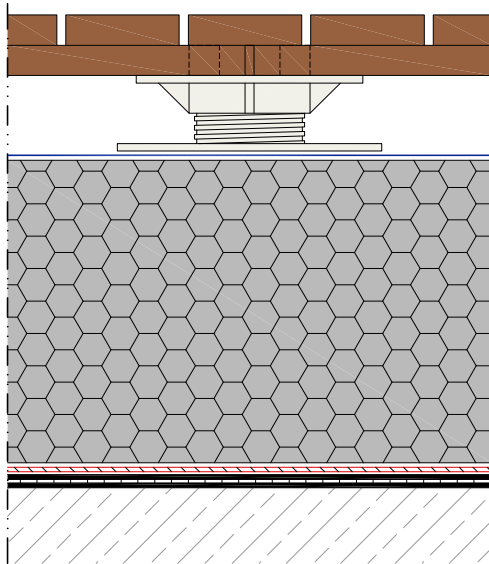
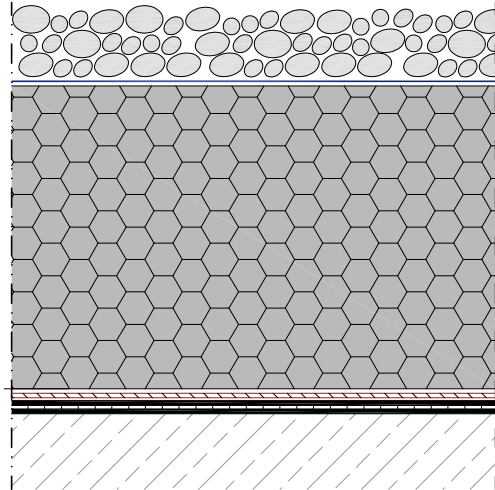


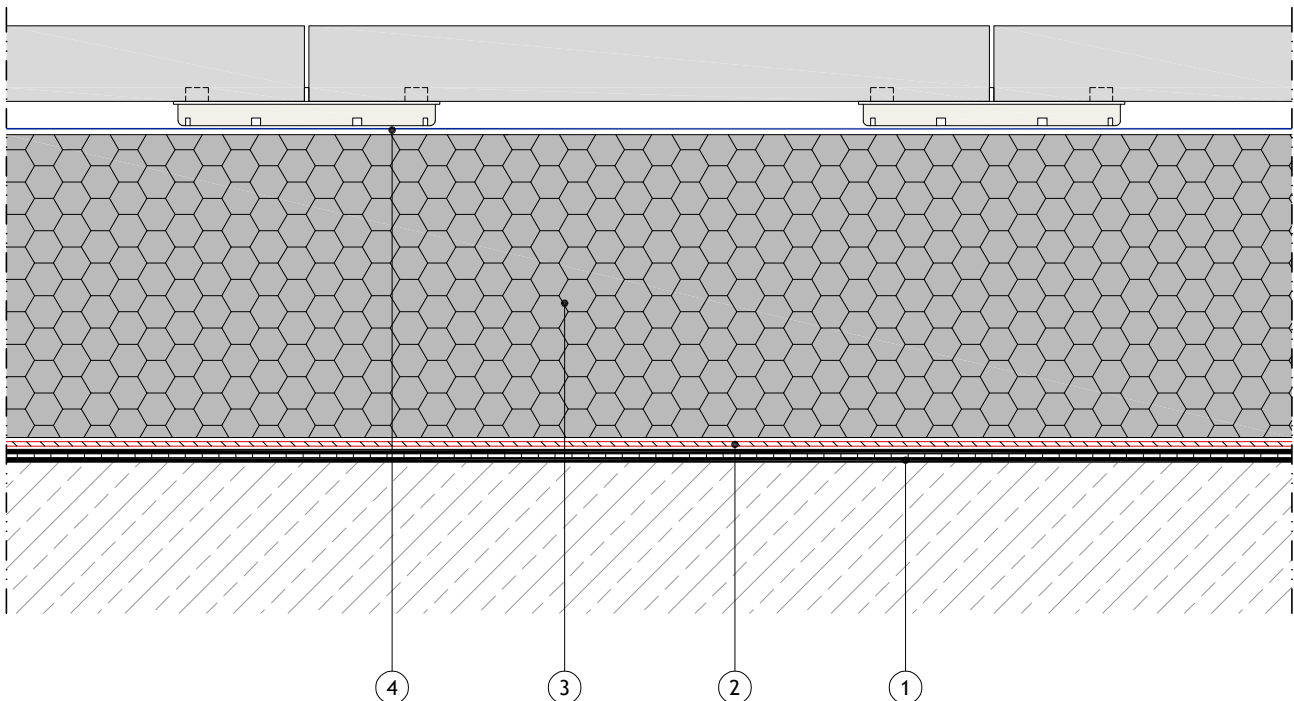
(i) Decking on on supports



(ii) Ballast



(iii) Concrete paving on supports.



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. Hydrogard protection sheet.
3. Alumas thermal insulation, thickness determined to meet the U-value and dew point of the structure.
4. Alumas LO-k Water Flow Reducing Layer.

Surfacing Options:

- (i) Treated timber decking on timber cross-battens, on Roof-Pro Supports.
- (ii) Large rounded pebbles 20-40mm grade, by others.
- (iii) Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.

- This drawing was prepared to serve as a guideline representing typical detailing conditions and illustrate the correct application of Alumas products only. It may be necessary to modify this detail in whole or in part in accordance with specific project conditions, design or requirements.

- Refer to the Alumas project specification for product identification and method of application.



ALUMASC
ROOFING

+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

Alumas Building Products Ltd
White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
Hydrotech 6125
Typical Inverted Roof Build-Up

