



HomeGuard[®]

Precision Termite Management



HomeGuard Blue Installation Supplement

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HomeGuard Collars Patent No.14520/2005 to 14523/2005

INTRODUCTION

HomeGuard Blue is a single impregnated sheet, 0.25mm thick Termite Moisture Barrier that has recently been added to the HomeGuard Range of products. HomeGuard Blue is specifically designed as a cost effective perimeter cavity termite barrier system and is to be used in combination with the existing components in the HomeGuard Precision Termite Management System.

Under the Australian Standard AS3660.1 *Termite Management Part 1: New building work* **HomeGuard Blue** is classified as a termite barrier in a non-soil matrix and can be utilised as a chemical and/or a physical Termite Management System meeting the 'Performance Appraisal' requirements of the Building Code of Australia (BCA).

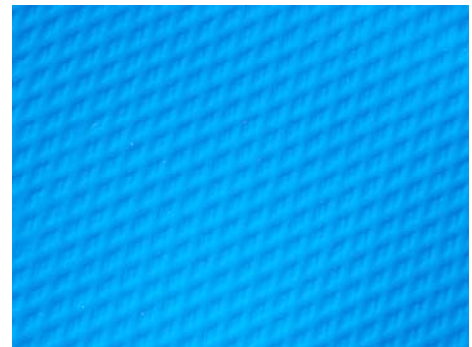
HomeGuard Blue is a 0.25mm Termite Moisture Barrier that is designed for installation in the perimeter cavity. In accordance with AS 2870 the installation of an additional commercial damp proof course is required on top of the HomeGuard Blue sheet.

HomeGuard Blue Sheet.

HomeGuard Blue 0.25mm roll 50M *0.3M



HomeGuard Blue embossed surface



HomeGuard Blue comes with the same quality and certification that is already expected from the HomeGuard family of products and should be used in combination with other components of the HomeGuard precision Termite management System. Used in a combination with HomeGuard Collars HomeGuard Blue is also backed by the standard HomeGuard warranty.

** Refer to conditions and limits of the HomeGuard warranty*

HomeGuard Collars.



Perimeter Cavity installations of HomeGuard Blue with a separate DPC

Perimeter Cavity installations using HomeGuard Blue – is only installed as a termite barrier system in the perimeter cavity with a separate standard Damp Proof Course installed above the Termite Barrier for AS 2870 compliance.

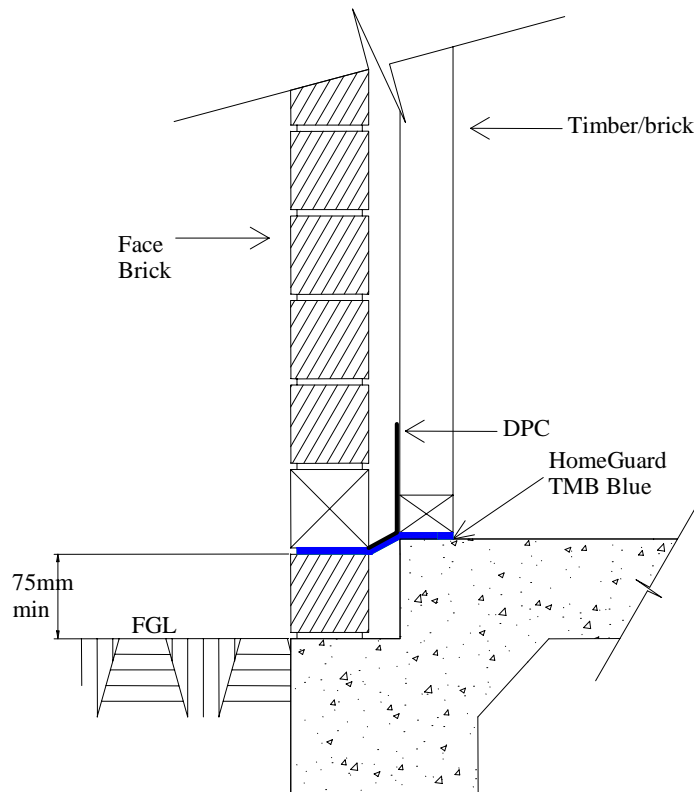
HomeGuard should be set to the top of the slab edge using 15mm concrete clouts with washers horizontally across the perimeter cavity to extend to the outer edge of the first course of bricks. The HomeGuard Blue TMB must be securely pinned to the slab with the bottom plate timbers or the first course of inner bricks.

Note:

An additional Damp Proof Course should be installed above the HomeGuard Blue TMB to comply with building codes in accordance with AS 2780.

Penetration Collars can be constructed using HomeGuard Blue. Refer to the HomeGuard manual and follow the steps for using TMB 0.2mm.

(Refer to specific installation drawings for more details.)

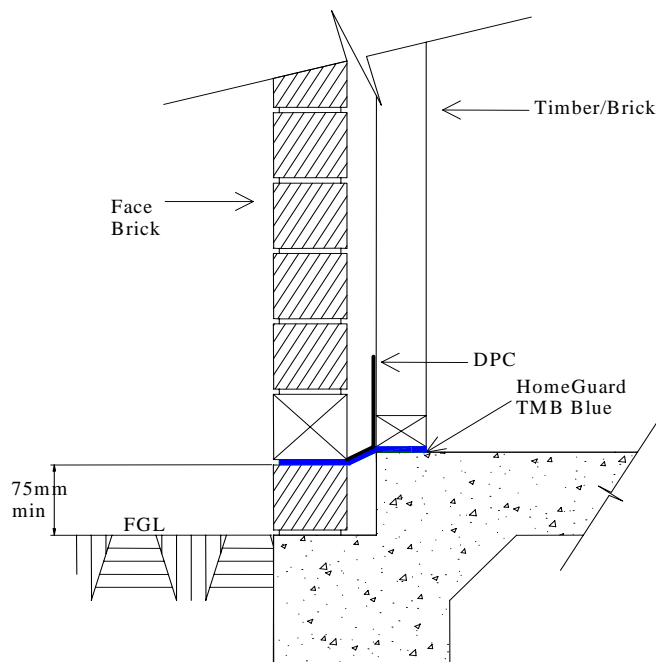


Perimeter cavity detail – single rebate (PCB1)

In all cases it is important that the finished ground level is at least 75mm away from the HomeGuard Blue joint within the external masonry wall. In all cases where a separate Builders DPC is being installed it is to be installed above the HomeGuard Blue TMB sheet and extend up the inside of the perimeter cavity and be pinned to the stud timbers in the traditional way and according to AS 2780.

HomeGuard Blue TMB sheet shall be affixed to the concrete slab using 15mm concrete clouts with washers spaced at a minimum of 30 cm. Ensure that the sheet passes fully under the bottom plate. The leading edge of the sheet should extend across the perimeter cavity and tie into the external brickwork below the builders DPC.

