QBM
QUALITY BUILDING MATERIALS

TRAINING MANUAL

2026

RubberCover™
Roofing Made Easy

CONTENTS

APPLICATION REVIEW	4
ROOF PREPARATION	6
EXTERNAL CORNER DETAIL USING QUICKSEAM FORMFLASH	8
3″ SEAM	12
TAPE JOIN	12
PIPE FLASHING DETAIL (PRE-FABRICATED PIPE BOOT)	18
PIPE FLASHING DETAIL (QUICKSEAM FORMFLASH)	20
INTERNAL	22
DRAIN DETAIL	22
THROUGH WALL OUTLET DETAIL	24
PREFABRICATED VENT PIPE DETAIL	26
TERMINATION TO ADJACENT FLAT ROOF DETAIL	28
QBM TRIM DETAIL	30
QBM PLUS TRIM DETAIL	32
ELEVATE QUICKSEAM REPAIR KIT INSTALLATION GUIDE	34
HOW TO ESTIMATE ROOF KITS FOR YOUR PROJECTS.	36
FREQUENTLY ASKED QUESTIONS	37

WELCOME TO THE QBM TRAINING MANUAL

FOR THE ELEVATE RUBBERCOVER EPDM SYSTEM.

This guide is for easy reference to the various installation techniques we demonstrate on our 1 day training course. It is intended to help reinforce your training session, and can be used to remind you of any points we discuss.

The images have been taken from an actual course, so when reading through, you will see step by step how to correctly do that part.

To support this we have a selection of videos on our website, so you can also see it being demonstrated. These can be found at using the link below.

Visit our site >

APPLICATION REVIEW

Adhesives and Tapes

All adhesives and Quickprime plus to be stored at room temperature and stirred regularly before use.

Water-based bonding adhesive not to be applied if ambient temperatures are likely to fall below freezing within 48 hours of installation. Solvent-based bonding adhesive must be used as an alter native.
Solvent-based bonding adhesive to have flashed off adequately before mating (both surfaces tacky to the touch).
Quickprime plus to be applied to all areas where Quickseam products (formflash, corner flashing patch, cover strip tape or SA flashing) are to be attached.

Quickprime plus should be visible past the leading edges of all types by a minimum of 10mm.

Quickprime plus to have flashed off, with no stringing, prior to tape application.
All angle changes in the 6" cover strip take to be flashed over with a 150mm x 229mm patch of Quickseam Formflash.

Termination Bar

Apply Water Block sealant behind membrane prior to installing the Termination Bar.

Install AP fastener in every hole.

Max spacing between bars 10mm.

Termination bars to be kept straight, not bent around angle changes and corners.

Penetrations

Quickseam Formflash is applied a minimum of 6" above the roof deck.

Pipe boots have QBM Bond and Seal applied between the pipe and neck of the boot, and are terminated with a pipe boot clamp.

Edge Trims

QBM trim to have foam tape or QBM Bond and Seal where it mates with EPDM at the roof edge.

Adjacent kerb trim lengths to be capped off and butted up with foam tape or QBM Bond and Seal. Joint clips to be used.

Substrate

Acceptable substrates:

- OSB sterling board or plywood
- Smooth surfaced concrete
- Tissue-faced insulation board, except for polystyrene insulation

Substrate must be dry and all debris and loose particles to be swept clean from substrate before membrane application.

ROOF PREPARATION

Material Storage & Handling

It is essential the roofing contractor is aware of proper storage of roofing materials. The following are some storage recommendations for handling these products.

- Read labels on all adhesive, primer and sealant containers.
- Keep all adhesives, sealants and cleaning products away from ignition sources such as torches, naked flames, fire, sparks, etc and **DO NOT SMOKE** in the vicinity of these products.
- Do not breathe vapours and maintain proper ventilation in storage areas.
- Post No Smoking signs close to areas where these materials are stored.
- Keep the products cool and dry, and out of direct sunlight.
- Keep container lids closed when not in use, due to loss of solvent through flash-off. Open containers must not be placed near any intake ventilators.
- Stir adhesives and Quickprime plus before and during use. If exposed to temperatures less than 10°C, restore the Quickprime plus, adhesives and sealants to room temperature prior to use.
- Extreme warm weather can dry out the solvents in adhesives and Quickprime plus quickly. Protect the pails by installing a piece of insulation board under the can on hot summer days and cover cans with a piece of membrane.
- Never use naked flames to speed up the drying process of adhesives or Quickprime plus. Allow to air dry only. Heat guns may be used to mould Quickprime Formflash. Take care not to over heat.
- Protect all rubber products from discharges such as petroleum products, greases, oils (mineral and vegetable), organic based solvents, animal fats and fresh bitumen (less than 4 weeks old). Do not use materials that have been damaged to the point that they will not perform.
- Protect the EPDM system from direct contact with steam or heat sources when the in-service temperature is in excess of 82°C.

Tools Required

- 2-inch silicon hand roller
- Penny roller
- Stiff broom
- 9-inch paint roller frame and medium nap, solvent compatible roller covers
- Safety glasses and eye cleaning solution
- Mastic gun
- Crayon
- Screw gun and hammer drill
- Solvent resistant rubber gloves
- Stir stick for adhesives
- Tin snips
- Scissors
- Measuring tape
- Hammer
- Duct tape
- Cotton rags

Weather Conditions

There are a few points to consider in order to achieve a quality installation when weather conditions are inclement.

Care should be taken when using adhesives, sealants or Quickprime plus in cold weather conditions (below 10°C). It is necessary to store these products at room temperatures prior to use. Do not allow water-based bonding adhesive to freeze.

If temperatures are likely to fall below freezing in the first 48 hours after application, do not use water-based bonding adhesive to adhere the membrane. In this case, solvent-based bonding adhesive should be used instead.

Certain combinations of temperature and humidity may cause condensation to form on the surface of the membrane. If this occurs, stop the operation and wait for better ambient conditions.

The installation and positioning of large EPDM membranes may be difficult in windy conditions. Prevent any wind getting under the sheet during installation. If necessary, use a temporary ballast to keep the membrane in place until it can be fully secured to the substrate.

Substrate Considerations

The underlying substrate of the roof should be in good condition, with no rotten timbers. All decayed and wet timbers must be replaced.

Standard 18mm OSB3 sterling board or plywood is laid at right angles to joists.

Self-drilling countersunk screws shall be used. Under no circumstances should nails or staples be used for fixing of a timber substrate. These fastenings are inclined to work loose and risk damaging the membrane.

The substrate finish should be smooth, and free of sharp edges, wood splinters, etc. All rough surfaces that could damage the membrane should be isolated or removed.

The roof surface must be dry, as moisture will cause poor membrane adhesion and blistering.

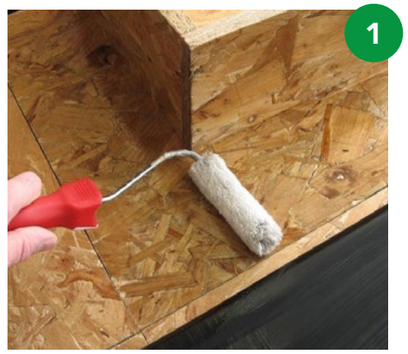
All surfaces areas should be swept to remove debris, dust and other loose particles. Once the roof has been prepared properly and has a clean and dry substrate, the EPDM membrane can be laid in-situ ready for attachment.

There should be a minimum finished fall of at least 1:80 to provide positive drainage.

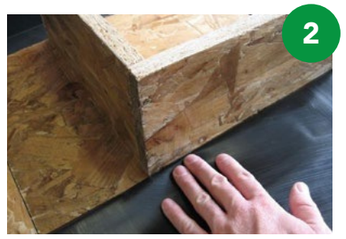
EXTERNAL CORNER DETAIL USING QUICKSEAM FORMFLASH

External Corner Detail (Quickseam Formflash)

The external corner is a common detail and is dealt with as follows. Offer the membrane up to the base of the upstand and fold back enough material to get the 4" roller in and apply the contact adhesive onto the deck, the upstand, and also on the back of the membrane. Note: ELEVATE Bonding Adhesive (contact adhesive) is now dark green in colour.

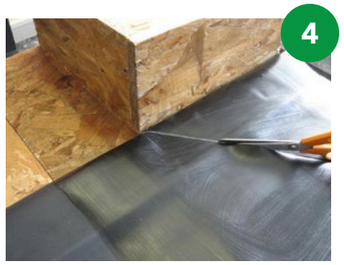


Once the contact adhesive becomes tacky, roll the membrane towards the base of the upstand, pushing right into the angle change to eliminate any tenting.

