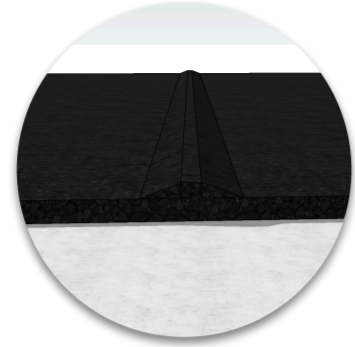
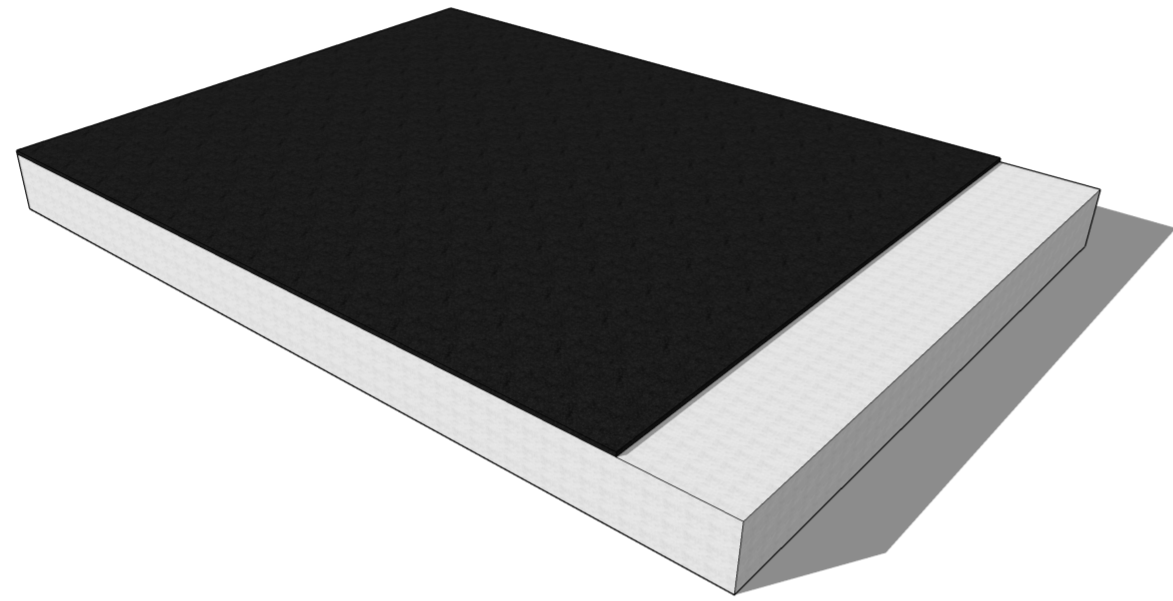


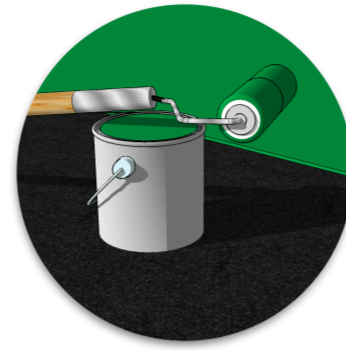
Stage 1 | Preparation



Where there may be vulcanised laps present in the existing bitumen membrane, remove or compress these using either a scrapper or mechanical means to create a relatively even surface to prevent raised areas in the Fatrafol PVC membrane system. Check site specific specification for methods of preparation if applicable.