A minimum fall of 75mm is needed between the top of the damp course and the weep holes in the external brick face.



Perimeter cavity detail – single rebate (PCB1)

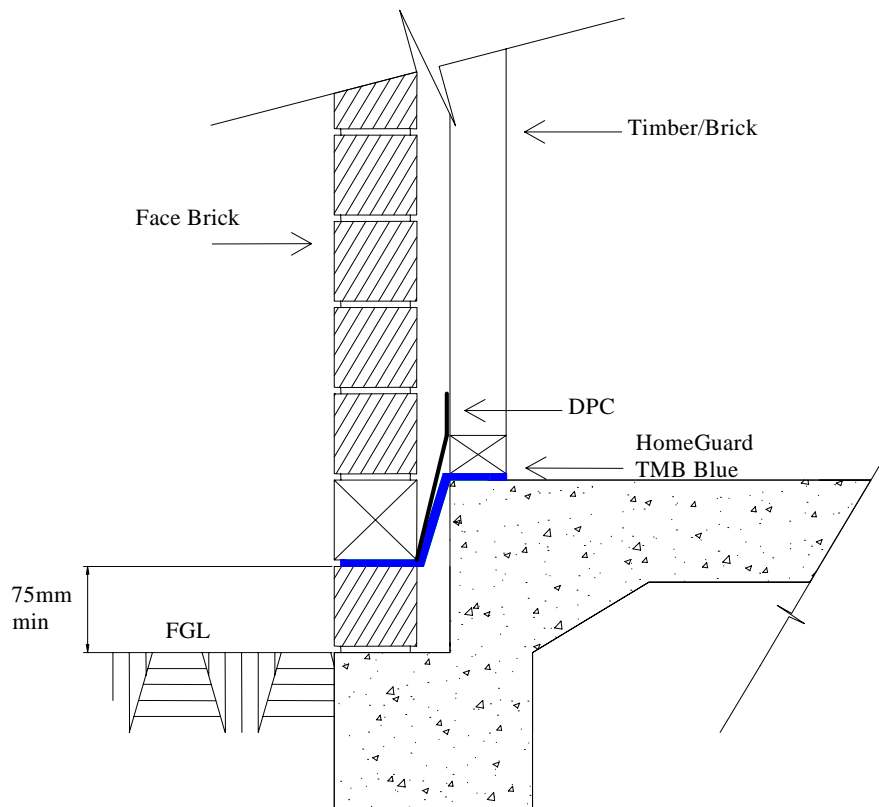
Perimeter cavity detail – multi rebate (PCB2)

The paragraph below refers to construction drawings PCB2 and PCB2 (South Australia).

In all cases it is important that the finished ground level is at least 75mm away from the HomeGuard Blue joint within the external masonry wall. In all cases where a separate Builders DPC is being installed it is to be installed above the HomeGuard Blue sheet and extend up the inside of the perimeter cavity and be pinned to the stud timbers in the traditional way and according to AS 2780.

HomeGuard Blue sheet shall be affixed to the concrete slab using 15mm concrete clouts with washers spaced at a minimum of 30 cm. Ensure that the sheet passes fully under the bottom plate. The leading edge of the sheet should extend across the perimeter cavity and tie into the external brickwork below the builders DPC.

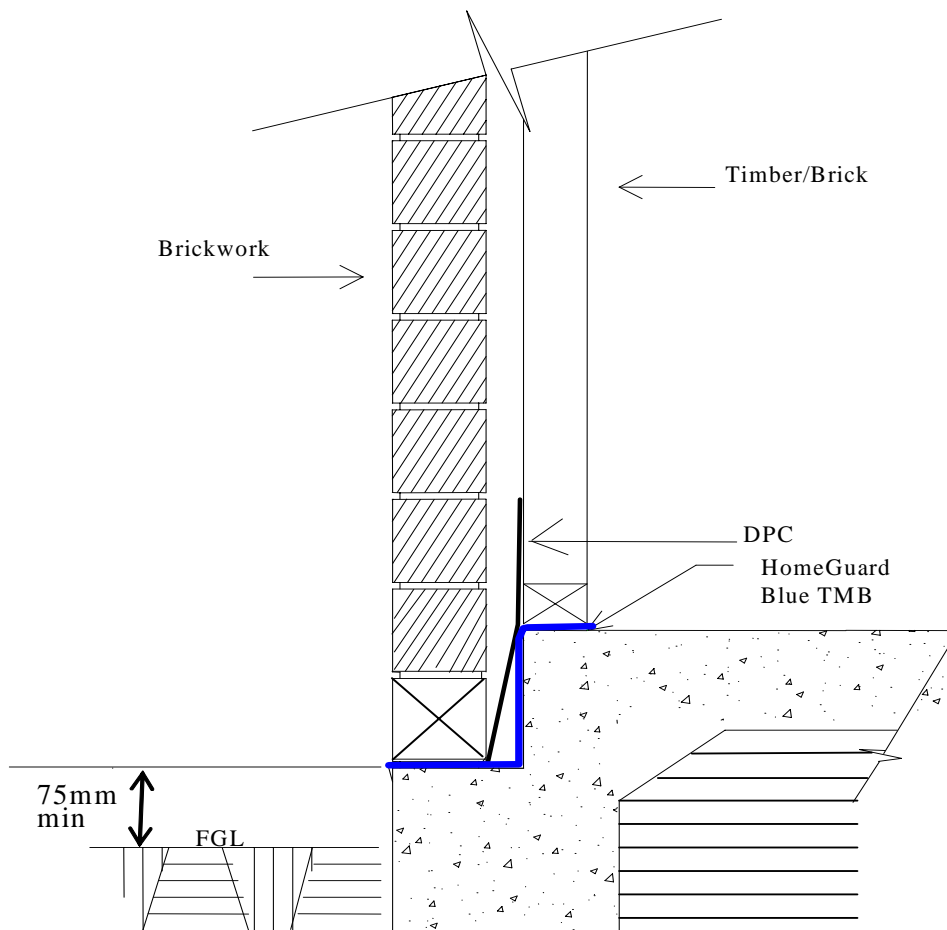
A minimum fall of 75mm is needed between the top of the damp course and the weep holes in the external brick face.



