Waterproof the lead with primer and 5" covertape.



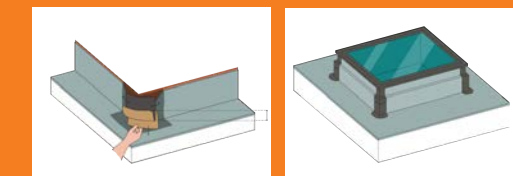
## Thru wall outlet/scupper

Use primer and 9" flashing tape to seal.



## Rooflight

Cut rubber from corner to opposite corner. Use 9" flashing tape and primer to seal the corners.





# TECHNO TRIM

"GIVE YOUR FLAT ROOF THE EDGE...  
WITH TECHNO TRIM"

## THE ULTIMATE FLAT ROOF EDGE TRIM



# TECHNO TRIM

Available in Black, White and Anthracite

### Edge Trim

One piece, pre-drilled and foamed, supplied with fixings and a joiner. 2500mm long.



### Gutter Trim

Two piece, pre-drilled, supplied with fixings and a joiner. 2500mm long.

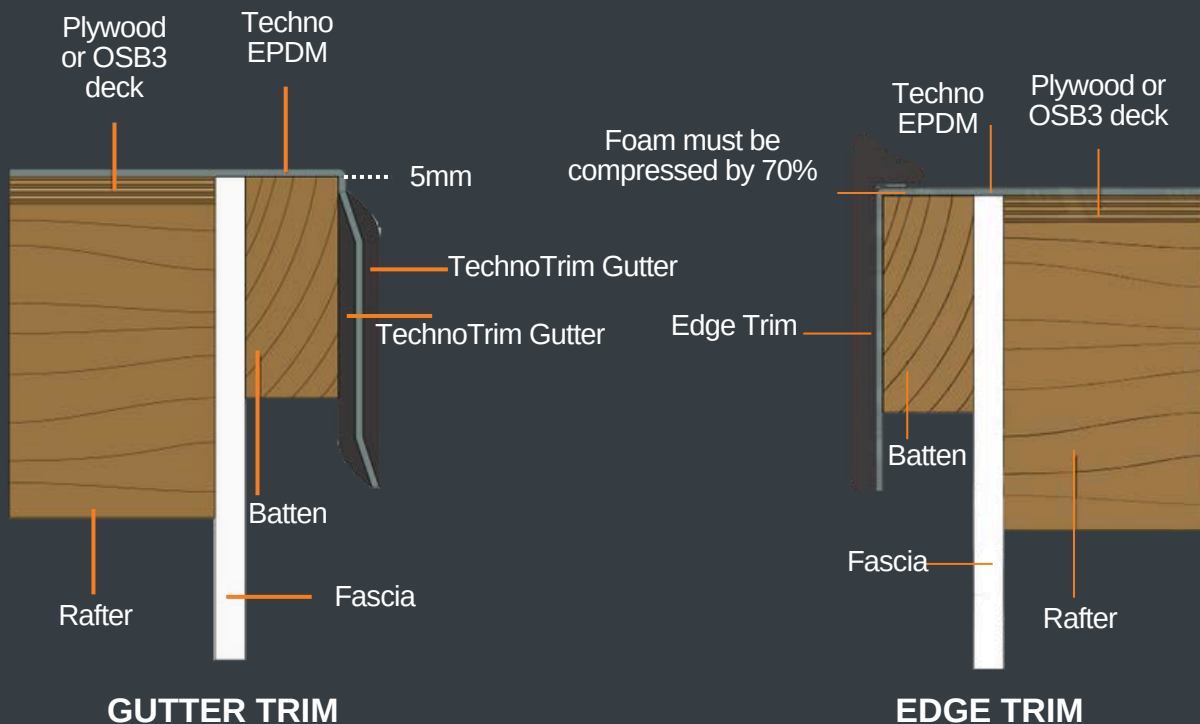


### Corners

We supply 90° external and internal corners for edge trims, and 90° external corners for gutter trims.