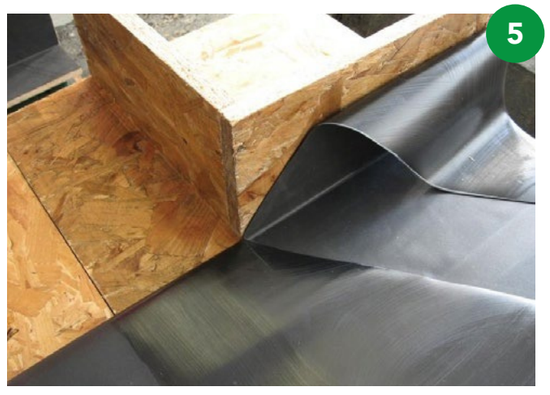


Mark a line with the crayon, at 45° from the corner. This will create the resulting "V-shape" on the upstand.

Cut down the marked line until you reach the upstand corner. Also cut away any excess membrane, to make handling the material easier.



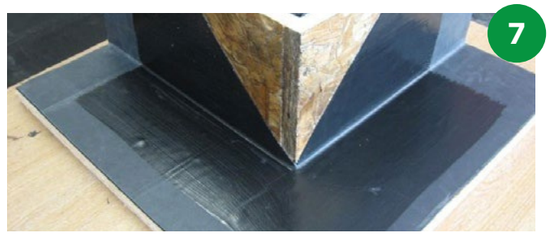
Offer the membrane to the upstand…



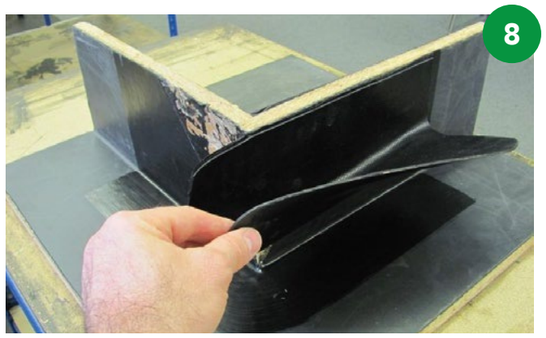
The rest of the membrane can now be applied onto the roof deck around the corner, and then adhered to the upstand using the same procedure.

The corner is to be waterproofed with 2 pieces of Quickseam Formflash, each with a minimum 75mm onto the deck.

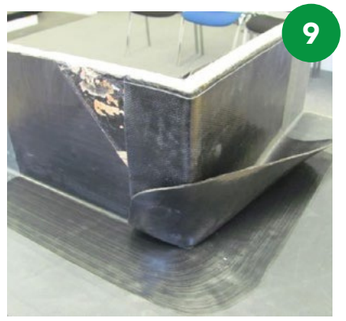
As with any of the Quickseam tapes, Quickprime Plus needs to be applied to the area the tape is to be mated with. Also ensure the area is clean and dry without any dust or debris.



Once the Quickprime Plus is tacky, apply the Quickseam Formflash starting from the top of the upstand working it down towards the base taking care not to let it touch the base just yet.

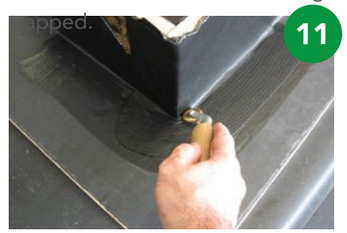


Apply the Quickseam Formflash around the corner by 75mm and attach.



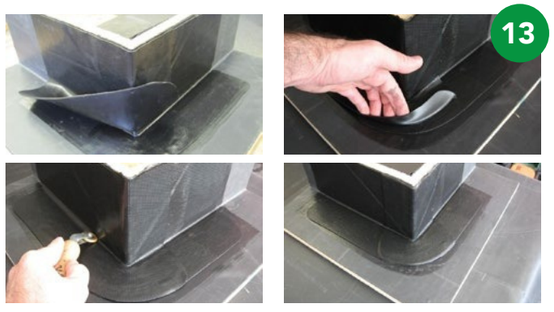
The Quickseam Formflash can now be mated to the deck area.

Using the penny roller, work the Quickseam Formflash right into the angle change, starting from the corner itself. This method will help prevent any unsightly air bubbles from becoming trapped.



Repeat the procedure with the 2nd piece of Quickseam Formflash to complete the corner, but remember to apply Quickprime Plus to where the 2nd piece is to be applied.

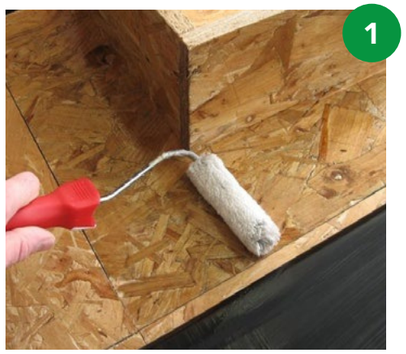
The finished detail.



EXTERNAL CORNER DETAIL USING SA FLASHING

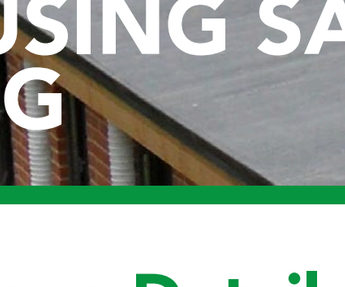
External Corner Detail (SA Flashing)

The external corner is a common detail and is dealt with as follows. Offer the membrane up to the base of the upstand and fold back enough material to get the 4" roller in to apply the contact adhesive onto the deck, the upstand, and also on the back of the membrane. Note: ELEVATE Bonding Adhesive (contact adhesive) is now dark green in colour.

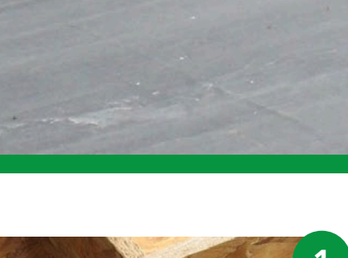


Once the contact adhesive becomes tacky, roll the membrane towards the base of the upstand, pushing right into the angle change to eliminate any tenting.

Mark a line with the crayon, at 45° from the corner. This will create the resulting "V-shape" on the upstand.



Cut down the marked line until you reach the upstand corner. Also cut away any excess membrane, to make handling the material easier.

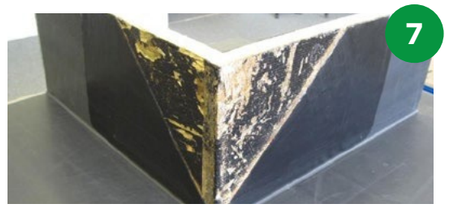


Offer the membrane to the upstand…

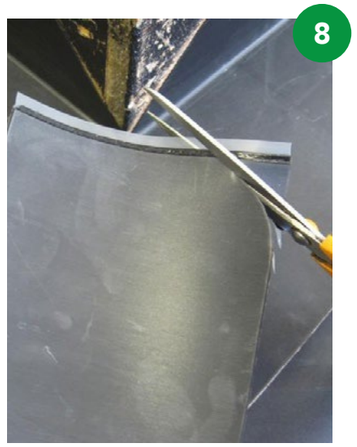
The rest of the membrane can now be applied onto the roof deck around the corner, and then adhered to the upstand using the same procedure.

The corner needs to be waterproofed with one piece of SA Flashing and one Quickseam Corner Flashing patch.

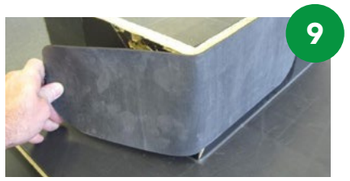
As with any of the Quickseam tapes, Quickprime Plus needs to be applied to the area the tape is to be mated with. Also ensure the area is clean and dry without any dust or debris.



Cut out a piece of SA Flashing and trim the corners.

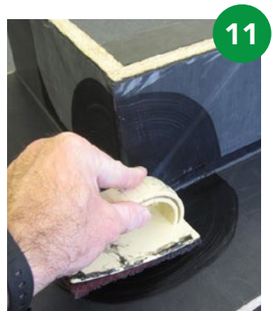


Once the Quickprime Plus is tacky, offer up the SA flashing, using a silicon hand roller to ensure adhesion. Ensure that Quickprime Plus is visible at all edges of the flashing when it is applied. This is less important at the top edge as a metal counterflashing or lead is usually installed here.



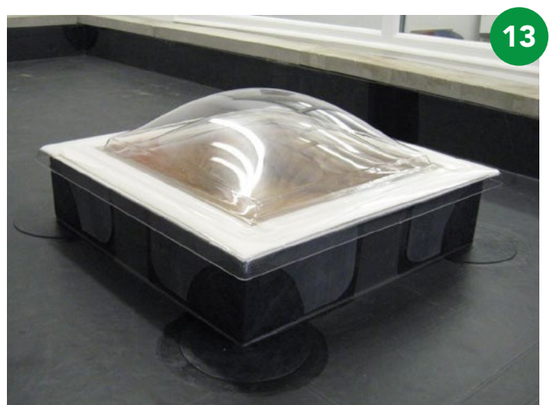
The final waterproofing detail requires a Quickseam corner flashing patch at the corner at the angle change.

Mark out the area the patch will cover, allowing for a 25mm excess and apply Quickprime Plus to this area.