Perimeter cavity detail – multi rebate (PCB2)

Perimeter cavity detail- multi rebate (PCB2) For South Australia

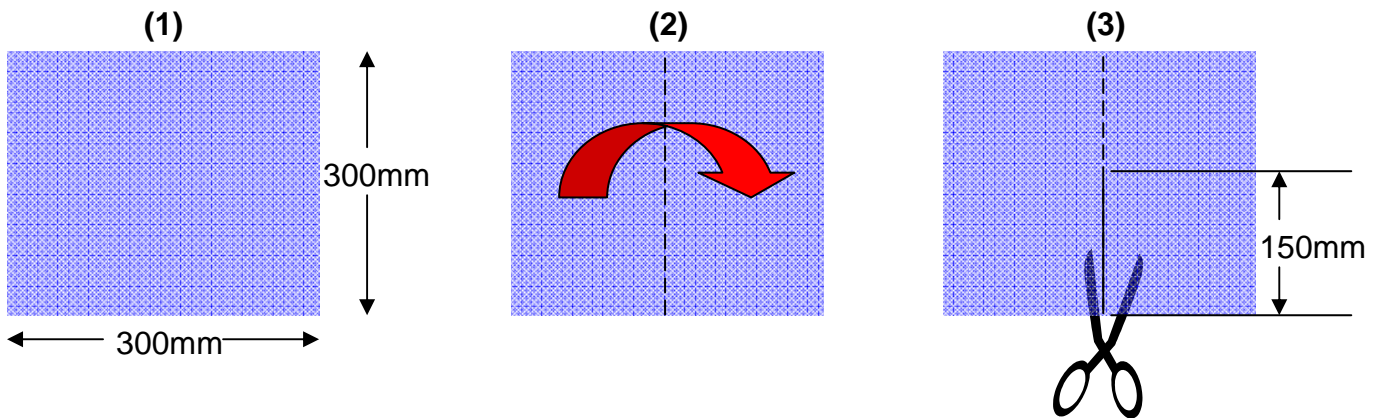
Using this method, HomeGuard Blue installation will require a slightly different corner construction method; for instructions on this method, refer to the South Australian Corner installation diagram below.



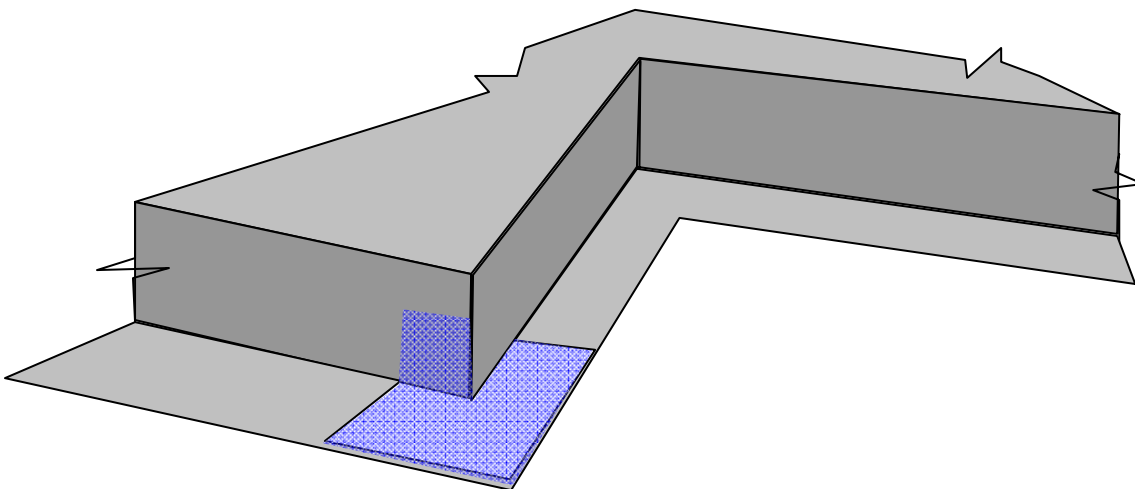
South Australian corner construction

External corner.

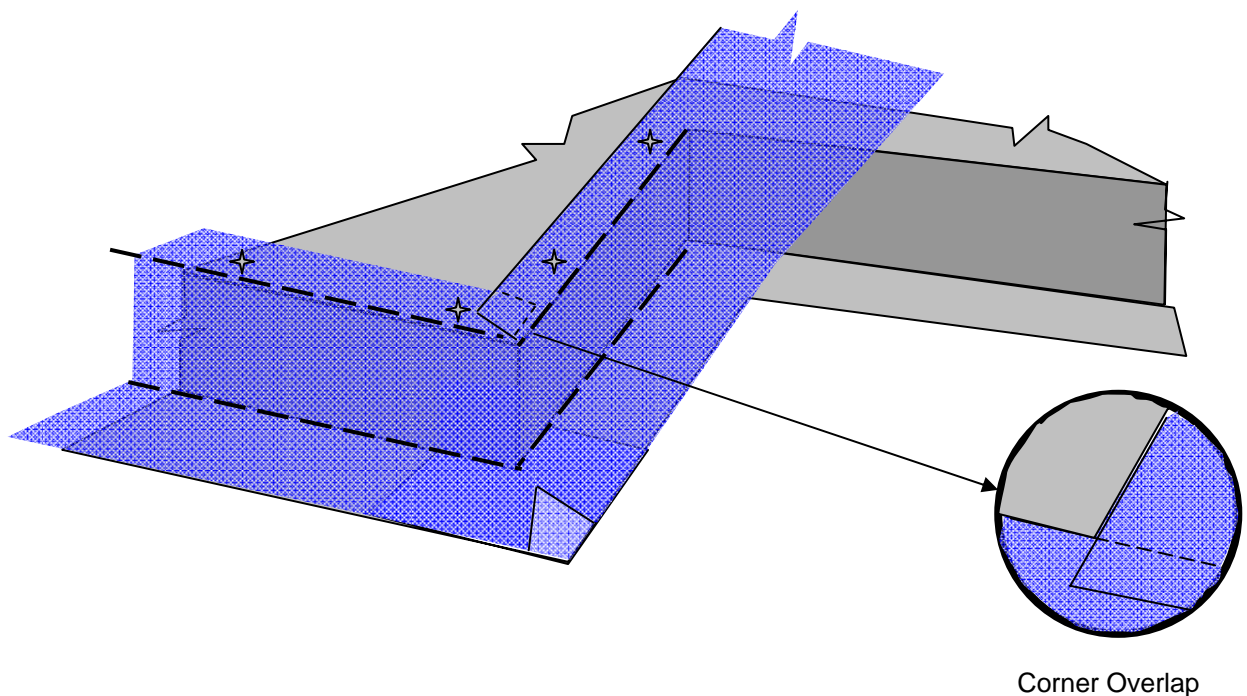
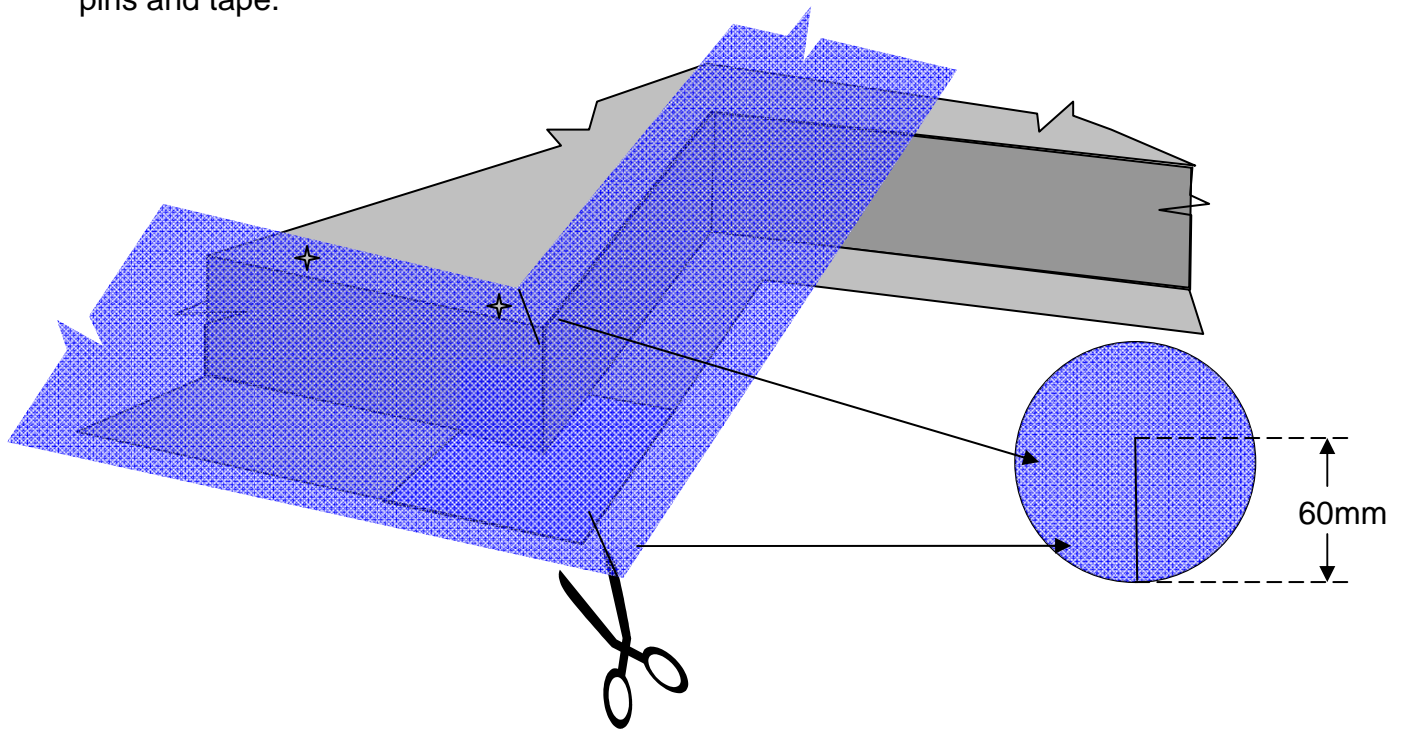
- (1) Cut a strip of HomeGuard Blue 300mm x 300mm.
- (2) Fold the square of sheet in half.
- (3) Cut 150mm to the centre of the square along the fold line.