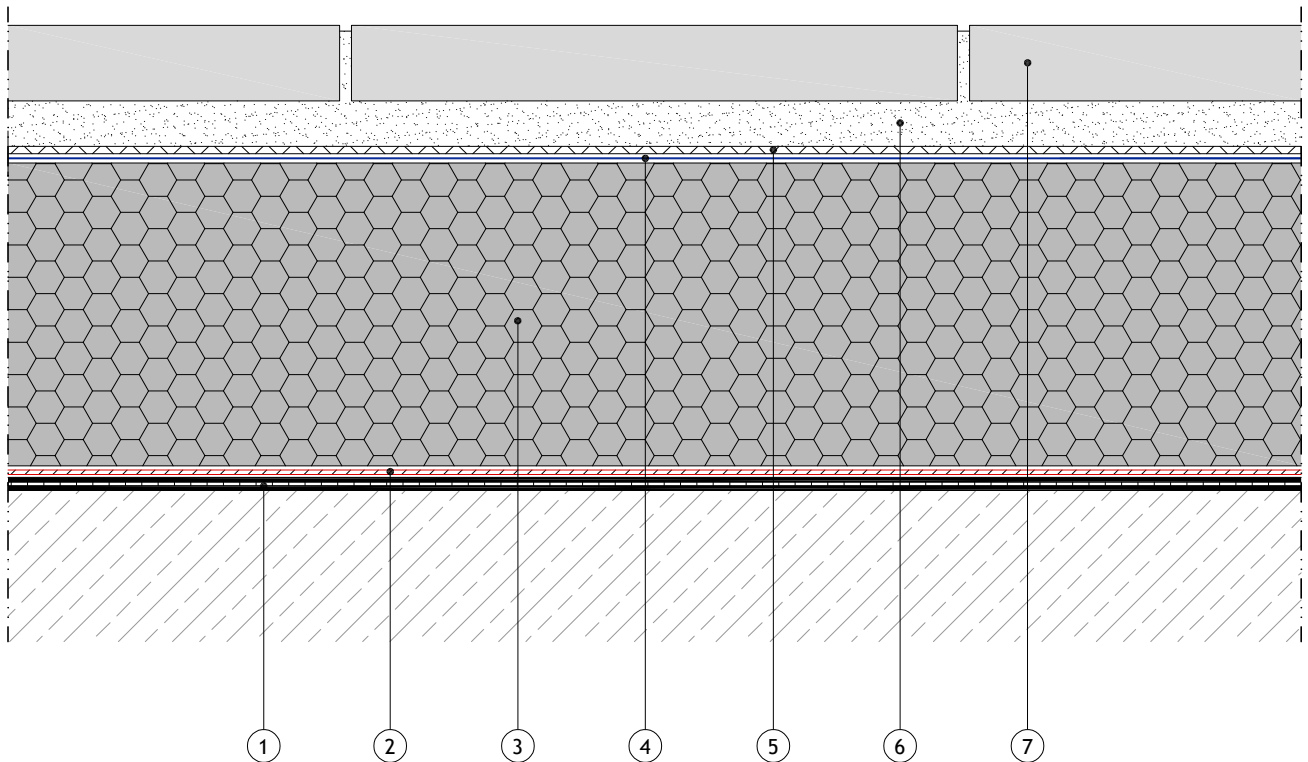
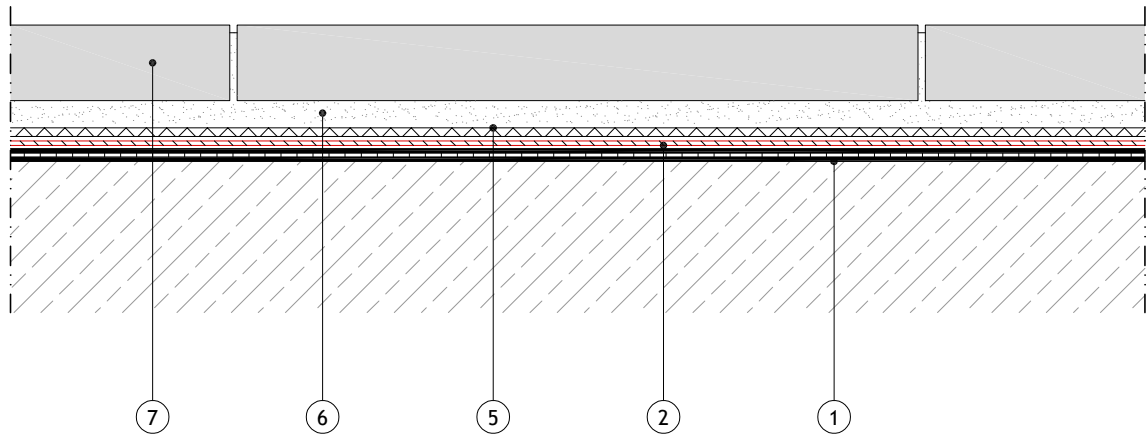
Drawing No:
HYD 01 01

Revision:
A

Scale:
Not to Scale

Date:
January 2026

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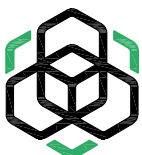


Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. Hydrogard protection sheet.
3. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
4. Alumasc LO-k Water Flow Reducing Layer.
5. Alumasc Hydrodrain sub-surface drainage layer.
6. Cementitious/mortar bed to architectural specification, by others.
7. Paving to architectural specification, by others.

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ROOFING

+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

Alumasc Building Products Ltd
 White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
 Hydrotech 6125
 Typical Podium Build-Up

Drawing No:
 HYD 01 02

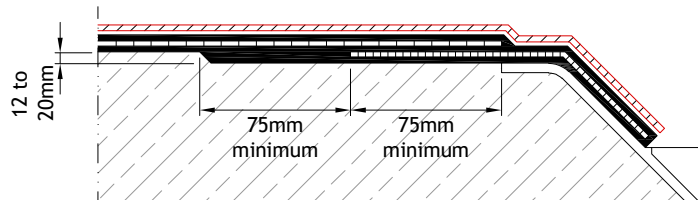
Revision:
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Scale:
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Date:
 January 2026

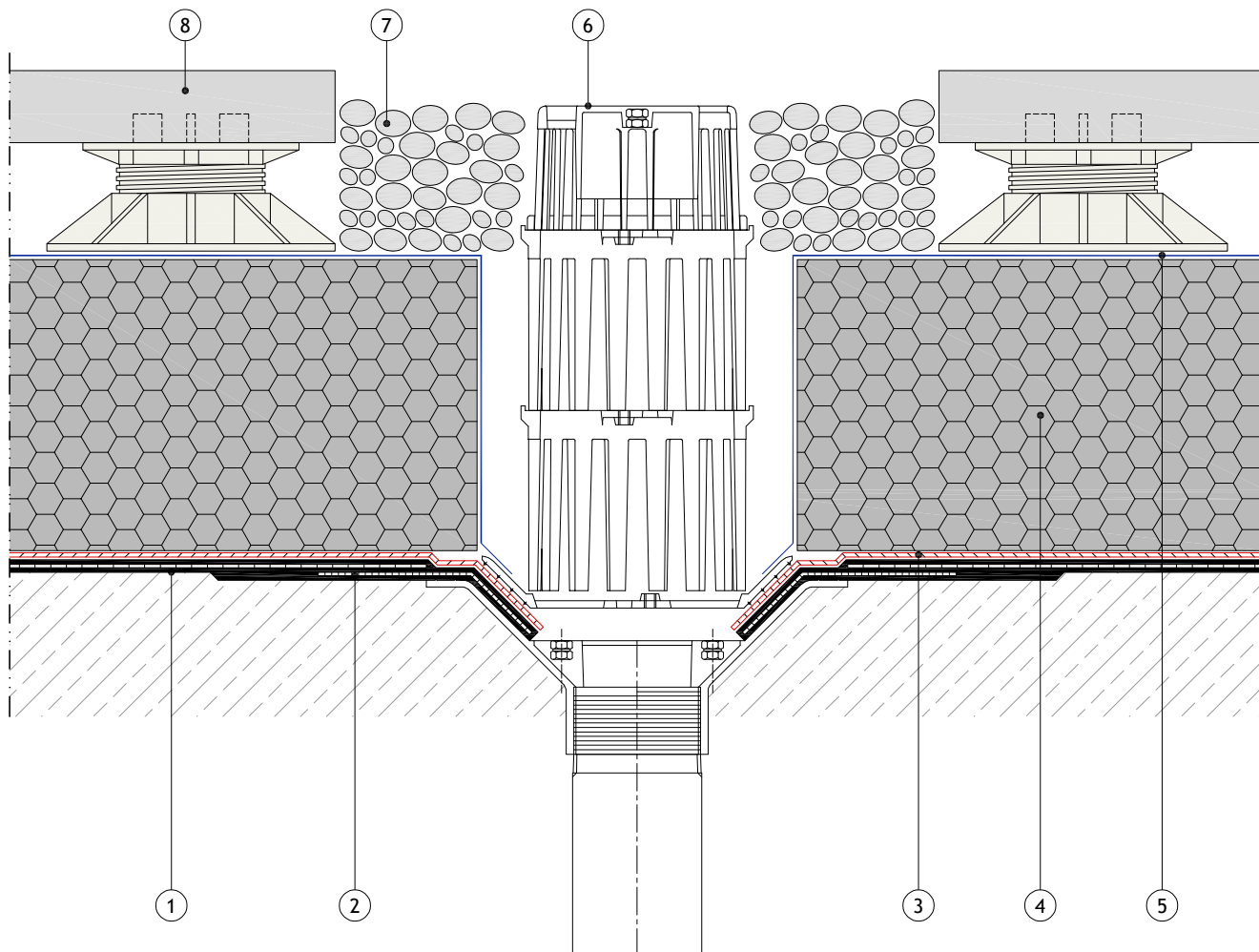
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Detailing magnified