Once the Quickprime Plus becomes tacky, apply the patch and use the rollers to ensure adhesion.

A finished example of a skylight installation using SA flashing and Quickseam corner flashing patches.

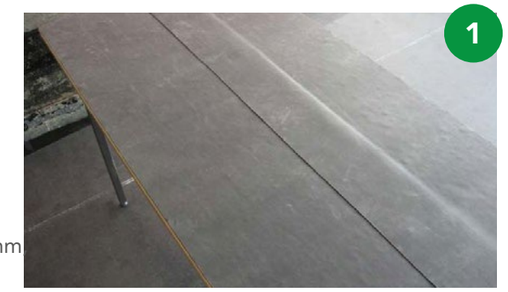


3" SEAM TAPE JOIN

3" Seam Tape Join

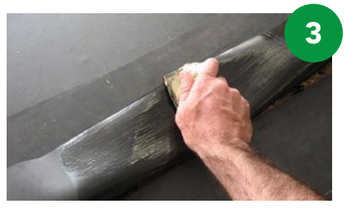
The seam tape join should be applied as follows.

Ensure the leading edge overlaps the lower sheet by at least 100mm and has a straight edge along the entire length of the seam.

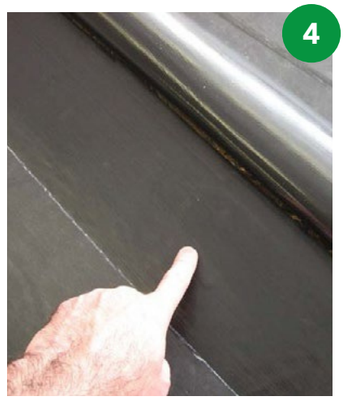


Position and mark the sheet with a white crayon. The line should 18mm from the leading edge of the overlap, all the way down the seam. An 18mm timber batten is a useful tool for this.

Flap the leading edge away from the line. It may be necessary to keep it secured with various items so it will not flap back onto your working area. Apply Quickprime Plus with a scrubber pad and handle, from the marked line and at least 100mm wide. Apply Quickprime Plus to the overlapping membrane also, apply all the way down the seam avoiding puddles by spreading it out evenly.

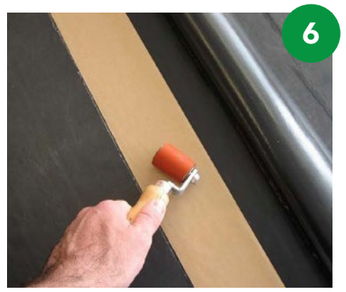


Wait for the Quickprime Plus to go tacky. This is especially important, as the tape will not adhere to it if it is in a wet state. Use the pushed finger test, and if the finger moves through the Quickprime Plus or is stringy in any way, it is not ready.

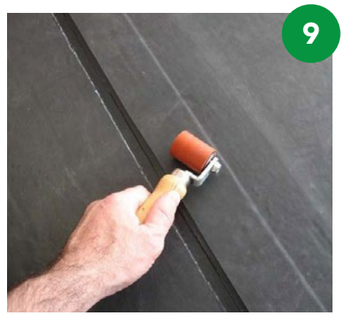


Once the Quickprime Plus is dry, apply the tape to the primed area. Lay the edge of the roll of tape parallel to the marked line, keeping the tape taut to prevent air bubbles being caught underneath it. When applied, if the tape veers off at an angle, cut it, peel the backing paper and overlap the tape by at least 50mm. Continue to lay the tape. This ensures you stick to the marked line. This also applies if you run out of tape, and have to start a new roll.

Use the silicon roller to ensure the tape has adhered properly to the membrane.

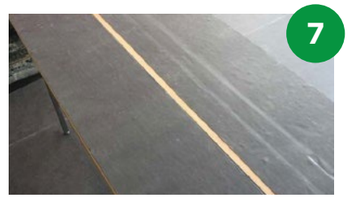


Using a silicon hand roller, roll the entire seam thus eliminating any air pockets. Finishing the seam.

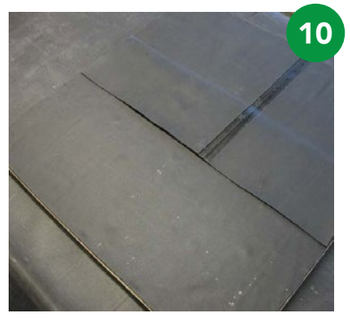


Do the seam join as normal and apply the rollers.

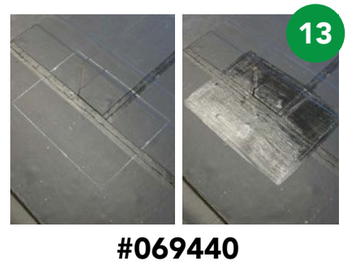
Flap the leading edge back, and check the distance to the brown paper edge of the tape. This should be around 18mm. Trim the top leading edge if necessary.



A T-piece detail is required whenever the end of a seam needs to join an adjacent membrane as shown below.



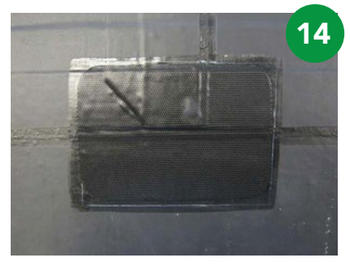
Apply Quickseam Formflash, of size 150mm x 225mm. Mark the area to be primed. Apply Quickprime plus, exceeding just beyond the crayon lines.



Lift up the leading edge, and starting from one end of the tape, peel the backing paper towards you, and let the primed leading edge fall onto the tape, flattening down with your hand whilst peeling.

An excess of membrane from underneath the original seam will need to be cut back at a 45° angle. If this is not done, it will leave an unsealed entrance point for water ingress. This excess is shown below, cut away the excess membrane.

Apply the Quickseam Formflash, and use the rollers .This will finish the T-piece.



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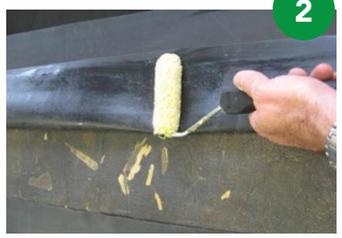
6” COVER STRIP TAPE JOIN

6” cover strip tape join

The 6” cover strip tape join should be applied as follows. Where two adjacent sheets of EPDM membrane meet, tailor the edges so they are straight and no more than 5mm apart along the length of the join.

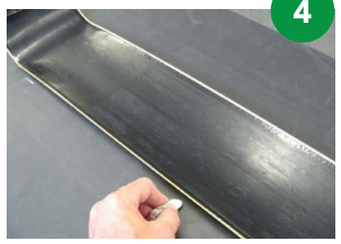
Also make sure that contact adhesive is used on both the back of the membrane and deck surface to secure the edges.

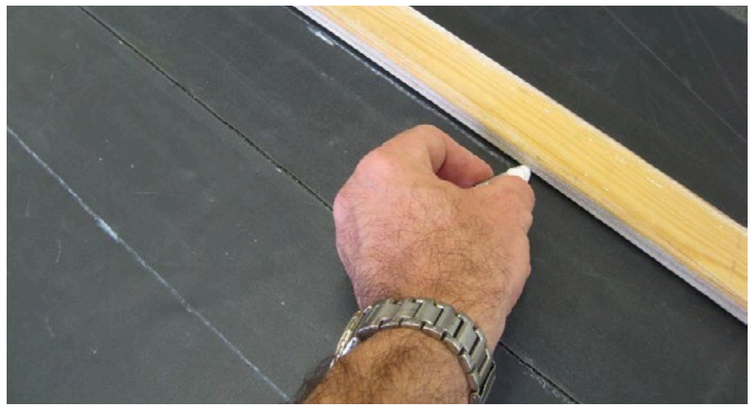
Note: ELEVATE Bonding Adhesive (contact adhesive) is now dark green in colour.



With the membrane now adhered to the deck, lay the tape in situ evenly across the join.

Outline with a crayon where the edges of the tape lie. This gives a guideline for you to apply Quickprime Plus. Make sure that the crayon marks extend beyond the edge of the tape around 20mm each side.





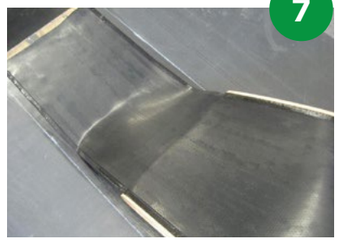
Apply Quickprime Plus with a Quickscrubber pad and handle within the marked area.

Apply all the way down the join, avoiding puddles by spreading it out evenly.

Wait for the Quickprime Plus to go tacky. This is especially important, as the tape will not adhere to it if it is in a wet state. Use the “pushed finger” test, and if the finger moves through the Quickprime Plus or strings in any way (as shown below), it is NOT ready for the tape.