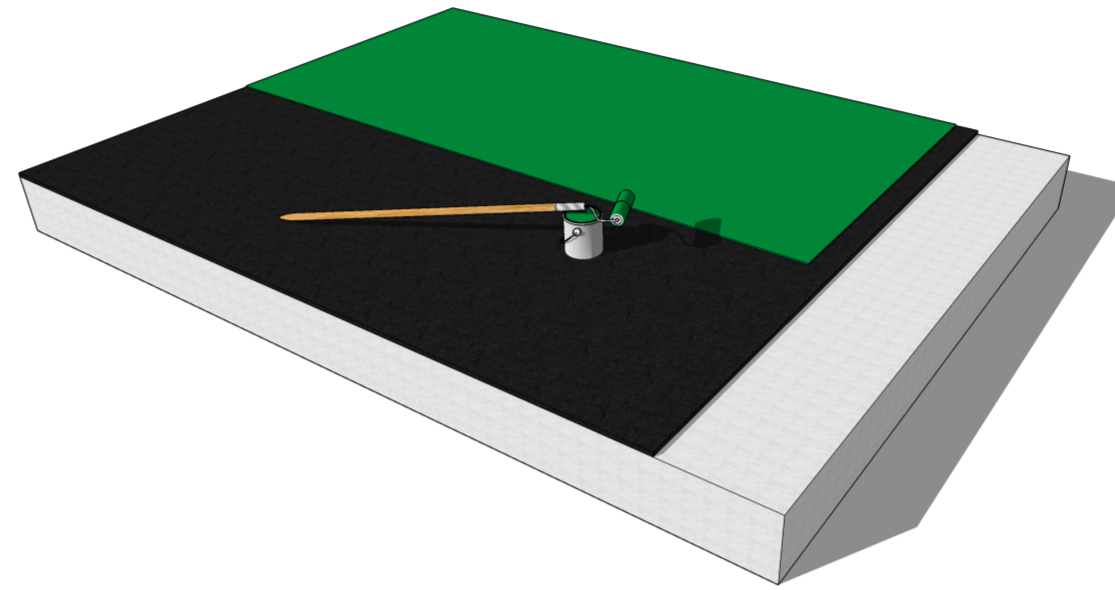


Stage 2 | Adhesive

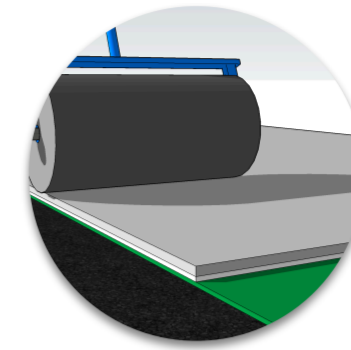


Roll or spray apply Fatrabond adhesive over the existing bitumen membrane where the Fatrafol 807 will be laid in accordance with Fatra technological specification & methodologies

Ensure a consistent and even coverage coverage is achieved.

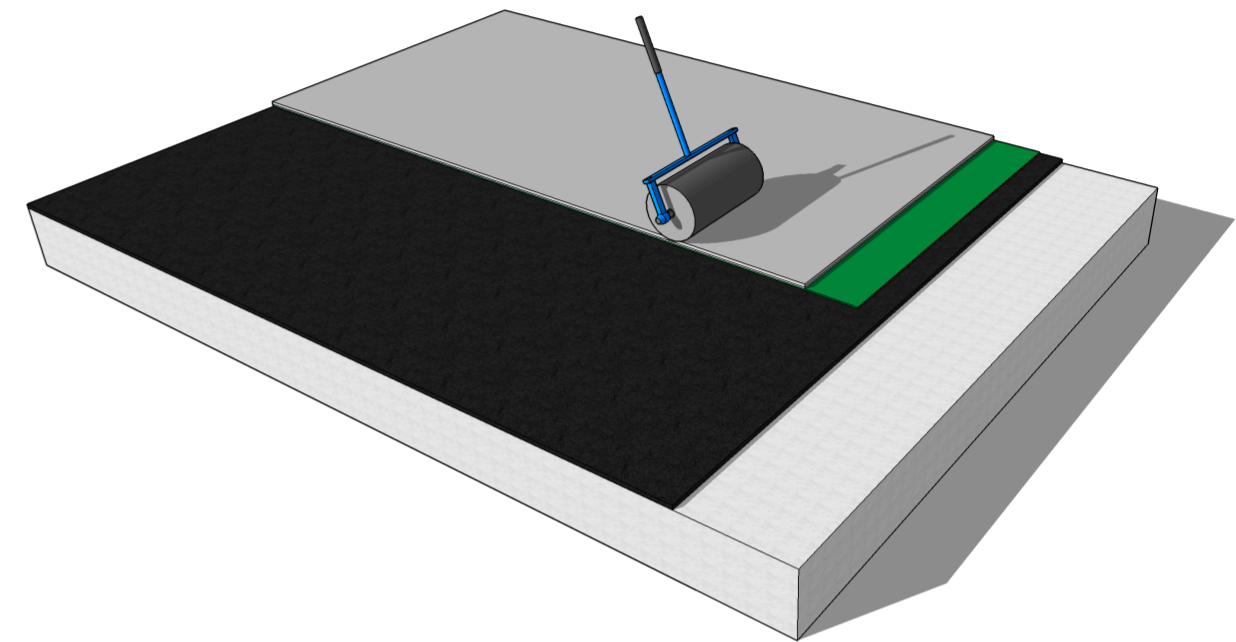


Stage 3 | Fatrafol 807 PVC Membrane



Roll the Fatrafol 807 PVC membrane over the adhesive ensuring the sheet is laid with the fall of the roof wherever possible.

Once the Fatrafol 807 is laid over the adhesive, use a brush, weighted roller or squeegee to push any air pockets out from under the membrane to maximise adhesion.



Fully Adhered Systems
Bitumen Refurbishment

1D 10 Childs Road Chipping Norton NSW 2170
www.fatraaustralia.com.au

Components |

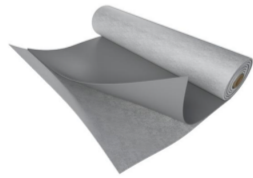
Ancillaries |



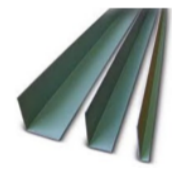
FATRABOND |
Fleece Back Adhesive



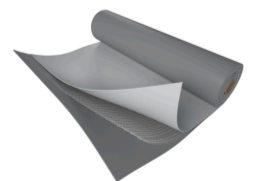
MECHANICAL |
Fixings



FATRAFOL 807 |
FleeceBack PVC Membrane

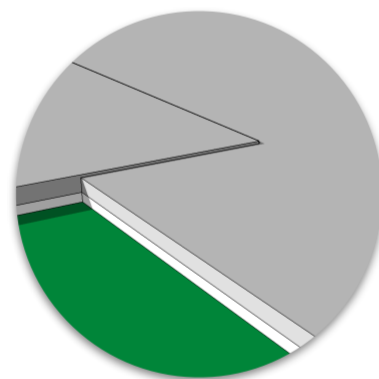


FATRANYL |
Fatranyl PVC Coated Angles.