Notes:

- Concrete around outlet should be dressed to promote positive water drainage.
- Flexflash UN should be one sheet extending a minimum of 75mm beyond the outlet flange on all sides & secured by clamping ring.
- Outlet must be maintained free to drain at membrane level.



Section Key:

- Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
- FlexFlash UN uncured neoprene rubber reinforcement.
- Hydrogard protection sheet.
- Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure
- Alumasc LO-k Water Flow reducing Layer.
- Harmer AV outlet (Product Ref: AV300T shown) incorporating clamping ring, extension pieces & domical grate.
- Large rounded pebbles 20-40mm grade, by others.
- Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.

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ROOFING

+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

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 White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:

Hydrotech 6125
 Rainwater Outlet

Drawing No:
 HYD 02 01

Scale:
 Not to Scale

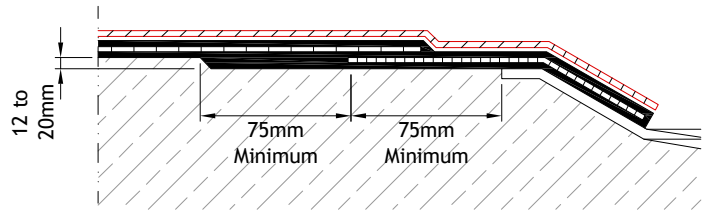
Revision:
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Date:
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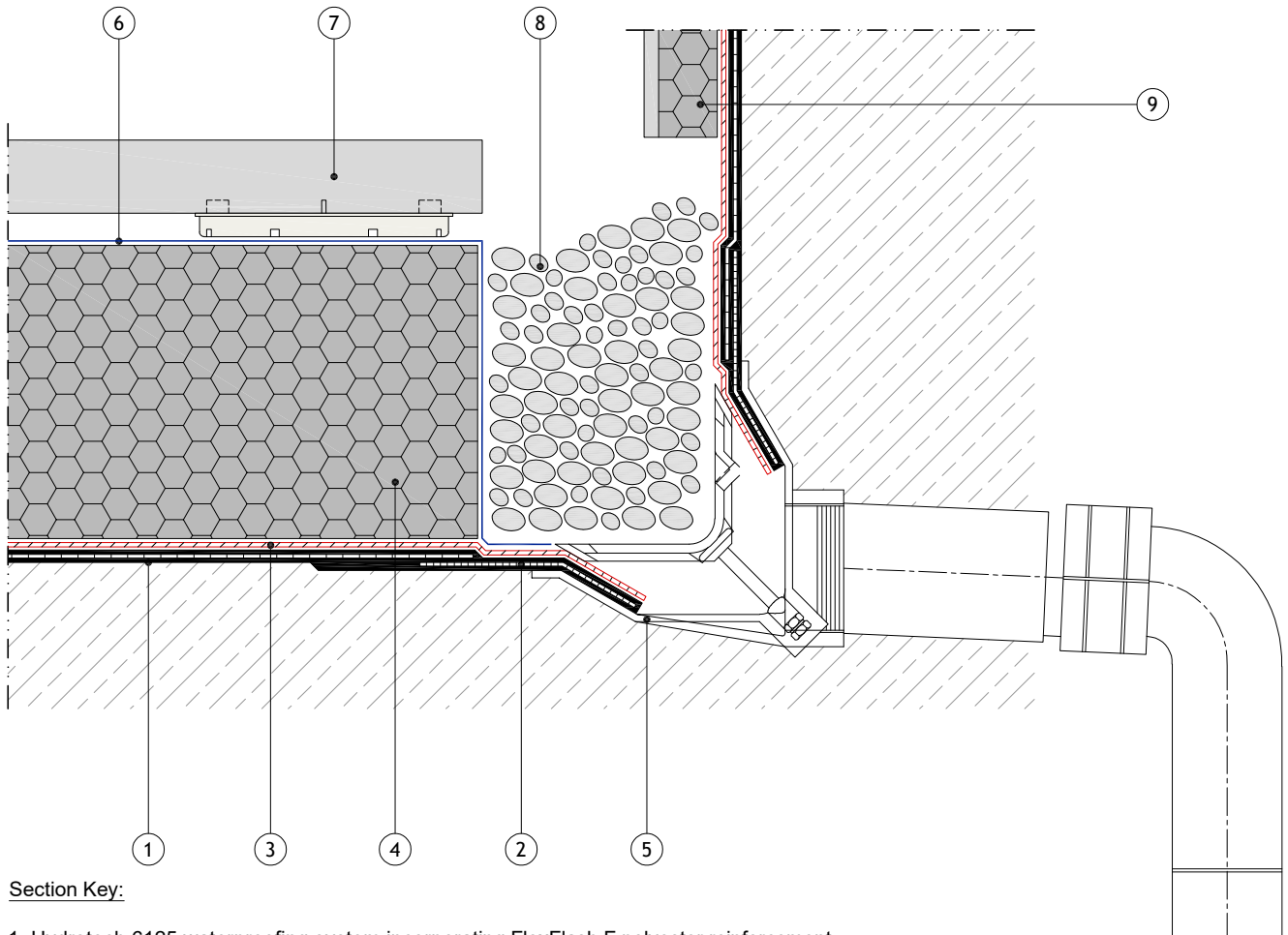
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Notes:

- a. Concrete around outlet should be dressed to promote positive water drainage.
- b. FlexFlash UN should be one sheet extending a minimum of 75mm beyond the outlet flange on all sides & secured by clamping grate.
- c. Outlet must be maintained free to drain at membrane level.



Detailing magnified



Section Key:

- 1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
- 2. FlexFlash UN uncured neoprene rubber reinforcement.
- 3. Hydrogard protection sheet.
- 4. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
- 5. Harmer Two-way outlet (Product ref: 3TW shown) incorporating clamping grate.
- 6. Alumasc LO-k Water Flow Reducing Layer.
- 7. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
- 8. Large rounded pebbles 20-40mm grade, by others.
- 9. Alumasc Extruded Polystyrene Upstand Board to detailing, where applicable, to avoid a cold bridge as determined by the appointed design professional.