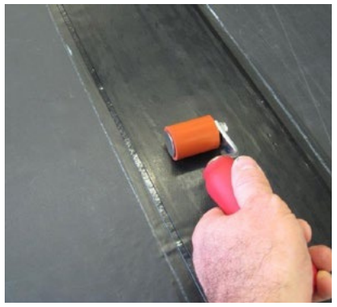
Once the primed surface is ready, apply the tape to the area. Lay the tape parallel to the marked line, keeping the tape taut to prevent air bubbles being caught underneath it. If you run out of tape, overlap the last 50mm with a new roll, but don’t forget to apply Quickprime Plus on top of the tape. Continue to lay the new roll of tape.

Once the tape is laid, remember to overlay the joint with a 150mm x 229mm patch of Quickseam Formflash.



Use the silicon roller to ensure the tape has adhered properly to the membrane, firstly across the joint…

…then parallel to the joint.

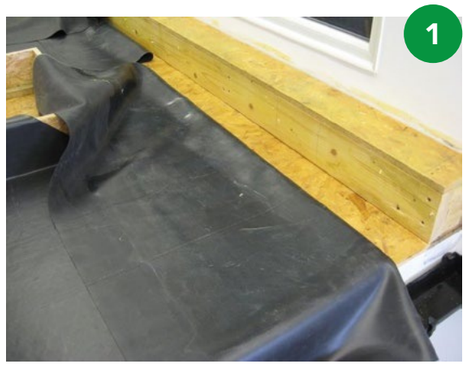


The finished detail.

PERIMETER WALLS AND INTERNAL CORNERS

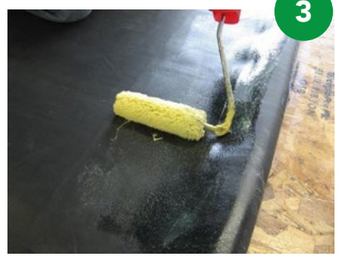
Perimeter walls and internal corners

Once the main field sheet is adhered the perimeter walls can be dealt with. With the membrane 150mm away from the perimeter wall, apply ELEVATE Bonding Adhesive to both the back of the membrane and also the area it is to be mated to.



When applying the bonding adhesive, all areas have to be clean and dry. The adhesive can be applied with either a small 4" roller or similar size paintbrush.
Care needs to be taken when using bonding adhesive. Spillages can swell the membrane, so it is worth keeping the adhesive and rollers away from the roof membrane. An offcut of EPDM is ideal as a base for the adhesive container.
Note: ELEVATE Bonding Adhesive is now dark green in colour.

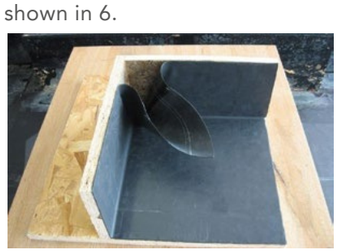
Apply an even coat of adhesive to all surfaces to be mated.



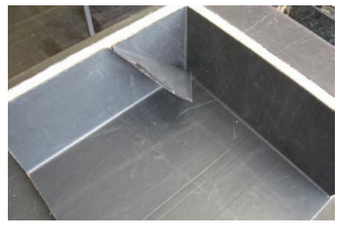
Once the adhesive is tacky, offer up the membrane by rolling it into the angle change and then up the upstand wall. This method prevents any tenting of the membrane at the angle change.

When one wall is completed, repeat the procedure to the adjoining wall. An excess of material will collect in the corner, which needs to be tidied up and secured. This excess is commonly known as the "pig's ear".

The pig's ear can be attached to either wall, whichever is convenient. It is necessary to fold the pig's ear out of the way, as shown in 6.



Apply contact adhesive inside the flap, wait until tacky, then mate it together.



Apply ELEVATE Quickprime Plus primer on the back of the flap as shown.

The flap will then adhere onto the upstand.

The finished detail.

The following procedure shows the internal corner being formed on top of a parapet wall.

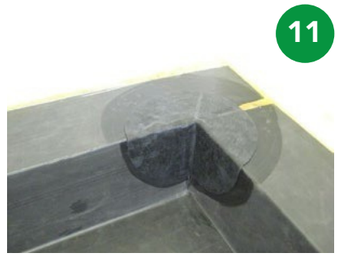
When one wall is successfully adhered, the adjoining wall can be dealt with. Mark a crayon line at the top of the wall and cut the membrane to the corner.

The pig's ear can now be formed.

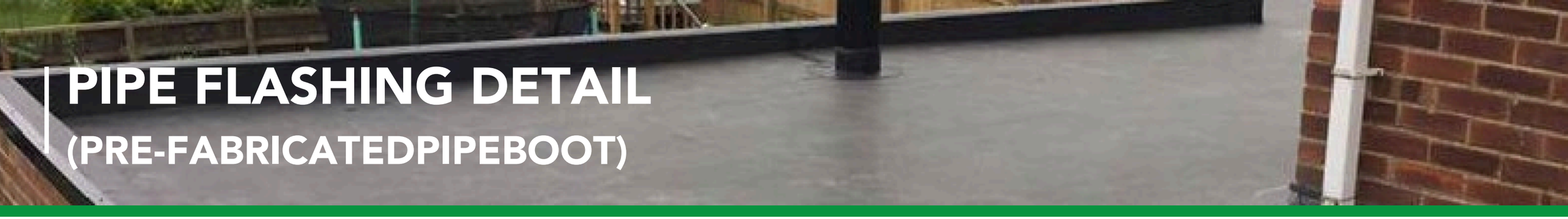
All excess membrane is removed.

… and the membrane securely adhered.

A Quickseam Corner Flashing patch is the finishing detail for this corner… and this is applied with Quickprime Plus. Quickprime Plus and other Quickseam tapes are covered in more detail later in the manual.



When flashing up a wall, there are various options for termination. Lead flashing is a common finish.
…and also metal wall trim. If attaching metal wall trim into a wall chase, use QBM Bond and Seal to waterproof the top edge of this trim, and mechanically fix the trim to the perimeter wall with tech fixings.



PIPE FLASHING DETAIL
(PRE-FABRICATEDPIPEBOOT)

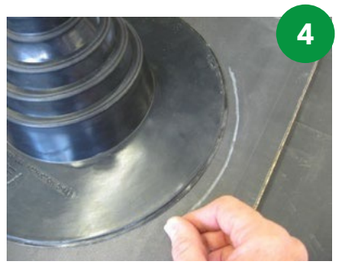
Pipe flashing detail
(Pre-fabricated pipe boot)

As with any detail, make sure the area is clean and dry. Measure the diameter of the pipe…

…and cut out the same diameter on the pipe boot flange…

Stretch the boot over the pipe and offer into position onto the deck.

With the crayon, mark out the area to be primed approx. 20mm beyond the flange base.

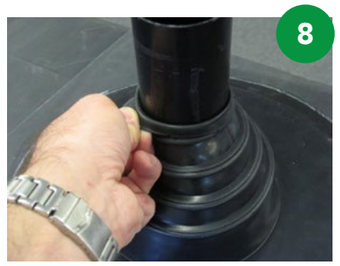


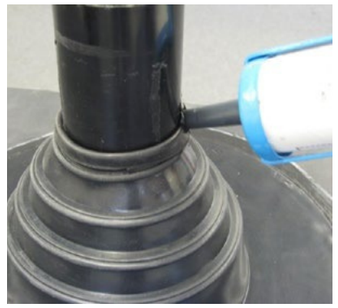
Lift the boot upwards to apply the Quickprime plus onto the deck.

Once the Quickprime Plus becomes tacky, place the boot back into position on the deck and peel away the complete backing paper from underneath.

Use the silicon roller to secure the boot to the deck.

Pull the top of the boot around the neck of the pipe to allow QBM Bond and Seal to be applied.



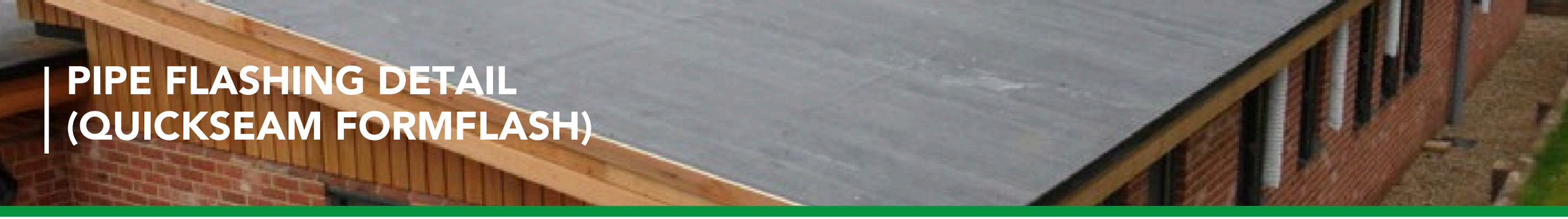


Then close up the top of the boot to cover the sealant…

Now apply the clamping ring, and secure into place.

Remove the excess of the clamp…

The finished detail.