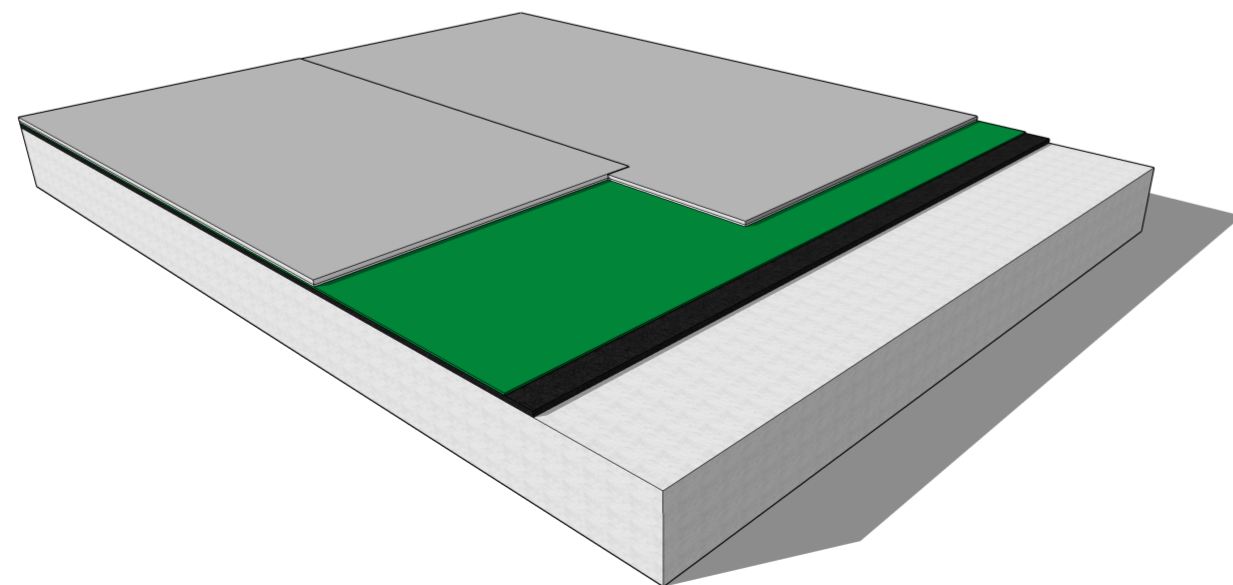
FATRAFOL 810v |
Reinforced PVC Membrane

Stage 4 | Fatrafol 807 Conjoining Sheet Membrane

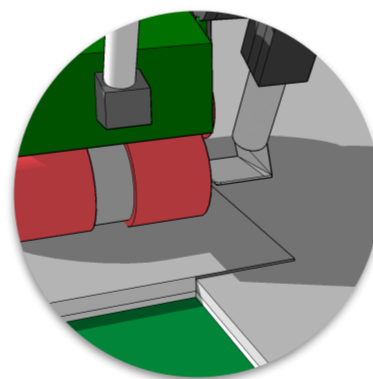


When installing the conjoining sheet, ensure the unfleeced longitudinal lap overlaps completely onto the Fatrafol 807 to enable hot air fusion welding. The total width of the weldable lap is 75mm

Ensure the sheet is laid parallel with the conjoining sheet to avoid creases in the laps when welding.