- (4)** Place this strip on the horizontal surface of the slab at the corner. Push one side of the cut flap up the horizontal side of the slab and lay the other side of the flap along the brick line and pin the sheet tightly into the corner so that the leading edge is pinned very tight into the corner angle.



(5) Install HomeGuard Blue as normal until you get to the corner. Snip a 60mm cut at the top of the corner and again at the bottom so that the HomeGuard Blue can be folded round the corner. Pin HomeGuard Blue to the inside edge of the slab. Ensure that the hole between the bottom strip and the perimeter Cavity material is covered and secure with pins and tape.



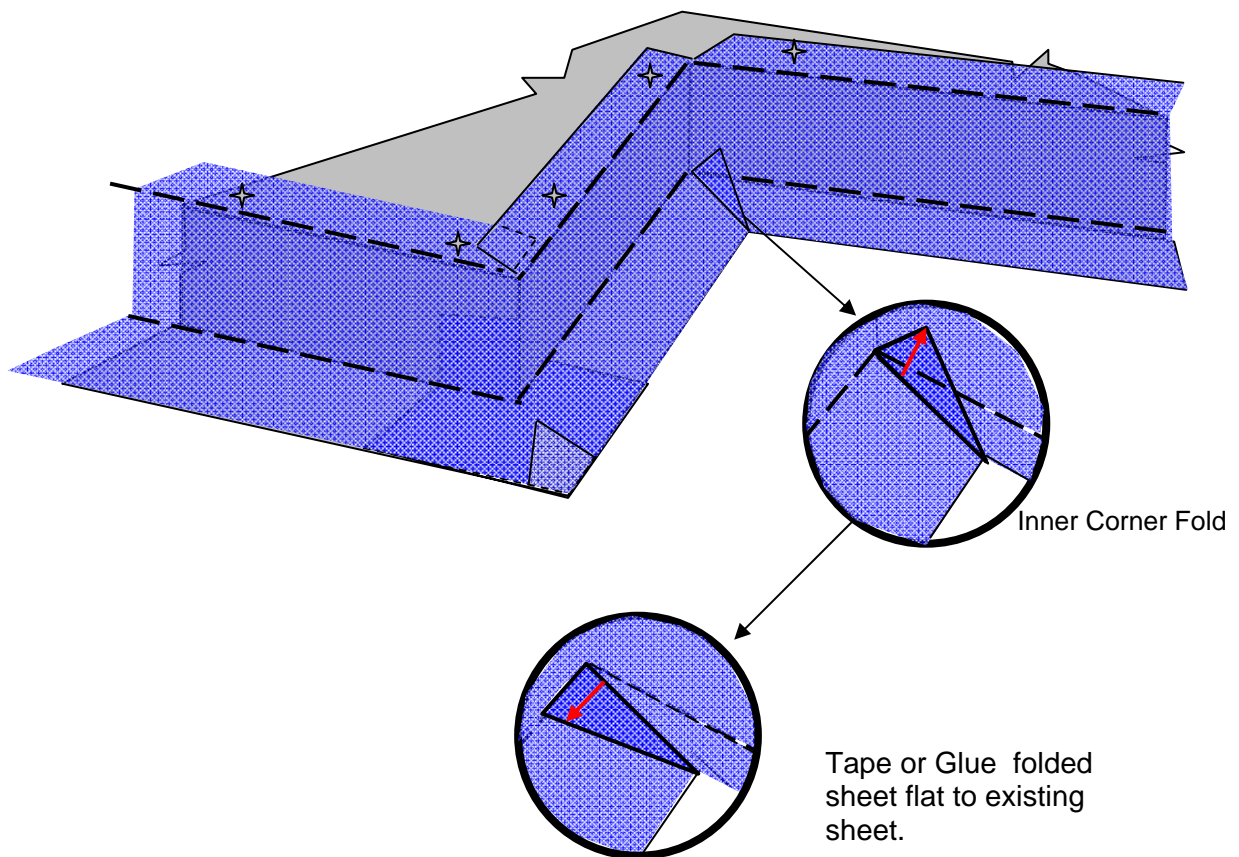
Completed External Corner

Internal corner.