PIPE FLASHING DETAIL (QUICKSEAM FORMFLASH)

Pipe flashing detail (Quickseam Formflash)

As with any detail, make sure the area is clean and dry.

There are 3 pieces of Quickseam Formflash needed to complete this detail, two of which are the same size for the base area, and one to wrap around the pipe.

With the crayon, mark out the area to be primed at least 95mm from the pipe. Also mark out 75mm distances as a guideline for applying the Quickseam Formflash.

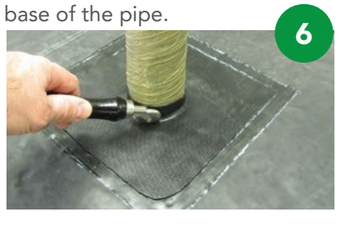
Apply the Quickprime Plus to the outer markings around the pipe, and also approx. 75mm up, and wait until tacky.

Round the corners off the Quickseam Formflash, and mate onto the deck in line with the 75mm markings.

On the reverse of the tape, mark and cut out a bell shape as shown below, 25mm smaller than the dimensions of the pipe. This will create a small upstand on the pipe.

Apply the Quickseam Formflash around the pipe, keeping the edges in line with the 75mm markings.

Use the silicon roller to ensure the Quickseam Formflash has attached completely, and the penny roller to remove any air gaps around the base of the pipe.



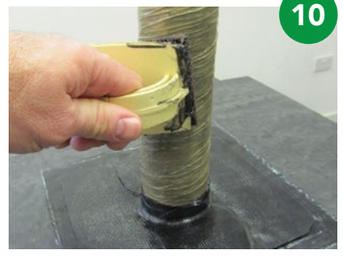
Repeat the procedure for the opposite side, but don't forget to apply Quickprime Plus to the area where the 2nd piece is to be applied.

When applying, keep the edges in line with the first piece of Quickseam Formflash and finish with the rollers.

The final piece of Quickseam Formflash wraps around the pipe, and is then laid onto the deck by 50mm. The size of Quickseam Formflash needed = circumference of the pipe + 100mm for the overlap. E.g., a pipe with a 220mm circumference will require a 320mm

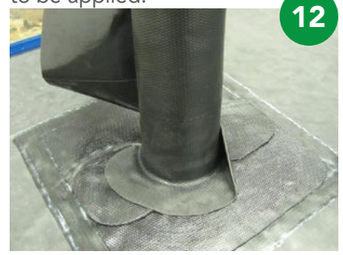
piece of Quickseam Formflash. As with the external corner, mark a line where the top of the Quickseam Formflash is to be applied, allowing for minimum 50mm onto the deck.

Apply Quickprime Plus to the area, and wait until tacky as normal.

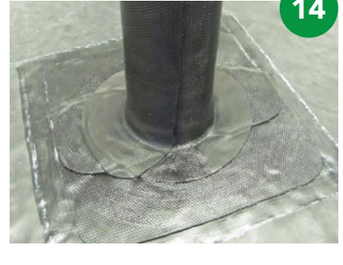


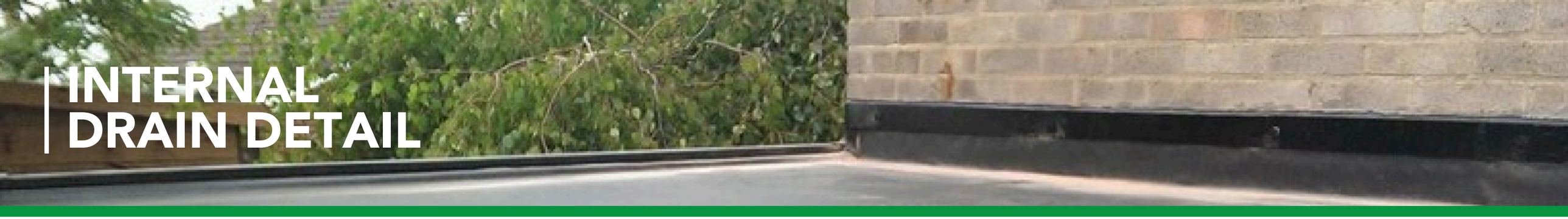
Apply Quickseam Formflash and wrap around the pipe as shown.

Quickprime Plus needs to be applied where the overlap will attach, so start to lay the Quickseam Formflash onto the deck, but only enough (approx. 125mm) for the Quickprime Plus to be applied.



Apply the Quickprime Plus and once it is tacky, attach the overlap to the pipe, and bring the rest of the Quickseam Formflash onto the deck. Use the rollers as normal.

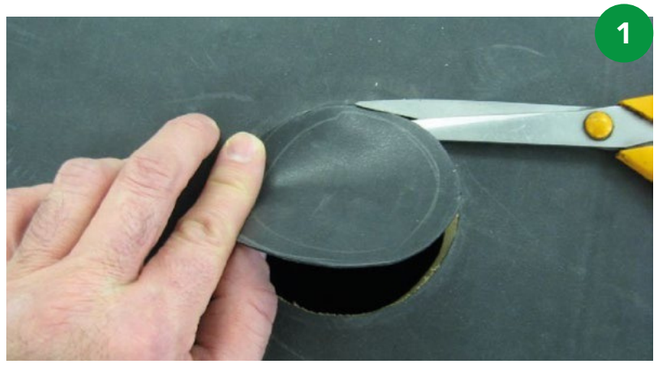




INTERNAL DRAIN DETAIL

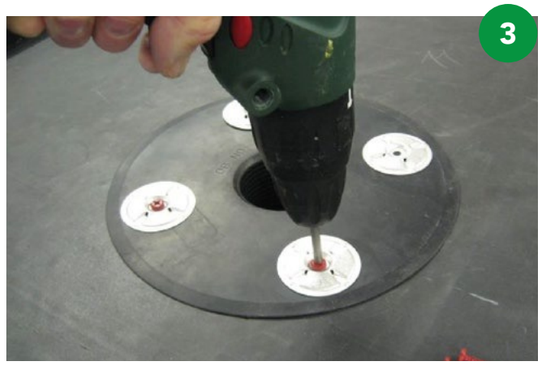
Internal Drain Detail

The EPDM membrane should be fully adhered to the substrate and the membrane cut away to reveal the drain hole.

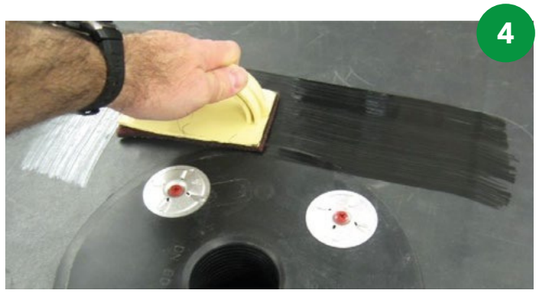


Insert the drain outlet…

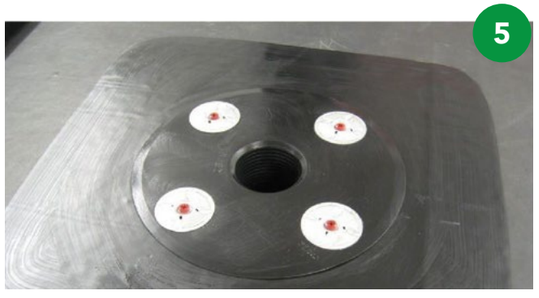
Mechanically fix the outlet to the roof deck using V-plates and All-purpose fasteners.



Apply Quickprime plus to the area a minimum of 100mm beyond the perimeter of the flange.

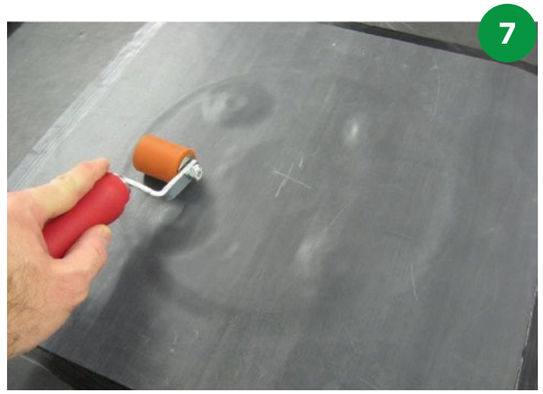


Wait for the Quickprime plus to become tacky.



Prepare a piece of SA flashing minimum 75mm larger than the drain outlet diameter and apply to the primed area, ensuring that Quickprime Plus is visible all around the SA flashing.

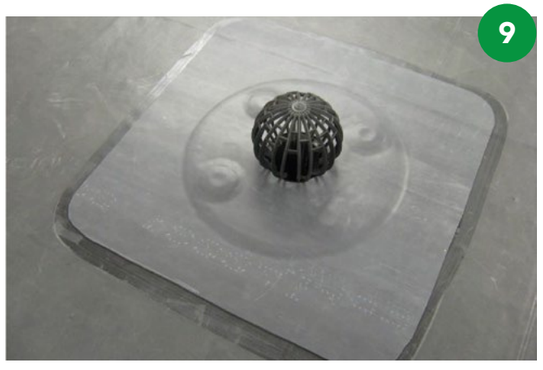
Apply the silicon roller for total adhesion.