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- Refer to the Alumasc project specification for product identification and method of application.



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ROOFING

+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

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White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
Hydrotech 6125
Two-Way Outlet to Abutment

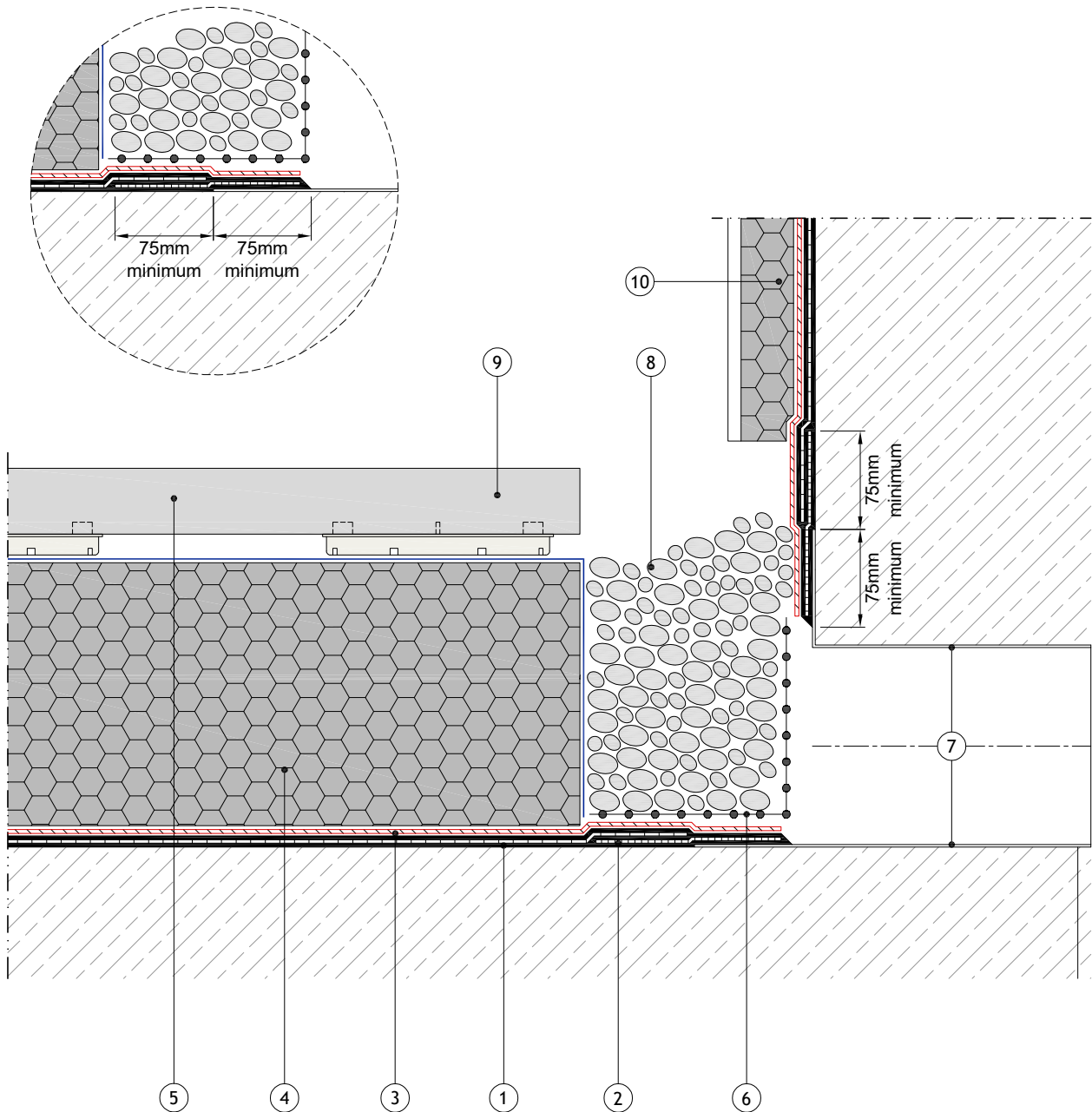
Drawing No:
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Scale:
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Revision:
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Date:
January 2026

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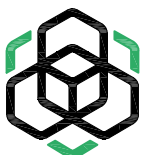


Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. FlexFlash UN uncured neoprene rubber reinforcement.
3. Hydrogard protection sheet.
4. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
5. Alumasc LO-k Water Flow Reducing Layer.
6. Mesh, by others.
7. Metal sleeve, by others, degreased/wire brushed and primed.
8. Large rounded pebbles 20-40mm grade, by others.
9. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
10. Alumasc Extruded Polystyrene Upstand Board to detailing, where applicable, to avoid a cold bridge as determined by the appointed design professional.

- This drawing was prepared to serve as a guideline representing typical detailing conditions and illustrate the correct application of Alumasc products only. It may be necessary to modify this detail in whole or in part in accordance with specific project conditions, design or requirements.

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+44 (0)1744648400
info@alumascroofing.com
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Title:
Hydrotech 6125
Rainwater Chute