## CROSS- SECTION







# PRODUCT RANGE






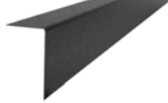

## Membrane



	T045	<b>Techno EPDM</b> 1.2mm Dark grey	Cut to size (max 12.20m x 30.5m) 1.5kg per m <sup>2</sup> .
	T060	<b>Techno EPDM</b> 1.52mm Dark grey	Cut to size (max 12.20m x 30.5m) 2 kg per m <sup>2</sup> .

## Adhesives & Primers

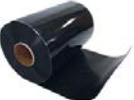






	TWBA2.5 TWBA5 TWBA10 TWBA20	<b>Techno Water Based Adhesive</b>	Used for adhering membrane to ply or OSB board on flat or gently sloping roofs. Approx:- 3 - 4m <sup>2</sup> per litre.
	TCA2.5 TCA5	<b>Techno Contact Adhesive</b>	Used for upstands and masonry. Allow adhesive to be touch dry before mating. Approx:- 2 - 3m <sup>2</sup> per litre.
	TCA0.75 TCA22	<b>Techno Contact Adhesive (Spray)</b>	A sprayable version of the contact adhesive. Approx:-1.2- 1.5m <sup>2</sup> canister.
	TP0.25 TP1 TP5	<b>Techno Primer</b>	Used with all TechnoTape products. Apply with scrubber pads. Must be touch dry prior to sticking.

## Trims





	TETB BLACK TETW WHITE TETA ANTHRACITE	<b>TechnoTrim Edge</b> 2.5m length, 110mm depth. Pre-drilled complete with joining clip, fixings and foam.	Used to mechanically fix the membrane on exposed edges.  Raised profile designed to keep water on the roof.
	TGTB BLACK TGTW WHITE TGTA ANTHRACITE	<b>TechnoTrim Gutter (2 part)</b> 2.5m length, 65mm depth. Pre- drilled complete with joining clip and fixings.	Used to mechanically fix the membrane on the gutter side and allow water to drain over.
	TECB BLACK TECW WHITE TECA ANTHRACITE	<b>TechnoTrim External Edge Corner</b> 50mm x 50mm x 110mm. Complete with fixings.	For 90° corners where two edge trims meet or edge trim meets gutter trim.
	TICB BLACK TICW WHITE TICA ANTHRACITE	<b>TechnoTrim Internal Corner</b> 50mm x 50mm x 110mm. Complete with fixings.	For 90° internal corners where two edge trims meet.
	TGCB BLACK TGCW WHITE TGCA ANTHRACITE	<b>TechnoTrim External Gutter Corner</b> 50mm x 50mm x 70mm. Complete with fixings.	For 90° external corners where two gutter trims meet.
	WT	<b>Plastisol Wall Trim</b> Leather grain organic coated. 2.5 m lengths. 70mm deep, 30mm return.	Used as a coverflashing to mechanically fix EPDM to brickwork elevations.
	TB	<b>Termination Bar</b> Extruded aluminium profile.	Used for fixing rubber to masonry, upstands or adjoining felt roof.

	TBF	Termination Bar Fixings	33 x 38mm hex head fixings c/w black cap.
	ET3 ET4 ET5 ET6	3" Metal Edge Trim 4" Metal Edge Trim 5" Metal Edge Trim 6" Metal Edge Trim	50mm top face.



## Flashings









	T12FT T12FTM (L/M)	12" Flashing Tape 15.25m roll or per linear metre.	For detailing pipes, skylights, external corners and other awkward details. Techno Primer is required for this product.
	T9FT T9FTM (L/M)	9" Flashing Tape 15.25m roll or per linear metre.	For detailing pipes, skylights, external corners and other awkward details. Techno Primer is required for this product.
	T5FT T5FTM (L/M)	5" Flashing Tape 30.5m roll or per linear metre.	For detailing pipes, skylights, external corners and other awkward details. Techno Primer is required for this product.
	T6CT T6CTM (L/M)	6" Cover Strip 30.5m roll or per linear metre.	For sealing batten bars, lead or metal edge trims. Techno Primer is required for this product.
	T3ST T3STM (L/M)	3" Splice Tape 30.5m roll or per linear metre.	For joining two pieces of EPDM together with an overlap joint. Techno Primer is required for this product.
	UPS	Moulded Pipe Flashing	For sealing pipes. From 25mm to 150mm diameter. Techno Primer is required for this product.
	TCF	Corner Flashings	216mm circular piece of flashing, for detail work or patching. Techno Primer is required for this product.