Remove the SA flashing part that covetrs the outlet by cutting a hole around its diameter. Take care not to cut into the drain outlet itself.

The finished detail with leaf guard inserted.

Note: Before the membrane is laid, it is preferable that some preparation work to rebate this area to the roof deck is made. This ensures that the SA flashing will sit level with or below the roof deck line, allowing water to drain away more freely.



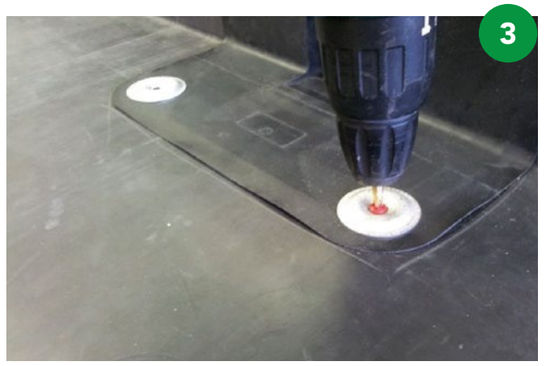
THROUGH WALL OUTLET DETAIL

Through Wall Outlet Detail

The EPDM membrane should be adhered to the substrate and upstand wall and the membrane cut out to reveal the outlet hole.

Insert the outlet…

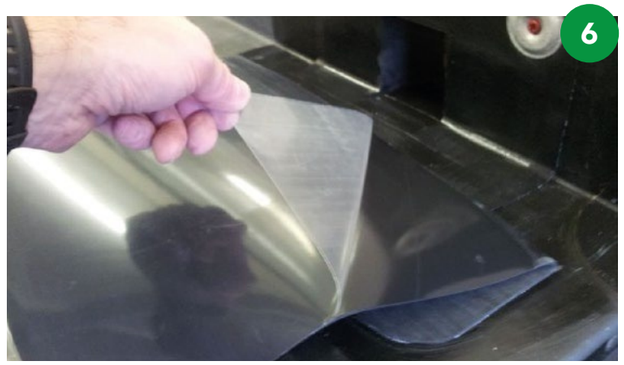
Mechanically fix the outlet to the roof deck and upstand wall using V-plates and All-purpose fasteners.



Apply Quickprime plus to the area a minimum of 100mm beyond the perimeter of the flange.

Wait for the Quickprime plus to become tacky.

Prepare a piece of SA flashing minimum 75mm larger than the through wall outlet flange. Remove the plastic backing and apply the flashing to the primed area onto the deck, ensuring that the Quickprime Plus is visible all around the flashing edge.



Continue to offer up the SA flashing tight into the angle change and then up the upstand. Apply the silicon roller for total adhesion.

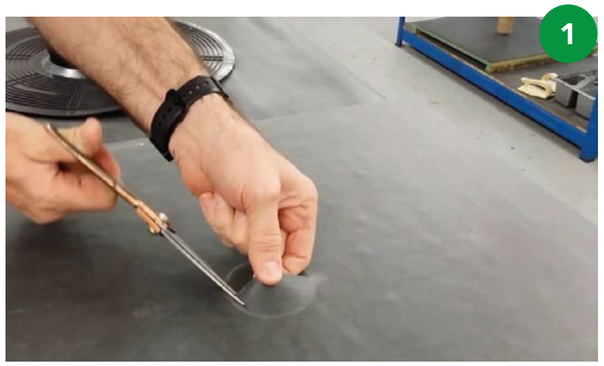
Remove the SA flashing that covers the outlet hole with careful use of a sharp knife. Take care not to cut into the drain outlet itself.

The finished detail, with leaf guard attached.

PREFABRICATED VENT PIPE DETAIL

Prefabricated vent pipe detail

The EPDM membrane should be fully adhered to the substrate and the membrane cut away to reveal the vent pipe hole.



Place the vent pipe directly over the hole and mechanically fix into place with ELEVATE AP fasteners.

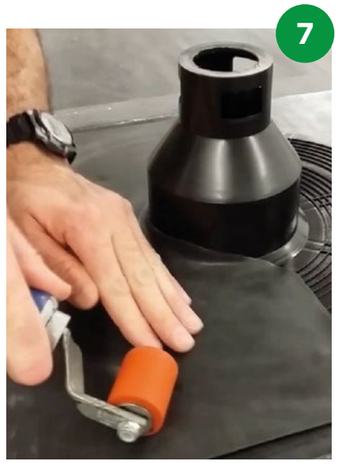
Mark guidelines a minimum of 100mm beyond all edges of the vent pipe and apply ELEVATE Quickprime Plus primer within this area.

Wait for the Quickprime plus to become tacky, and check using the "pushed finger" test. Apply a piece of SA flashing onto this area ensuring a approximately 20mm of Quickprime plus is visible at the edges of the flashing.

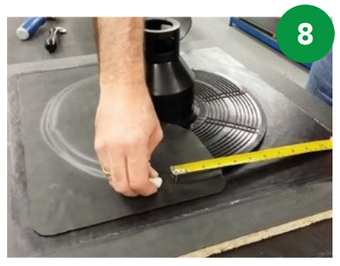
Remove part of the SA flashing so it will fit around the pipe...

... and offer into position.

Use a silicon roller to fully secure the flashing.



Repeat this procedure with an additional piece of SA flashing for other side of the vent pipe overlapping the first piece by 75mm. Don't forget to prime all areas.



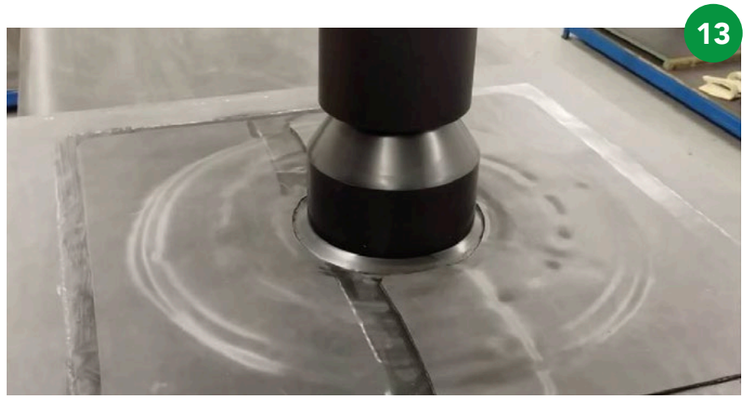
Place the second piece into position.

And cut out for the vent pipe...

Use the rollers to secure into place.

Finally, with a sharp knife, remove any excess flashing from the base of the vent pipe keeping the border nice and clean cut...

The Finished Detail



TERMINATION TO ADJACENT FLAT ROOF DETAIL

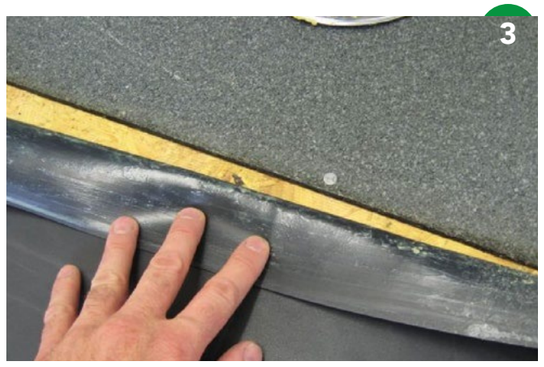
Termination to adjacent flat roof detail

As with all details, make sure the area is clean and free of loose debris. A minimum 50mm overlap onto the adjacent waterproofing material is required.

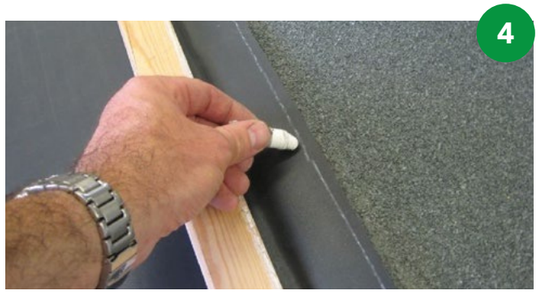
Apply ELEVATE Bonding Adhesive to the back of the membrane and also the deck…

Note: ELEVATE Bonding Adhesive is now dark green in colour

Mate the membrane to the deck once the adhesive has become tacky.



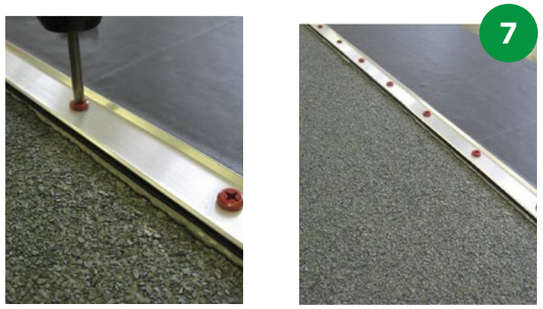
Then create a straight edge on the membrane using a crayon and cut away any excess material along the line.