Bottom Plate Area of the slab is cut 60mm on the corner and the HomeGuard Blue is bent round the slab edge and fold on the brick line is pulled UP. Fold is then pinned in the mortar line. No cutting of the DPC is required. DPC is then secured to the inner side of the slab. At all times ALL holes need to be patched.

This installation still requires the HomeGuard Blue to be firmly secured under the bottom plate and in the mortar line. The use of a paring agent like Selleys® All Clear can assist in the paring of the HomeGuard Blue to the concrete in the perimeter cavity. Any holes caused by miss fired pins should be patched with patches.

This install is restricted to areas where the slab is poured with a pre formed rebate as found in exposed slab constructions in SA. It is also suitable for 2 and 3 brick rebate installs where the conventional Home Guard corners are too bulky or buckle when crossing the perimeter cavity at a 30 degree or 45 degree angle.



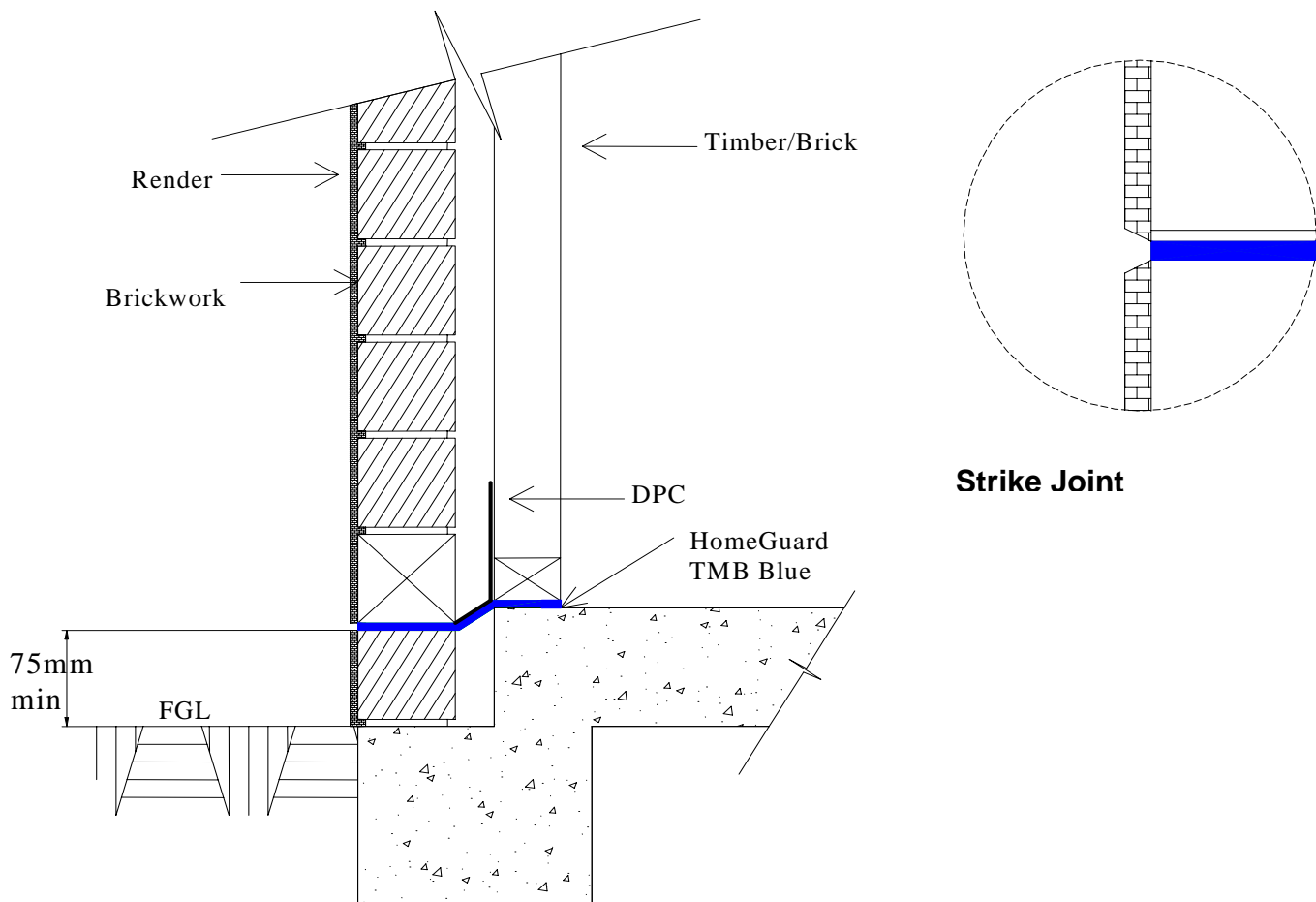
Completed External and Internal Corner (South Australia)

Perimeter cavity detail - Render (BPC3)

In all cases it is important that the finished ground level is at least 75mm away from the HomeGuard Blue joint within the external masonry wall. In all cases where a separate Builders DPC is being installed it is to be installed above the HomeGuard Blue sheet and extend up the inside of the perimeter cavity and be pinned to the stud timbers in the traditional way and according to AS 2780.

HomeGuard Blue sheet should be affixed to the concrete slab using 15mm concrete clouts with washers spaced at a minimum of 30 cm. Ensure that the sheet passes fully under the bottom plate. The leading edge of the sheet should extend across the perimeter cavity and tie into the external brickwork below the builders DPC.

A minimum fall of 75mm is needed between the top of the damp course and the weep holes in the external brick face.



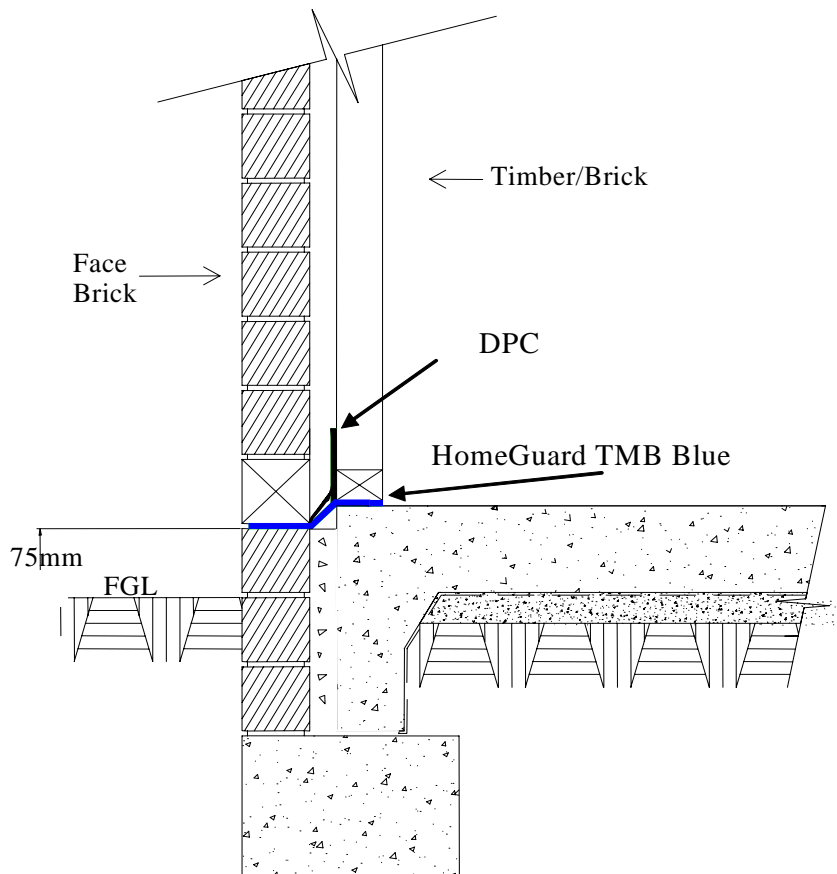
Perimeter cavity detail - Render (BPC3)