## Drains

	RWO60 RWO80 RWO100	Synthetic Rubber Drain Outlets Available in 60mm, 80mm or 100mm pipe sizes. 240mm shaft.	For internal rainwater outlets. Must be finished with Flashing Tape and Techno Primer.
	LEAFGUARD	Leaf Guard	For synthetic rubber drain outlets.
	HD65 HD100	Horizontal Drain Outlets 65mm x 100mm x 420mm. 100mm x 100mm x 420mm.	For thru wall drainage. Must be finished with Flashing Tape and Techno Primer.
	HDS65 HD100	Spigot	To connect to horizontal drain outlets to allow water to disperse into a hopper or similar.
	HDL	Horizontal Drain Leaf Guard	For horizontal drain outlets.

## Accessories

	US	Universal Sealant	General purpose low modulus black silicone to use with wall trims. 3 linear metres.
	WB	Water Block Sealant	Used behind membrane when fixing a termination bar. 3 linear metres.

	<b>LS</b>	<b>Lap Sealant</b>	To seal and mechanically protect the exposed edge of Techno Tape products. 3 linear metres.
	<b>TCLEAN</b>	<b>EPDM Cleaner</b>	For cleaning blemishes from Techno EPDM membranes.
<b>Tools</b>			
	<b>SR</b>	<b>Silicone Roller</b>	Used in conjunction with TechnoTape products to achieve a professional finish to detail work.
	<b>PEN</b>	<b>Penny Roller</b>	Used in conjunction with TechnoTape products to achieve a professional finish to detail work.
	<b>PENSIL</b>	<b>Combo Roller</b>	Used in conjunction with TechnoTape products to achieve a professional finish to detail work.
	<b>QSK</b>	<b>Scrubber Kits</b>	Used to apply Techno Primer to EPDM.
	<b>SCI</b>	<b>Scissors</b>	To cut membrane and flashing tapes.
	<b>RO</b>	<b>Roller and Sleeve</b>	For applying water based adhesive.

## Training Courses

### COUNTER STAFF TRAINING - in branch

FREE

Our counter staff training is conducted at your premises and is a great informal way of raising awareness and enhancing product knowledge for branch team members. Training sessions can be run in groups or on a one-to-one basis, depending on your preference.

### CONTRACTOR TRAINING - Avenir Head Office

£89.00 + VAT per person

Installer training at our premises is practical and in depth. The full day session covers roof preparation, warm roof/cold roof installation, adhering and joining membrane, trims and detail work including sealing corners and outlets.

Once the course has been completed, a certificate confirming participation will be received. A light lunch is provided.

### INSTALLER COURSE - in branch

POA

An installer course takes place at your premises. This is your opportunity to invite local customers to attend a session with our approved trainer, where all the standard installation details will be covered, as well as a thorough Q&A to finish. Once the course has been completed, a certificate confirming participation will be received.

### ON-SITE TRAINING

POA

Our on-site training is perfect for contractors looking for support and guidance on live jobs. Our approved trainer will assist on site for one full day - this is often very useful when commencing a new installation to avoid costly pitfalls.

This option of training is subject to availability and quoted individually, based on the project details.

## Quality Manufacturing

Techno Rubber Company operates EPDM plants with state-of-the-art equipment to offer its customers high quality products that last.

The Techno Rubber Company manufacturing plant makes use of the latest cutting-edge technology, has ISO 9001 certification, and our annual capacity far exceeds 10 million m<sup>2</sup>.

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Technical Specification on request