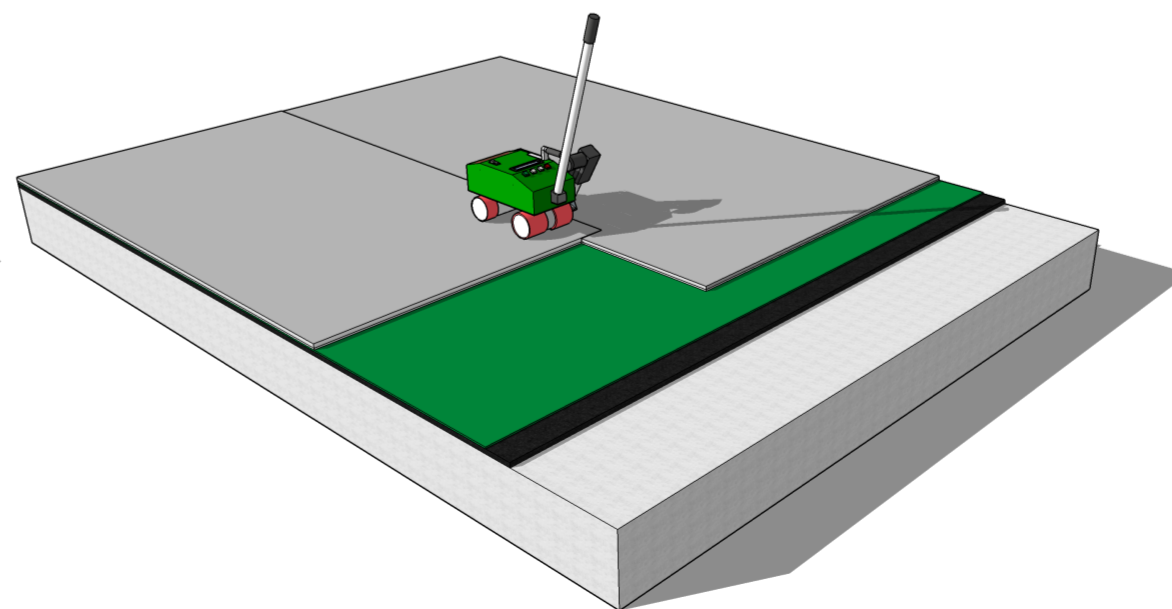


Stage 5 | Hot Air Fusion Welding

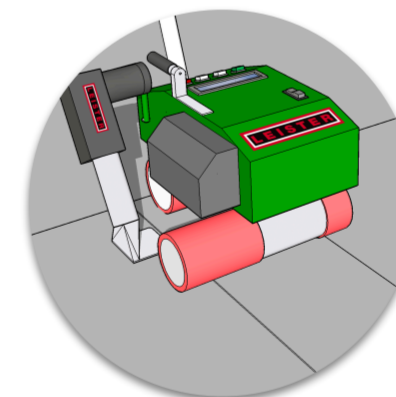


The conjoining sheets are to overlap a minimum of 75mm to allow for an adequate weld width.

Using a hot air fusion welder, weld the conjoining field sheets together achieving a minimum weld width of 40mm.