Perimeter cavity detail - non-monolithic infill (BPC4)

In all cases it is important that the finished ground level is at least 75mm away from the HomeGuard Blue joint within the external masonry wall. In all cases where a separate Builders DPC is being installed it is to be installed above the HomeGuard Blue sheet and extend up the inside of the perimeter cavity and be pinned to the stud timbers in the traditional way and according to AS 2780.

HomeGuard Blue sheet shall be affixed to the concrete slab using 15mm concrete clouts with washers spaced at a minimum of 30 cm. Ensure that the sheet passes fully under the bottom plate. The leading edge of the sheet should extend across the perimeter cavity and tie into the external brickwork below the builders DPC.

A minimum fall of 75mm is needed between the top of the damp course and the weep holes in the external brick face.



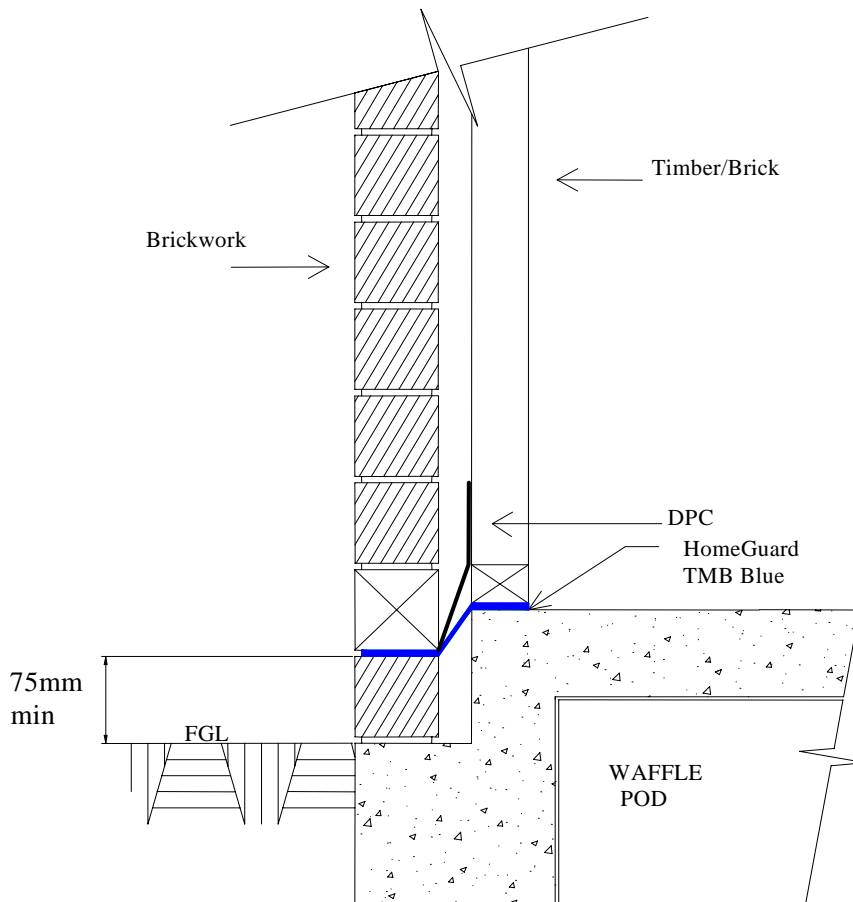
Perimeter cavity detail - non-monolithic infill (BPC4)

Perimeter cavity detail - Waffle pod (BPC5)

In all cases it is important that the finished ground level is at least 75mm away from the HomeGuard Blue TMB joint within the external masonry wall. In all cases where a separate Builders DPC is being installed it is to be installed above the HomeGuard Blue TMB sheet and extend up the inside of the perimeter cavity and be pinned to the stud timbers in the traditional way and according to AS 2780.

HomeGuard Blue TMB sheet shall be affixed to the concrete slab using 15mm concrete clouts with washers spaced at a minimum of 30 cm. Ensure that the sheet passes fully under the bottom plate. The leading edge of the sheet should extend across the perimeter cavity and tie into the external brickwork below the builders DPC.

A minimum fall of 75mm is needed between the top of the damp course and the weep holes in the external brick face.



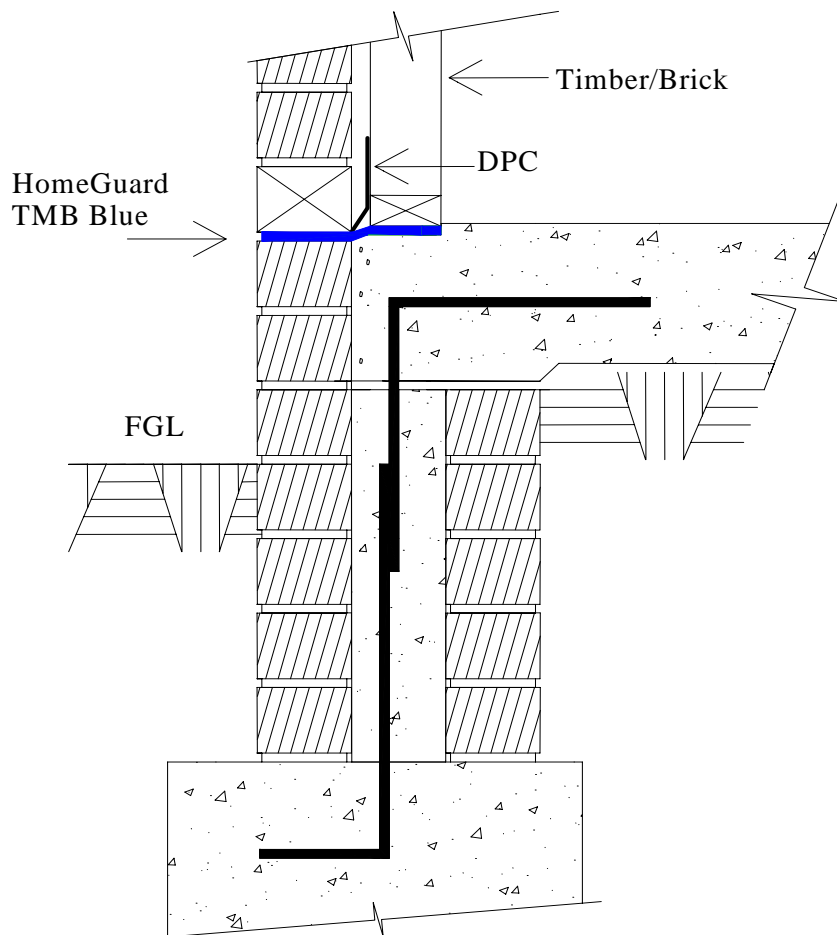
Perimeter cavity detail - Waffle pod (BPC5)