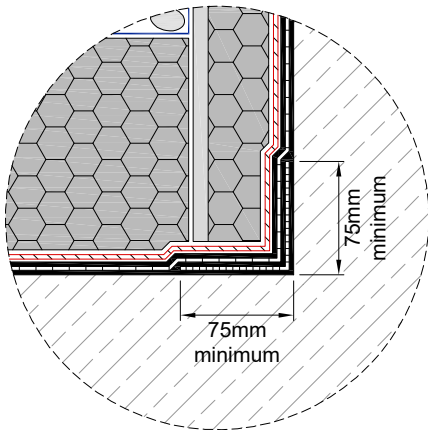
Drawing No:
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Revision:
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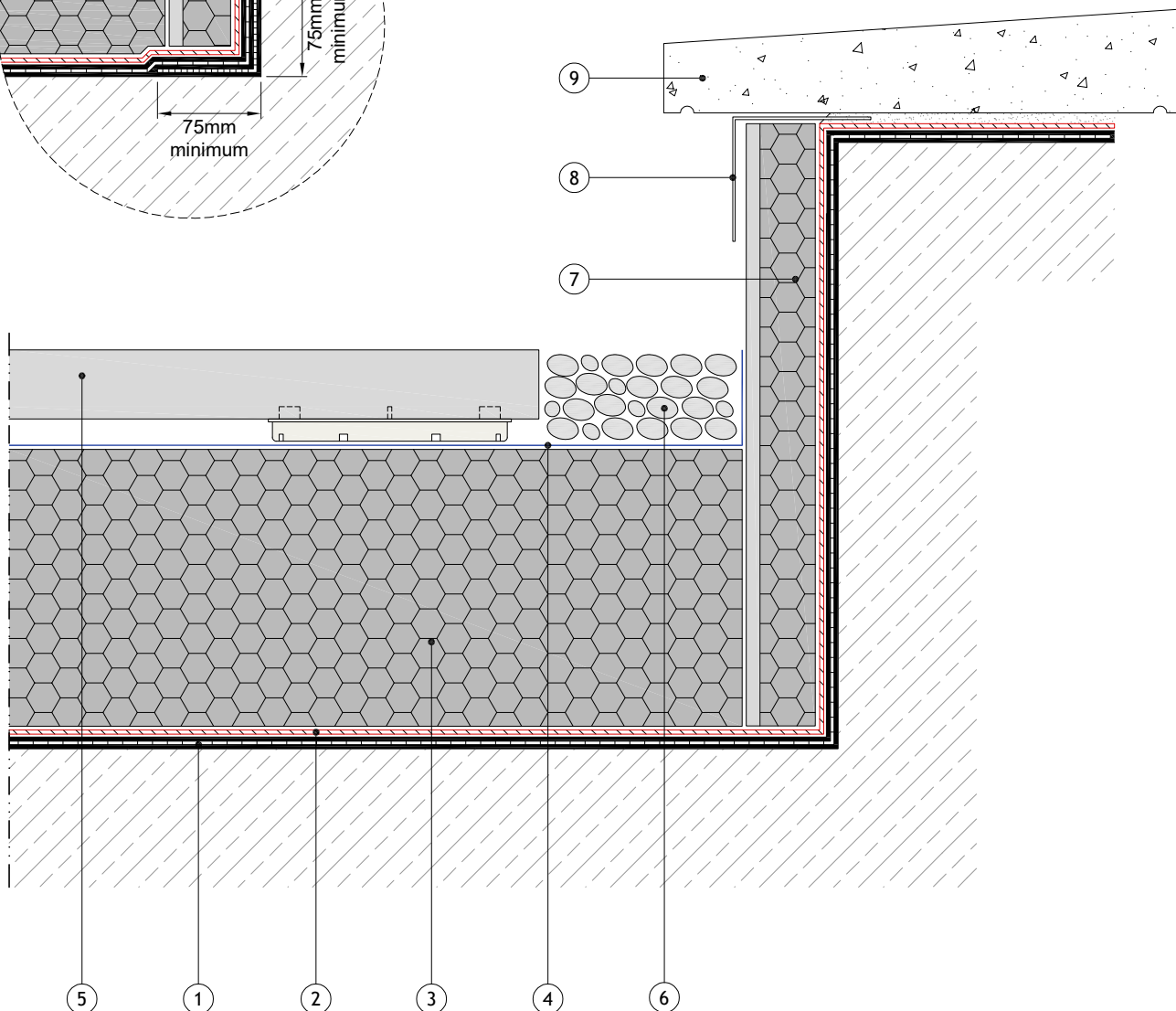
Date:
January 2026

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Notes:

Where minor movement or change in level direction or dissimilar materials occur, the reinforcement is to be Flexflash UN, overlap to Flexflash F, 75mm.



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. Hydrogard protection sheet.
3. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
4. Alumasc LO-k Water Flow Reducing Layer.
5. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
6. Large rounded pebbles 20-40mm grade, by others.
7. Alumasc Upstand Board to detailing, where applicable, to avoid a cold bridge as determined by the appointed design professional.
8. Proprietary metal flashing, by others.
9. Coping stone on suitable mortar bed, by others.

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ROOFING

+44 (0)1744648400
info@alumascroofing.com
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Title:
 Hydrotech 6125
 Abutment with Stone Coping

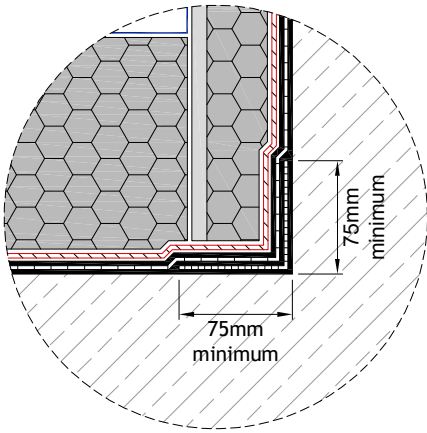
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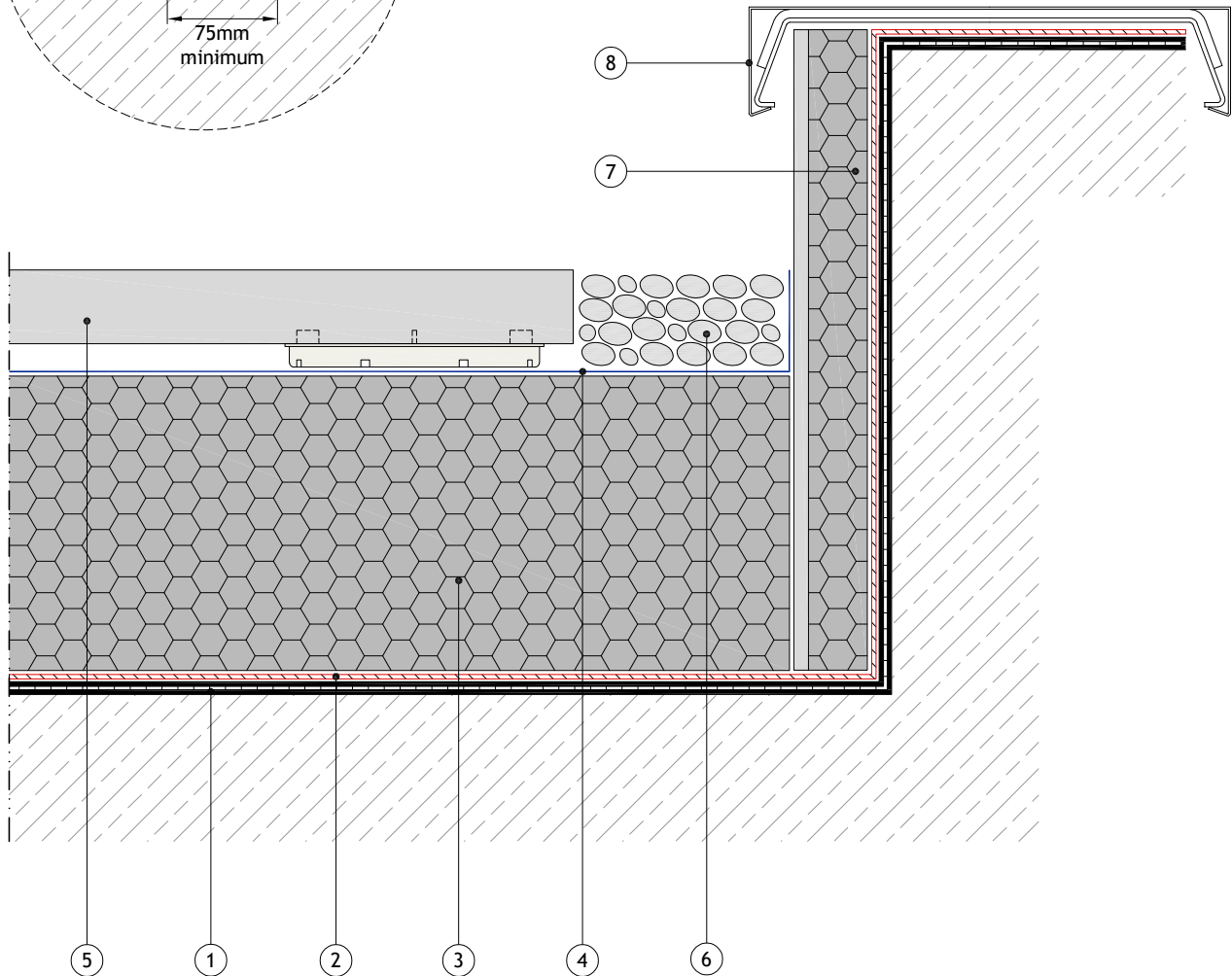
Date:
 January 2026

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Notes:

Where minor movement or change in level direction or dissimilar materials occur, the reinforcement is to be Flexflash UN, overlap to Flexflash F, 75mm.