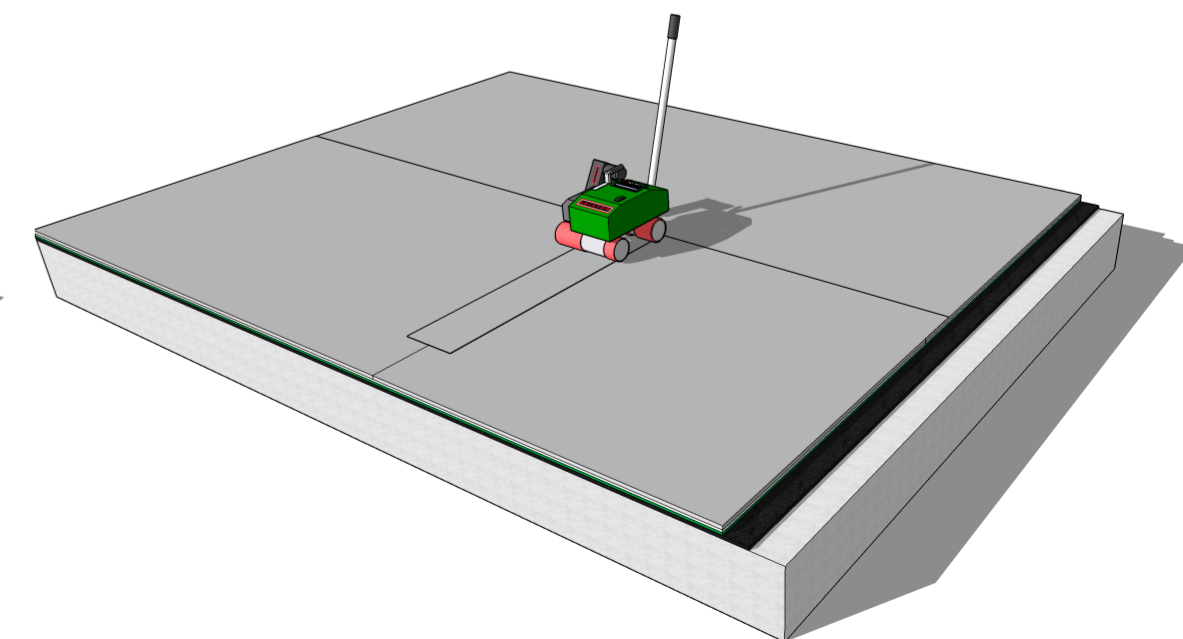


Stage 6 | Roll End Straps



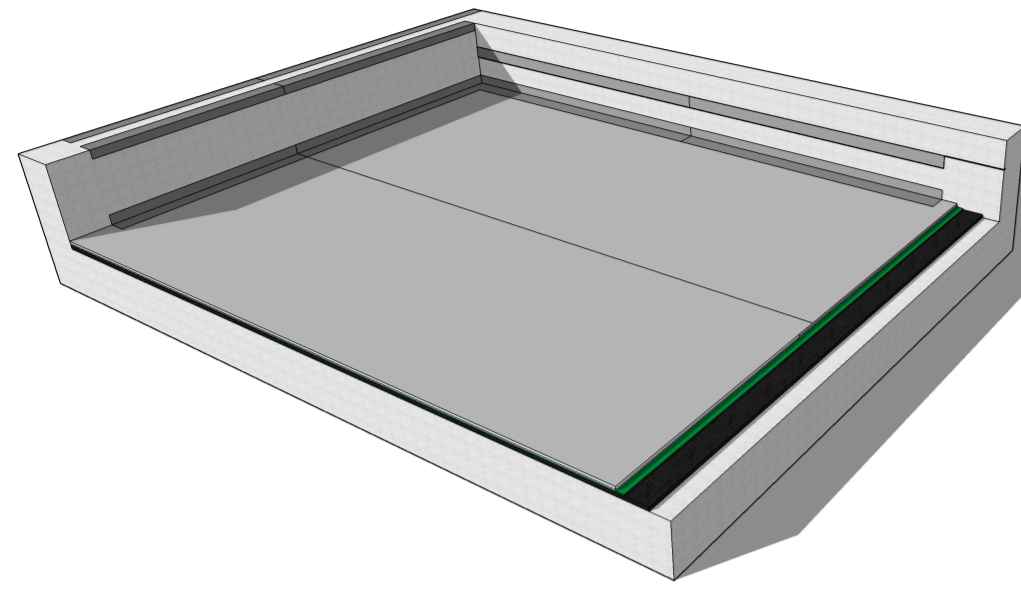
Where the Fatrafol 807 roll ends meet, install a 150mm Fatrafol 810v PVC membrane strap lapping 75mm over the width of the conjoining sheets.

Hot air fusion the membrane strap around the entire perimeter to create a waterproofed joint.



Fatra Bitumen Refurbishment Fully Adhered System | Installation Guide

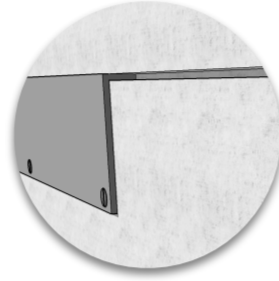
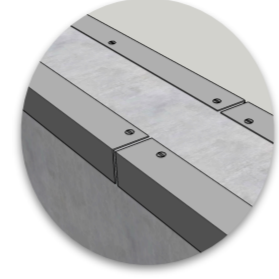
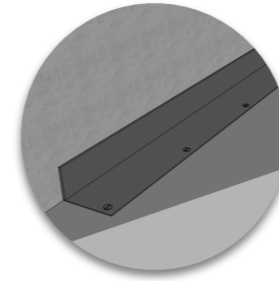
Stage 7 | Fatranyl PVC Coated PVC Angles



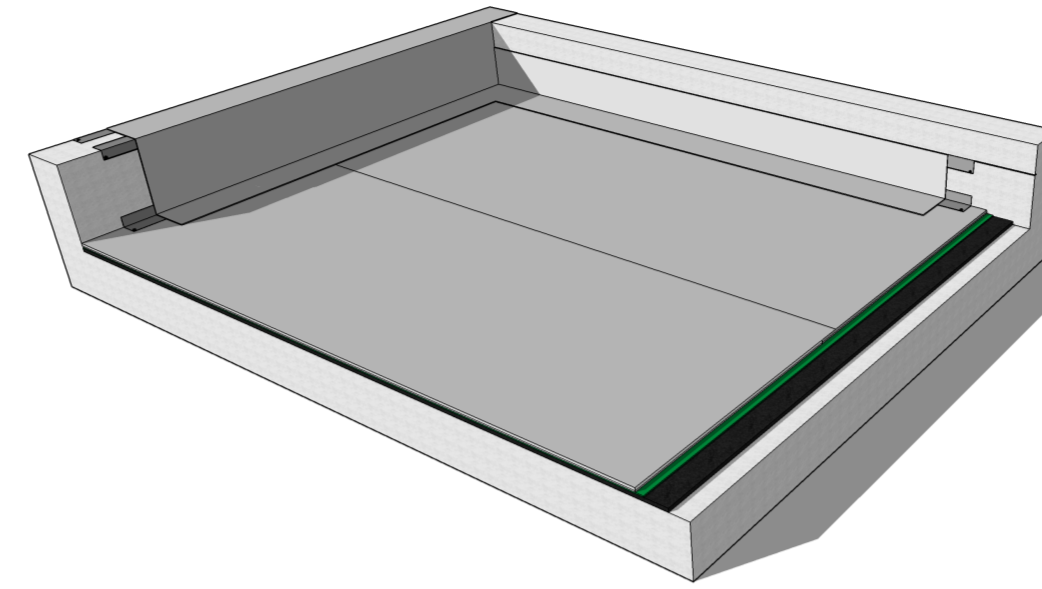
7A. Around all vertical and horizontal upturns such as parapet hobs, plinths and the like. Install a Fatranyl internally coated PVC angle fixed over the field sheet membrane. All angles are to be fixed at 150mm centres. Leave 2mm gap between angles to allow for expansion.

7B. Fix Fatranyl externally coated PVC metal angles at 150mm centres to the outside edge of perimeter hobs, plinths and the like. Leave 2mm gap between angles to allow for expansion.

7C. Where a termination into a vertical wall is required, saw cut a slot approximately 20mm deep to enable installation of Fatranyl chase termination angle. Insert polyurethane into the saw cut slot the mechanically fixed chase angle into place at 150mm centres.