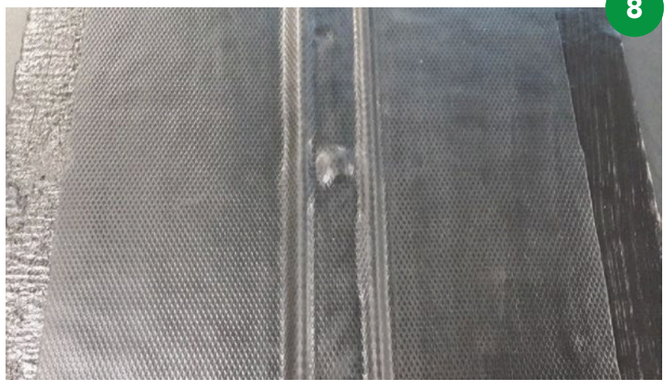
Apply a bead of ELEVATE Water Block sealant underneath the edge of the membrane.

Secure the termination bar to the deck with ELEVATE All- Purpose fasteners.

The Water Block sealant will squeeze out from the termination during fixing. Wipe any excess sealant away.



To finish off, apply Quickprime Plus a minimum of 250mm wide centred over the termination bar and running down its entire length. Once tacky, Quickseam Formflash can be applied to this area. Use the rollers to secure the Formflash to the deck.



QBM TRIM DETAIL

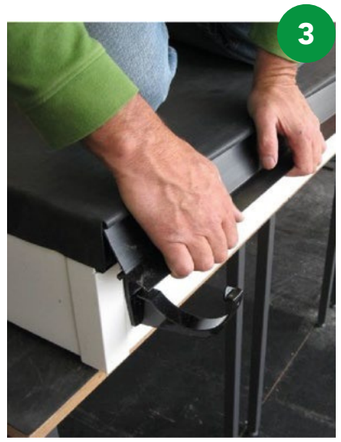
QBM trim detail

Gutter edges

When fitting QBM trim, it is preferable to install the QBM trim gutter edge backplate before the membrane is adhered to the deck, as shown below. 40mm self-tapping fixings are driven into the recess of the backplate and set out at 500mm intervals. Start the fixings whilst the trim is on the roof deck, as this will make attachment easier.

Make sure that the top of the backplate is flush with the surface of the roof deck, and then secure with the fixings.

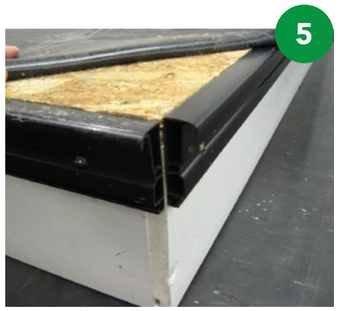
Once the membrane is applied to the roof deck as described elsewhere in this manual, application of the Permaroof trim system can be finished.
Trim the edge of the membrane making sure that 50mm of membrane overhangs the gutter edge of the roof. The top edge of the drip plate is pushed under the top lip of the backplate, with the membrane in between the two plates.



The drip plate can then be tapped firmly into place until it clips in securely. The use of a short piece of batten with a hammer or even a rubber mallet will ensure that the drip plate will not be damaged during fitting. Do not strike the drip plate directly.

Adjacent gutter edges

Attach the gutter trim back plate as normal to both fascia edges.

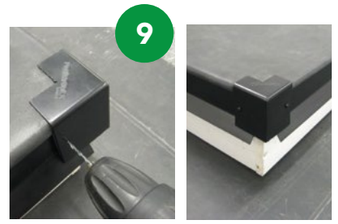


With the membrane hanging over the edges, secure the drip plates. The excess that remains between the two edges can now be covered by a modified QBM trim external corner. Remove the excesses as shown below…

…and also trim the drop to 65mm.

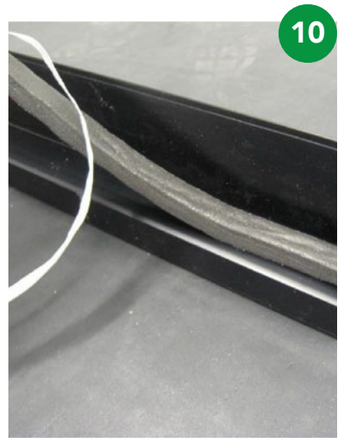
Apply foam tape to the inside of the corner piece.

To secure with polytop pins, the corner pieces need to be pre-drilled first for ease of attachment.



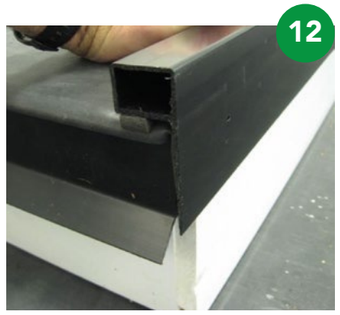
Kerb Edges

For the kerb edges, the application is as follows:-
Measure the appropriate length of kerb edge trim needed and cut to size if necessary. Attach foam tape under the trim where it mates with the membrane. Under compression, this tape creates a watertight seal.
Note: QBM Bond and Seal can be used as an alternative to foam tape.

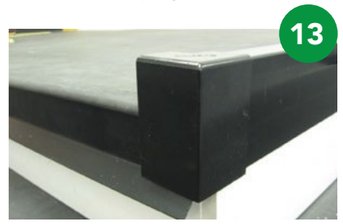


Trim the membrane so that maximum 50mm overhangs the perimeter edges. Starting at one corner, fold the small excess of membrane away…

…offer the trim into place and fix securely. There are pre-drilled 7mm slots every 300mm down the length of the trim for easy fitting.



For corner pieces, apply a small amount of QBM Bond and Seal or superglue on the inside of the corner, and offer into place. Alternatively, pre-drill a small hole in the side of the corner piece and attach with a poly top pin.



Finish off with the corner end caps. These are attached with a small amount of superglue.

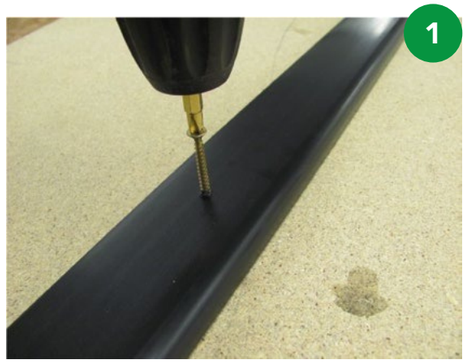
Note: Take extra care when handling superglue and avoid contact with skin.

Note: When joining lengths of QBM kerb trim, apply small end caps to each trim end, slot these ends into QBM trim joint clips, and secure to the roof edge as normal.

QBM PLUS TRIM DETAIL

QBM plus trim detail

When fitting QBM Plus trim, it is easier to install the QBM Plus trim gutter edge backplate before the membrane is adhered to the deck, as shown below. In any case, it must be attached before the kerb edge trim. 40mm self-tapping fixings are driven into the backplate and set out at approximate 500mm intervals. Start the fixings whilst the trim is on the roof deck, as this will make attachment easier.

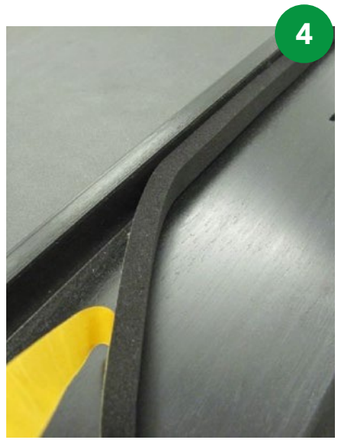


Make sure that the top of the backplate is flush with the surface of the roof deck, and then secure with the fixings.

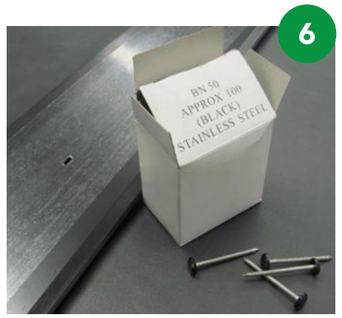
Once the membrane is applied to the roof deck as described elsewhere in this manual, installation of the QBM Plus trim system can be dealt with.
Trim both gutter and kerb edges of the roof membrane to 50mm excess of the roof edge.

For the kerb edges, the application is as follows:-

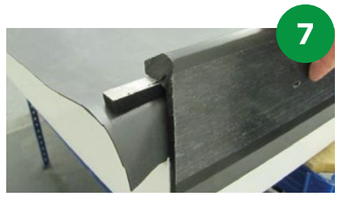
Measure the appropriate length of kerb edge trim needed and cut to size if necessary. Either foam tape or QBM Bond and Seal can be used for the watertight seal where it sits on the roof deck. If using foam tape, this seal will only be achieved under compression.