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. Hydrogard protection sheet.
3. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
4. Alumasc LO-k Water Flow Reducing Layer.
5. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
6. Large rounded pebbles 20-40mm grade, by others.
7. Alumasc Upstand Board to detailing, where applicable, to avoid a cold bridge as determined by the appointed design professional.
8. Alumasc non-penetrating coping system (Product Ref: Skyline coping shown), installed in accordance with Alumasc fixing instructions.

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info@alumascroofing.com
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Title:
 Hydrotech 6125
 Abutment with Aluminium Coping

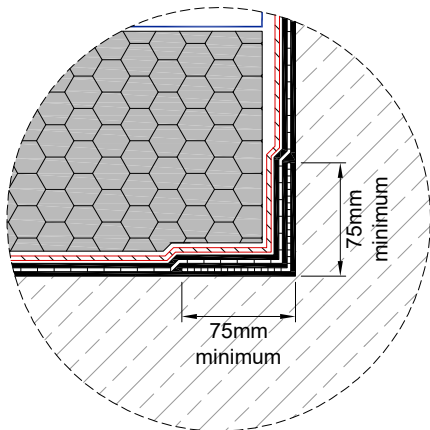
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Revision:
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Date:
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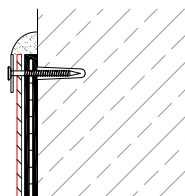
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Notes:

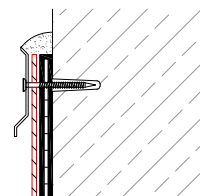
Where minor movement or change in level direction or dissimilar materials occur, the reinforcement is to be FlexFlash UN, overlap to FlexFlash F, 75mm.

Option 2

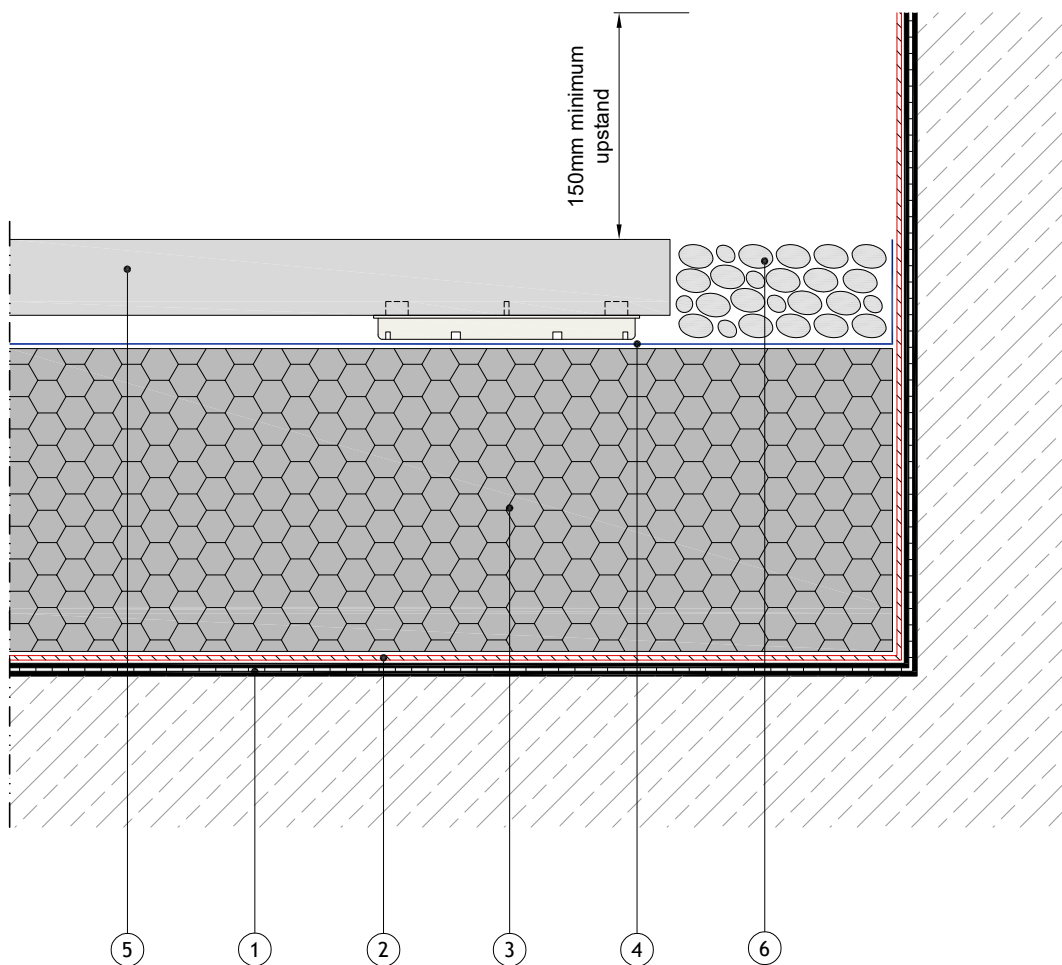


Surface mounted termination bar
sealed with Alumasc Roofing Sealant.

Option 1



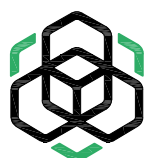
Angled termination bar
sealed with Alumasc Roofing Sealant.



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. Hydrogard protection sheet.
3. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
4. Alumasc LO-k Water Flow Reducing Layer.
5. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
6. Large rounded pebbles 20-40mm grade, by others.