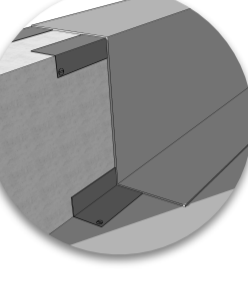
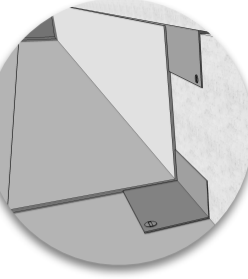
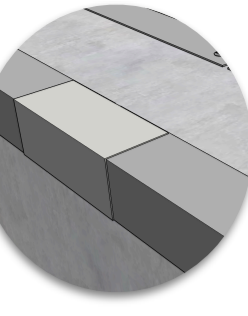


Stage 8 | Fatrafol Membrane Upturn Detailing

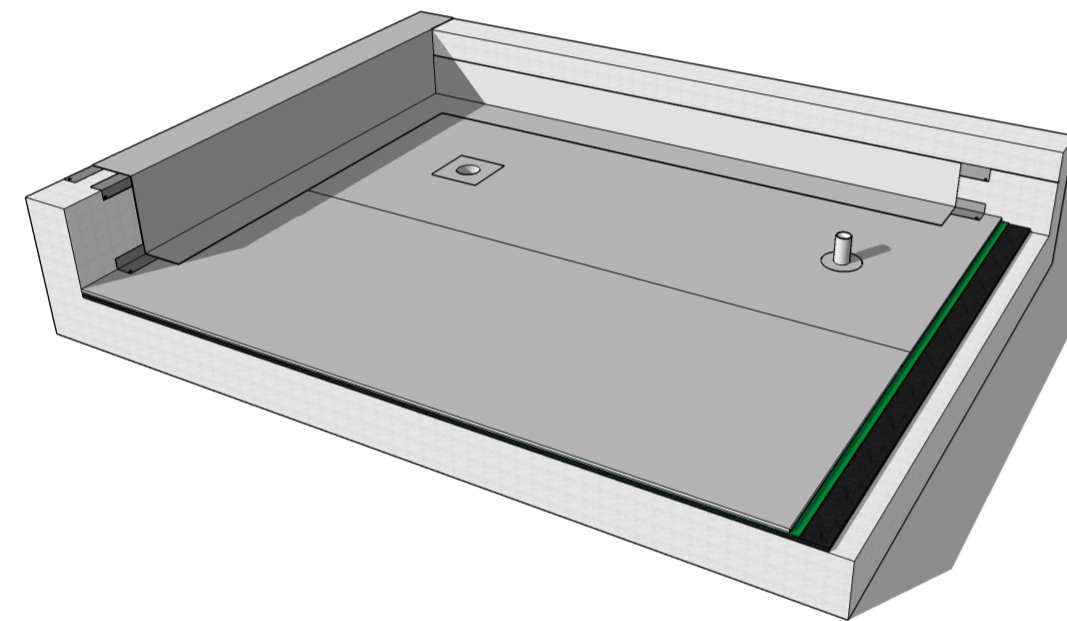


8A. Where each Fatranyl angle meets, allow for a 2mm - 5mm gap between the angles to allow for expansion. Hot air fusion weld 150mm membrane butt strap over expansion gaps. Weld around entire perimeter with the exception of 20mm in the centre of the vertical face to allow for expansion between metal angles.

8B. Install a continuous Fatrafol 810v PVC membrane strap to the entire length of the perimeter hobs, plinths and the like. Hot air fusion weld Fatrafol 810v membrane strap to field sheet membrane and termination angles in accordance with Fatra technical specifications and methodologies.



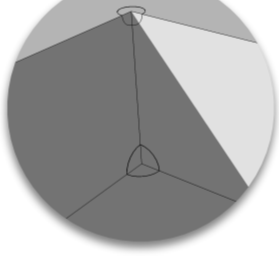
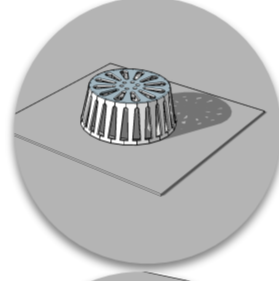
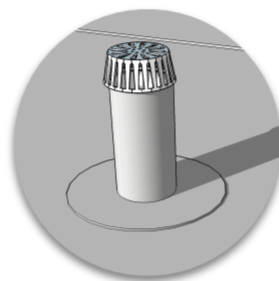
Stage 9 | Fatrafol Corner, Pipe/Post Rainwater Detailing