Stiffened raft slab – with edge beam (BPC6)

In all cases it is important that the finished ground level is at least 75mm away from the HomeGuard Blue TMB joint within the external masonry wall. In all cases where a separate Builders DPC is being installed it is to be installed above the HomeGuard Blue TMB sheet and extend up the inside of the perimeter cavity and be pinned to the stud timbers in the traditional way and according to AS 2780.

HomeGuard Blue TMB sheet shall be affixed to the concrete slab using 15mm concrete clouts with washers spaced at a minimum of 30 cm. Ensure that the sheet passes fully under the bottom plate. The leading edge of the sheet should extend across the perimeter cavity and tie into the external brickwork below the builders DPC.

A minimum fall of 75mm is needed between the top of the damp course and the weep holes in the external brick face. In most installations no additional Blue TMB materials are needed.



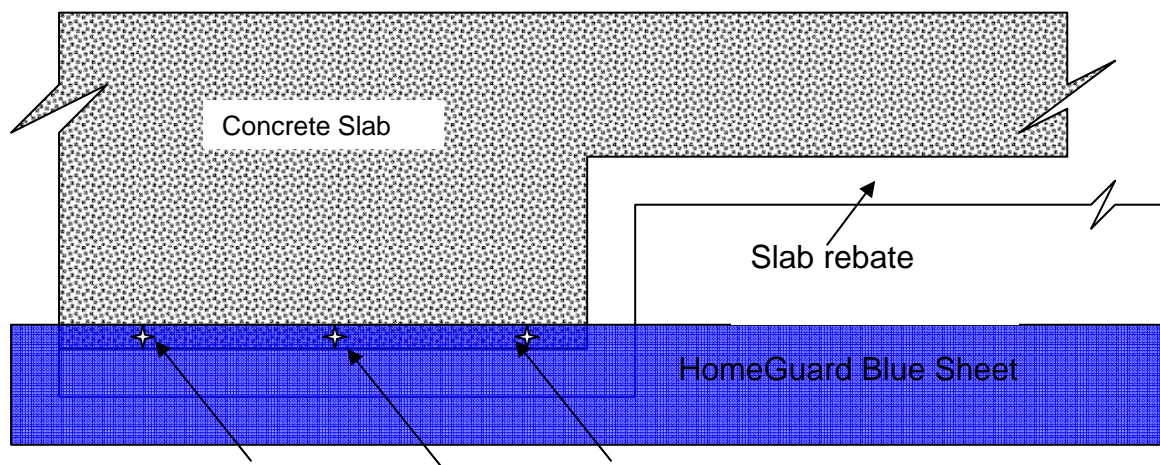
Stiffened raft slab – with edge beam (BPC6)

HomeGuard Blue – Corners.(Normal construction)

Forming of corners is an integral component to the integrity of the HomeGuard Perimeter Cavity System. HomeGuard Blue does not require any cutting to form the corners.(except for South Australia). Care should be taken to ensure the complete and continuous installation of HomeGuard Blue sheet around the edge of the slab with no gaps in the fitted corners.

Step 1

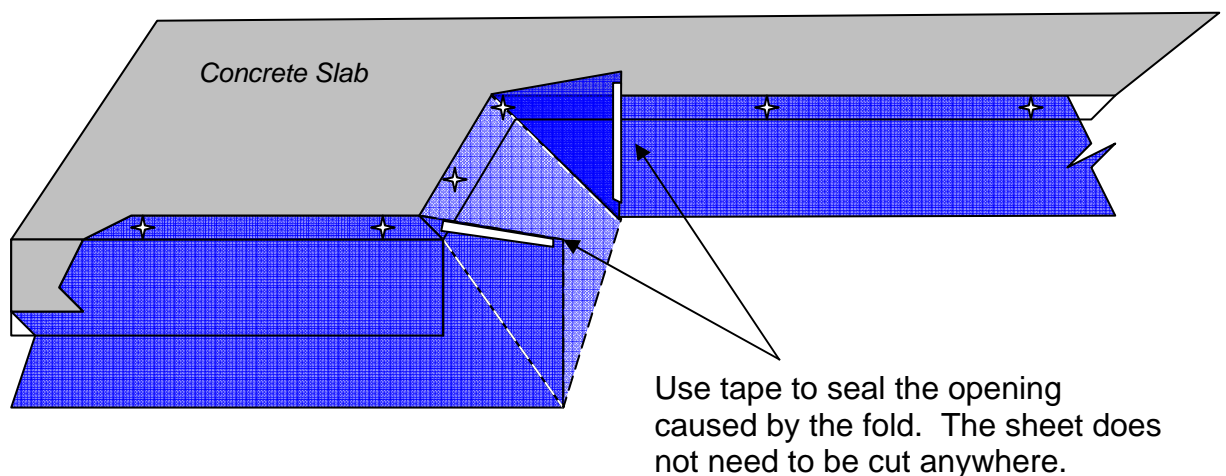
Lay and affix HomeGuard Blue TMB sheet to the slab edge using concrete clouts with washers spaced every 30 cm. Lay and fix the full perimeter installation on the horizontal slab edge before attending to the corners.