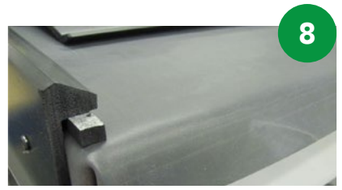
The trim requires attachment with BN50 polytop pins through the pre-drilled holes.



Offer up the trim as below and secure with the pins…

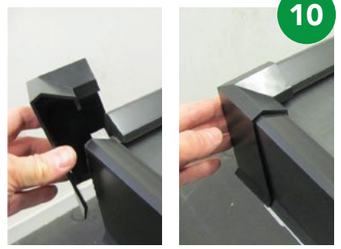


For corners, form a fold in the membrane…



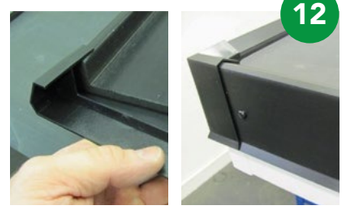
…butt the two edges together with overlapping tapes and attach.

Attach a prefabricated external corner piece and secure with either QBM Bond and Seal or Superglue.

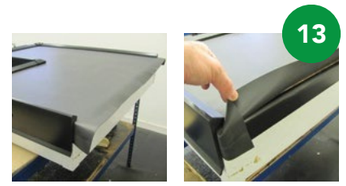


For corner pieces terminating around onto a gutter edge, use a small pre-cut piece of kerb trim and secure with either the sealant or the glue inside the external corner. This will close up the void created by the external corner termination.

When joining two lengths of QBM Plus kerb edge trim, use a joint clip. Have at least 5mm between both trims and the joint clip to allow for expansion.



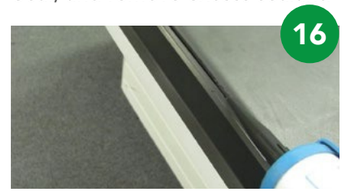
The roof is now ready to receive the QBM Plus gutter edge trim drip plate. Remember the gutter trim back plate is already attached…



Offer up the drip plate and secure with BP40 polytop pins. Take care not to locate the top of the drip plate higher than roof deck level as this will cause ponding on the roof.

Cut the drip plate to the desired length which will be applied to all existing overhanging roof membrane. On the underside of the drip plate, apply QBM Bond and Seal into the recess. This will make the seal watertight when "sandwiching" the membrane between the two trim pieces.

Seal the top edge with an additional bead of QBM Bond and Seal, and remove excess sealant.



ELEVATE QUICKSEAM REPAIR KIT INSTALLATION GUIDE

ELEVATE QuickSeam Repair Kit

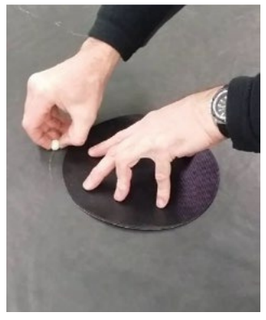
Included within the kit will be: **1x** ELEVATE

QuickSeam Repair Flashing **1x** 0.5L
ELEVATE QuickPrime Plus Primer **1x** silicon roller **1x**
QuickScrubber handle with pad

Other useful tools not included Scissors, tape measure and crayon

Locate the damage to the EPDM and clean the surface to remove any loose debris.

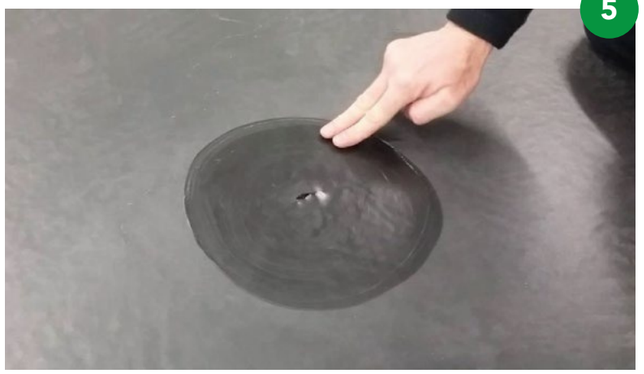
Place the ELEVATE QuickSeam Repair Flashing onto the centre of the damage and mark a circle around the patch allowing for an extra 25mm all the way around it.



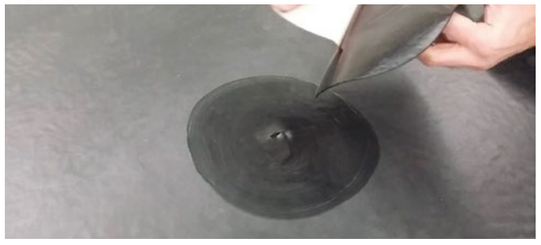
Stir the QuickPrime Plus Primer thoroughly with a mixer to prepare it for application, and apply it with the Quickscubber pad within the marked area on your EPDM.

Wait a few minutes for the Primer to flash off, then carry out a touch test to see whether it is ready for the Repair Flashing. If the Primer is stringy to the touch, then it is still too wet.

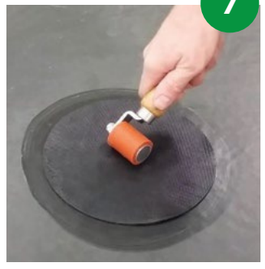
The Primer must be tacky before applying the patch, with no stringing.



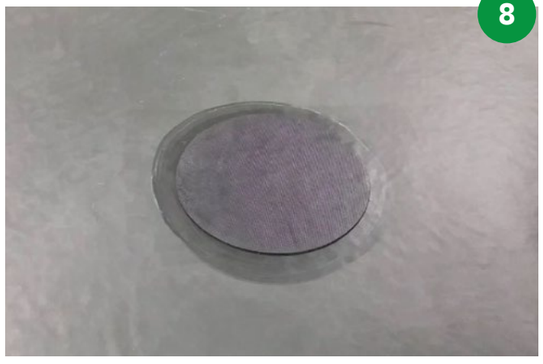
Peel off the backing paper from behind the ELEVATE QuickSeam Repair Flashing and pinch it with two hands so that you can easily apply it to the correct area ensuring that 25mm of Primer is visible all the way around.



Apply pressure to the centre of the patch working outwards to remove air bubbles, then go over the top with the silicon roller provided to ensure 100% adhesion.



The finished detail.



HOW TO ESTIMATE ROOF KITS FOR YOUR PROJECTS.

QBM KIT BUILDER – YOUR FLAT ROOF CALCULATOR

Whether you're an experienced tradesman or embarking on a DIY project, save time with the **QBM Kit Builder App.** QBM's own flat roof calculator, the EPDM Kit Builder generates a complete kit list quickly and easily, that you can print, save or send to our team in one click to get a quote.

No roofing knowledge is required to use our flat roof calculator, simply measure your flat roof and input the details into the app. The Kit Builder App is a handy tool for both trade and DIY roofers and is fast and easy to use.

It will ask you 4 simple questions so the calculator has everything it needs to calculate your list of materials. We try to make things as easy as possible for you, so why not give it a try today. You can find it at...

www.roofingshop.ie

FREQUENTLY ASKED QUESTIONS

With an award-winning reputation for sales and customer service, you can be confident we're a company that puts our customers first, whether you're a trade counter searching for a reliable supplier, a professional flat roofer with a business to expand or a DIY enthusiast looking for a shed roof kit. **Please find below a selection of our most frequently asked rubber roofing questions and even more are on our website!**

What is ELEVATE Rubbercover membrane?

ELEVATE RubberCover EPDM is a 100% cured single-ply roofing membrane made of a synthetic rubber Ethylene- Propylene-Diene Terpolymer. Since 1980, more than 1,000,000,000 square metres of ELEVATE EPDM membranes have been successfully installed on commercial, industrial and residential roofs worldwide. Various roll sizes, the biggest being 15m wide and 61m long.

How long will the membrane last?

The membranes offer unmatched resistance to UV radiation, ozone, alkali rains and high or low temperatures. Recent studies show that the membrane has a life expectancy up to more than 50 years, even when exposed to sunlight.

Is one- sided application of the membrane sufficient?

Bonding adhesive must always be applied to both surfaces. Water-based adhesive can be applied to either to the substrate only (wet mate method), or using the two-sided contact method, i.e., both to the underside of the membrane and the substrate, depending on various factors like weather conditions. Please refer to the "Installation Guidelines for Modular Water based Adhesive".

Can I walk on a ELEVATE RubberCover EPDM Roof?

Yes, the roof can be accessed for periodical maintenance, but take care to ensure no sharp objects (e.g., small stones) are attached to the underside of footwear. In case of regular foot traffic, the membrane must be protected with a walkway, e.g., pavers placed on protective rubber feet.

If you can't find the answer you're looking for, don't hesitate to get in touch with the team on 01 839 11 70 or use the live chat section on our website.

For further advice contact us today

T: +353 1 839 11 70
E: sales@qbm.ie