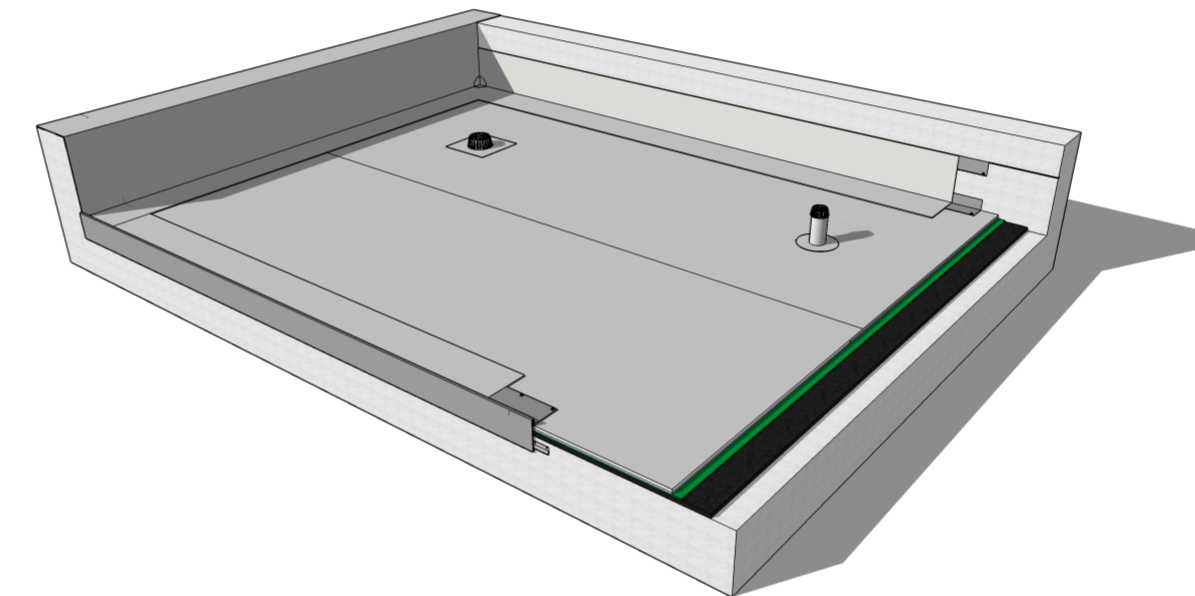
9A. Wrap prefabricated PVC pipe collars around the pipe and weld PVC membrane base flange to the field sheet. Weld the top of the prefabricated pipe collar to the PVC pipe.
Fit pipe cap over the top of the PVC pipe ensuring this overlaps the top of the prefabricated PVC pipe collar

9B. Insert the specific diameter rainwater outlet and fix all four corners into the substrate. Fully weld the entire perimeter of the PVC membrane flange which is attached to the rainwater outlet to the field sheet

9C. Where changes in direction is present, hot air fusion weld internal/external prefabricated corner patches installed in accordance with Fatra technical specification and methodologies.

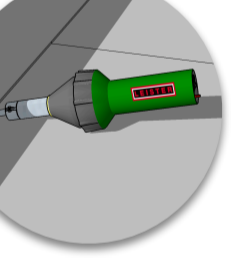
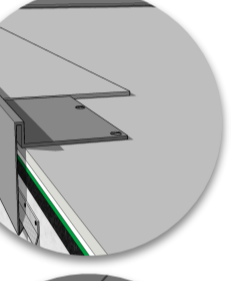
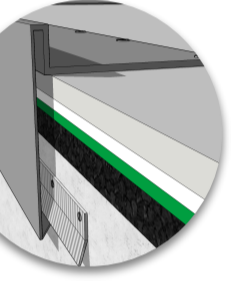


Stage 10 | Verge Detailing

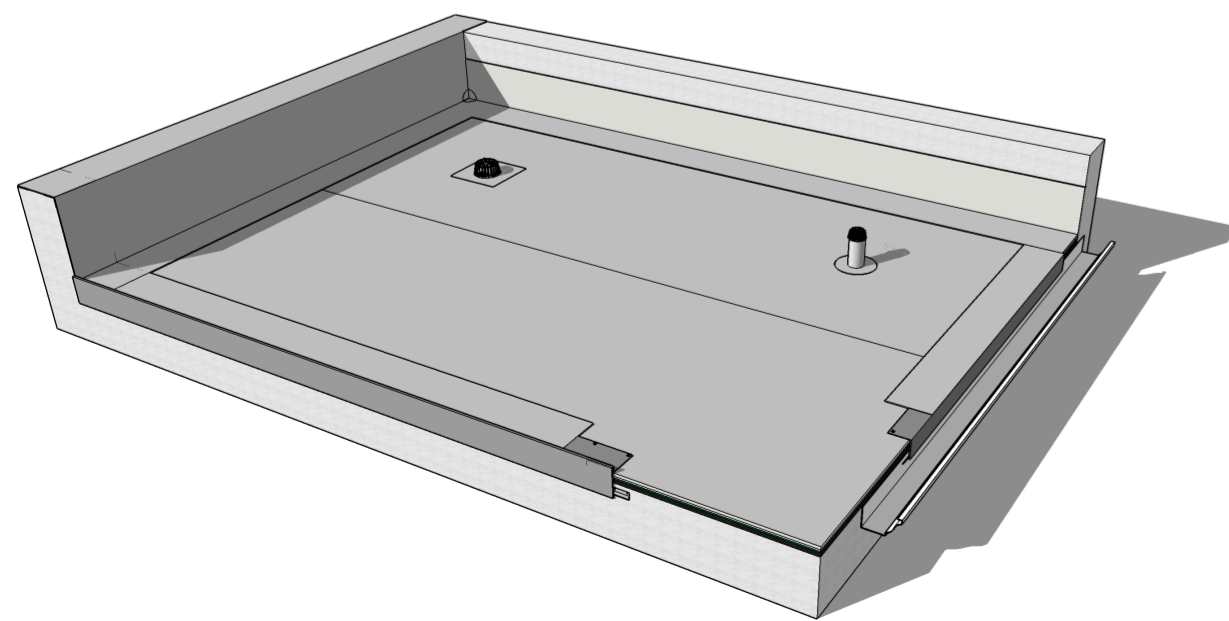


10A. Fix Fatranyl externally coated PVC metal verge angle at 150mm centres to edge of building. Verge angle is to clip behind support angle which is fixed to the structure to support verge flashing.