Secure sheet onto the slab with clouts every 30cm

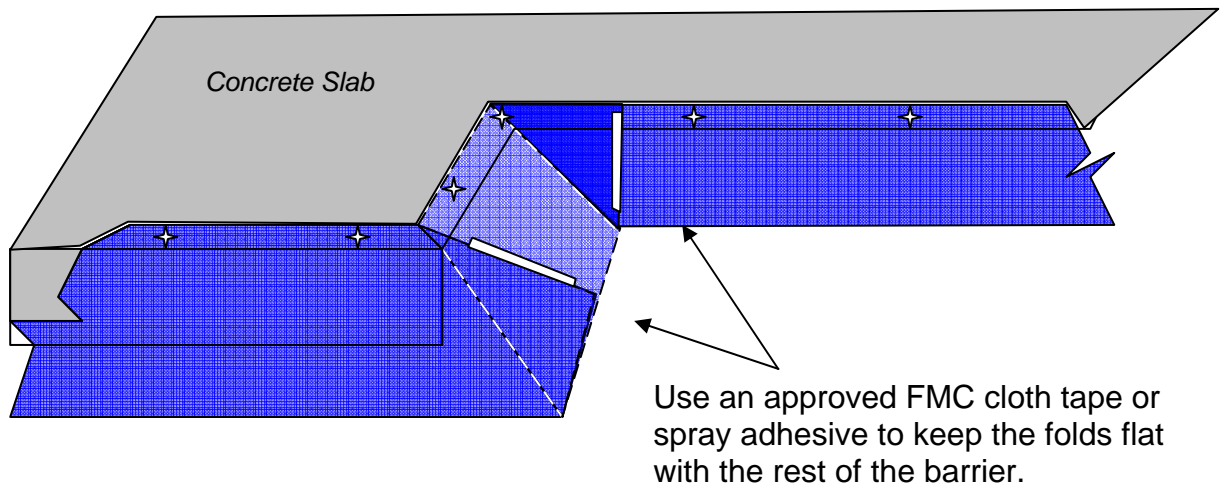
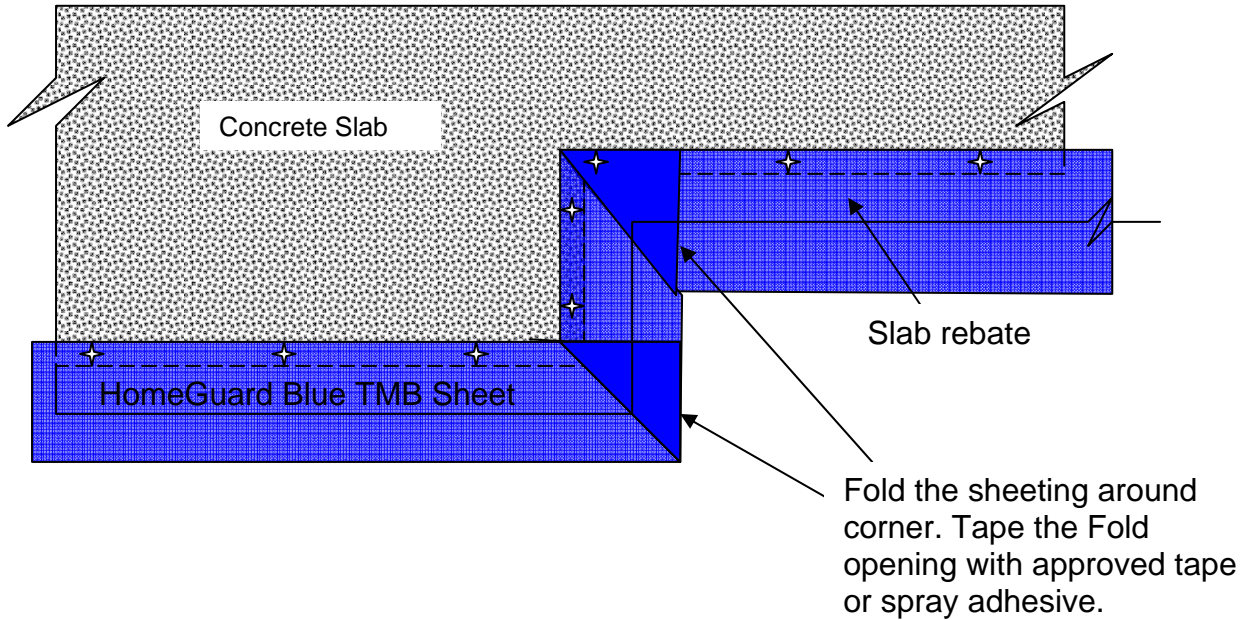
Step 2

Lift the internal edge on the corner so as to create an exposed envelope. Due to the nature of the fold, one side of the folded sheet will be opened and require taping closed.

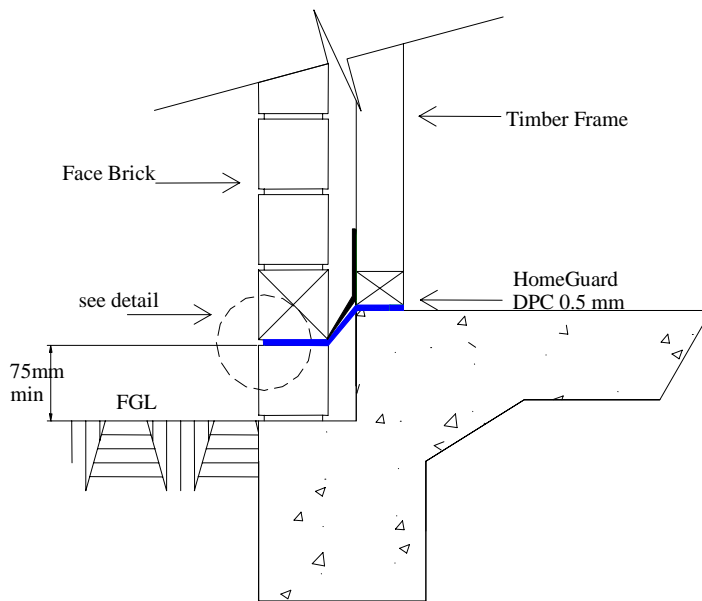


Step 3

Fold the taped edges a second time and secure to the existing barrier using tape or a spray adhesive.



Face Brick – Detail (Mis1B)

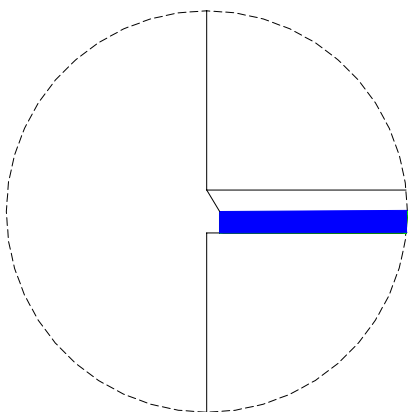


Strike Joint.

If the thickness of the render exceeds 3mm a strike joint must be made during the bricking and rendering process to demote the HomeGuard Blue line. Modern bagging material less than 3mm in thickness does not require a strike joint.

The finished ground level must be a minimum of 75 mm below the line.

1. Formation of a strike joint during the bricking procedure to expose the edge of the HomeGuard Blue TMB sheet.



Other applications.

Refer to the HomeGuard manual for full details on the installation of the full HomeGuard range of products or contact your local Area Manager or the HomeGuard Help line 1800 066 355 for further information.

Contact Phone numbers

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QLD	Chris Hill	0407 483 941
NSW	Trent Giddings	0411 717 663
Vic / SA	Troy Dawson	0417 648 064

Installation Diagrams – Perimeter Cavity with a Separate DPC