10B. Install 150mm Fatrafol 810v PVC membrane strap to the entire length of the verge. The PVC membrane strap is to lap onto the field sheet a minimum of 100mm. Install a continuous hot air fusion weld to the PVC coated verge angle and field sheet membrane in accordance with Fatra technical specification and methodologies.

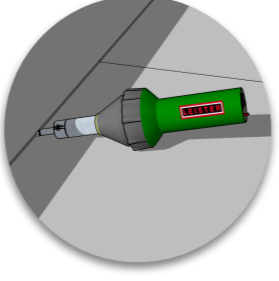
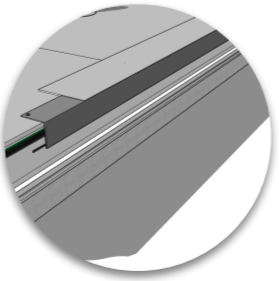
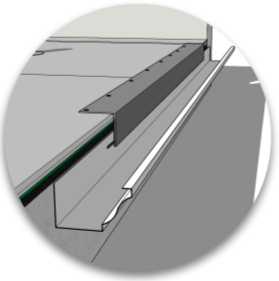


Stage 11 | Eaves Gutter Detailing

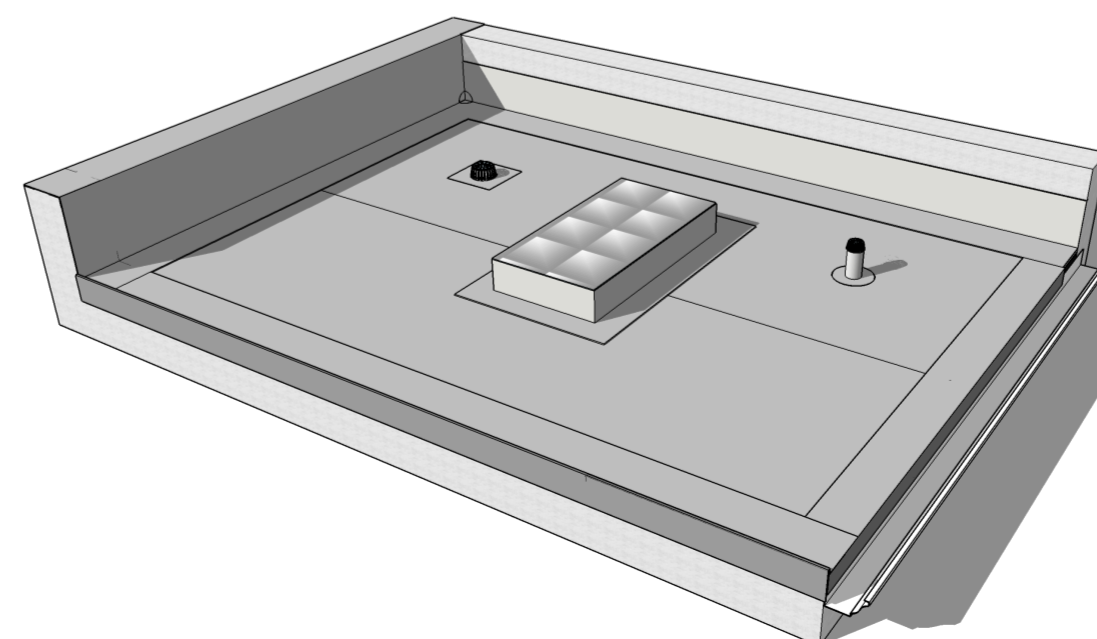


11A. Fix Fatranyl externally coated PVC metal crush and fold gutter angle at 150mm centres into the eaves gutter. Seal Fatranyl gutter angle using butyl tape to the gutter and seal angle.

11B. Install 150mm Fatrafol 810v PVC membrane strap to the entire length of the eaves gutter. The PVC membrane strap is to lap onto the field sheet a minimum of 100mm. Install a hot air fusion weld to the PVC coated eaves gutter angle and sheet membrane accordance with Fatra technical specification and methodologies.



Stage 12 | Skylight Detailing



12A. Around all vertical and horizontal upturns to skylight hobs, install a Fatranyl internally coated PVC angle fixed over the field sheet membrane. All angles are to be fixed at 150mm centres. Leave 2mm gap between angles to allow for expansion. (Refer to "Stage 7 Fatranyl PVC Coated Angles")

12B. Install a continuous Fatrafol 810v PVC membrane strap to the entire length of the perimeter hobs, plinths and the like. Hot air fusion weld Fatrafol 810v membrane strap to field sheet membrane and termination angles in accordance with Fatra technical specifications and methodologies.