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ROOFING

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info@alumascroofing.com
www.alumascroofing.com

Alumasc Building Products Ltd
White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
Hydrotech 6125
Un-Insulated Abutment with Termination Bar

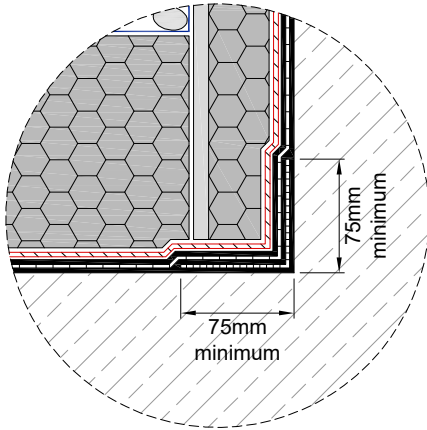
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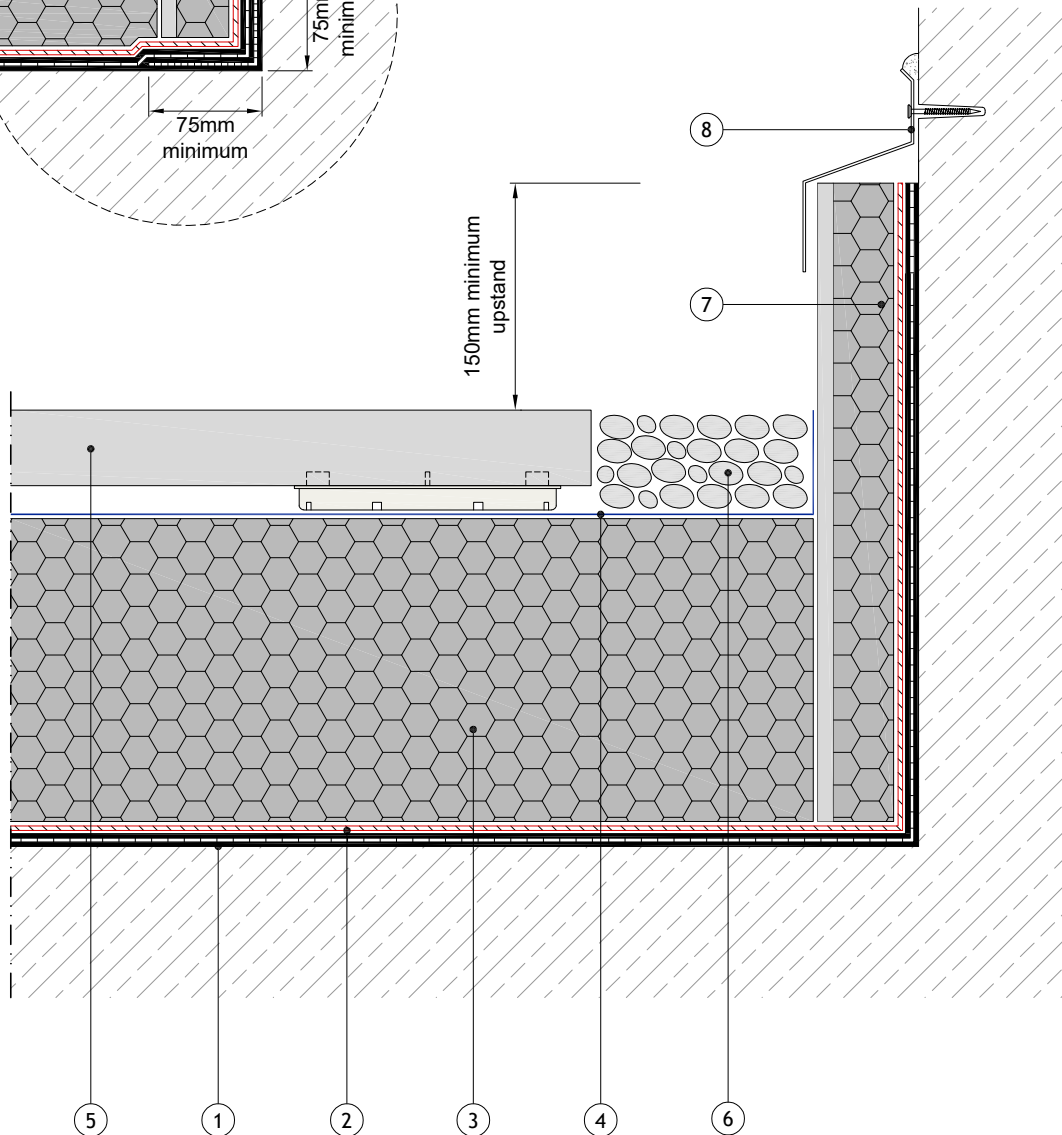
Date:
January 2026

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Notes:

Where minor movement or change in level direction or dissimilar materials occur, the reinforcement is to be FlexFlash UN, overlap to FlexFlash F, 75mm.



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. Hydrogard protection sheet.
3. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
4. Alumasc LO-k Water Flow Reducing Layer.
5. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
6. Large rounded pebbles 20-40mm grade, by others.
7. Alumasc Upstand Board to detailing, where applicable, to avoid a cold bridge as determined by the appointed design professional.
8. Proprietary metal flashing, by others, sealed with Alumasc Roofing Sealant.

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It may be necessary to modify this detail in whole or in part in accordance with specific project conditions, design or requirements.
- Refer to the Alumasc project specification for product identification and method of application.



ALUMASC
ROOFING

+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

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Title:

Hydrotech 6125
Insulated Abutment with Metal Flashing

Drawing No:

HYD 03 04

Scale:

Not to Scale

Revision:

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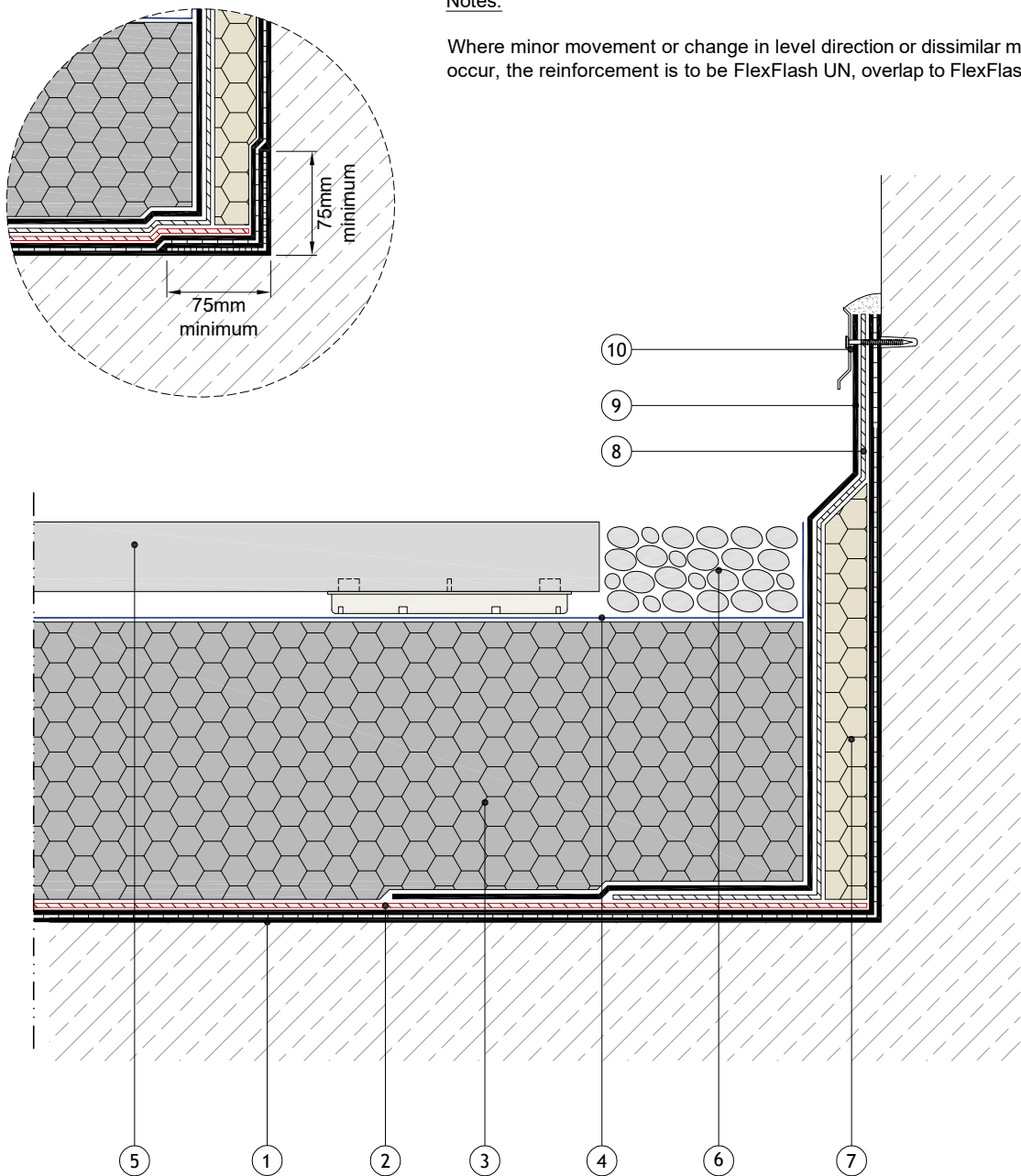
Date:

January 2026

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Notes:

Where minor movement or change in level direction or dissimilar materials occur, the reinforcement is to be FlexFlash UN, overlap to FlexFlash F, 75mm.



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. Hydrogard protection sheet.
3. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
4. Alumasc LO-k Water Flow reducing Layer.
5. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
6. Large rounded pebbles 20-40mm grade, by others.
7. Alumasc thermal insulation.
8. Alumasc Underlay.
9. Alumasc Cap Sheet
10. Alumasc Termination bar sealed with Alumasc Roofing Sealant.

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- Refer to the Alumasc project specification for product identification and method of application.



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ROOFING

+44 (0)1744648400
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Title:
Hydrotech 6125
Warm Roof Upstand Option

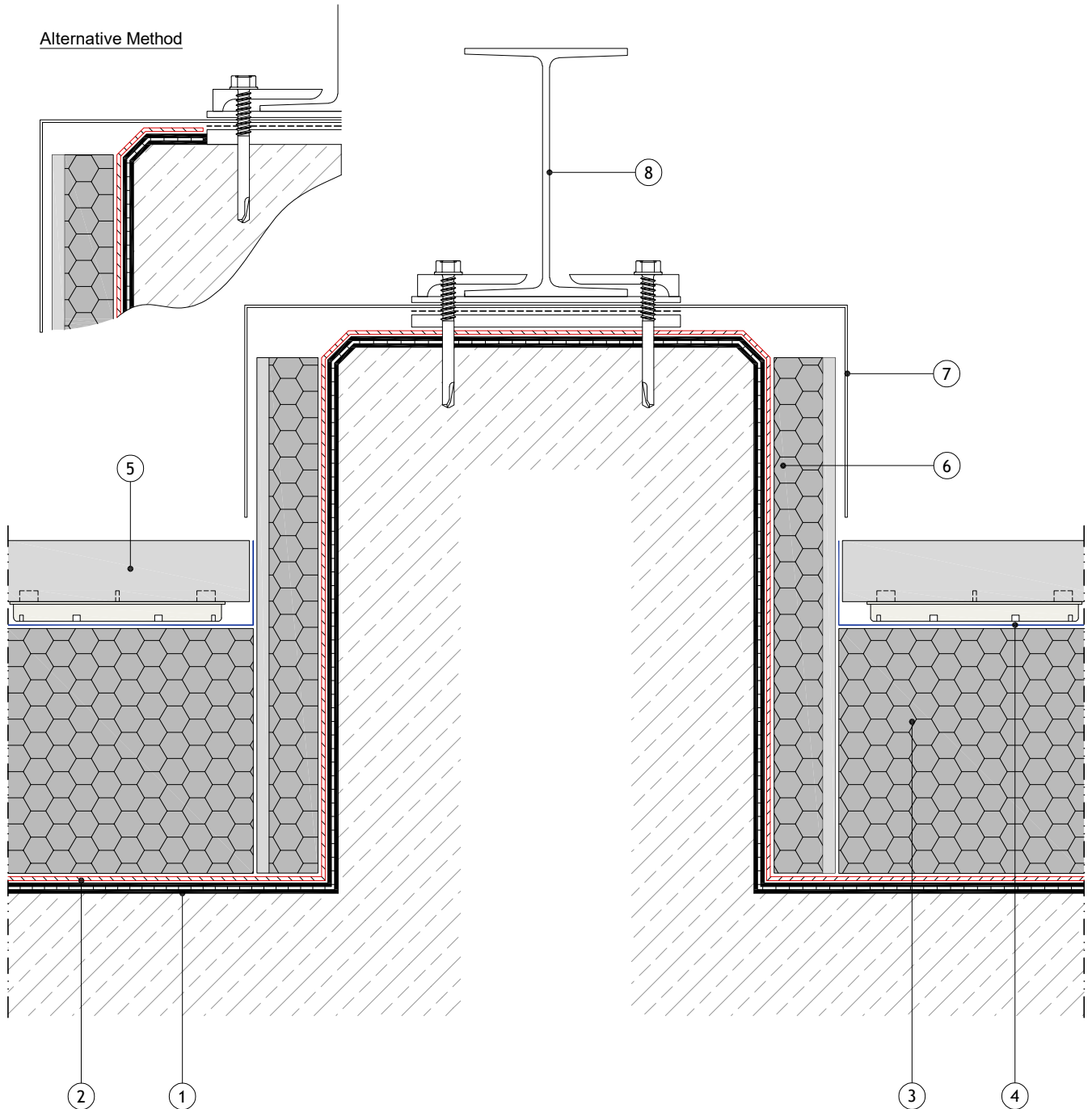
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Revision:
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Date:
January 2026

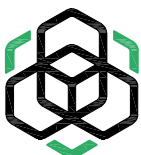
Alternative Method



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. Hydrogard protection sheet.
3. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
4. Alumasc LO-k Water Flow reducing Layer.
5. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
6. Alumasc Upstand Board to detailing, where applicable, to avoid a cold bridge as determined by the appointed design professional.
7. Proprietary metal flashing, by others.
8. Cleaning track rail, by others.

- This drawing was prepared to serve as a guideline representing typical detailing conditions and illustrate the correct application of Alumasc products only. It may be necessary to modify this detail in whole or in part in accordance with specific project conditions, design or requirements.
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Title:
 Hydrotech 6125
 Plinth Supporting Cleaning Track Rail

Drawing No:
 HYD 04 01

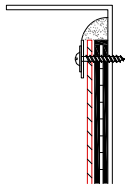
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Revision:
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Date:
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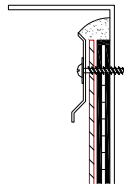
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Option 2

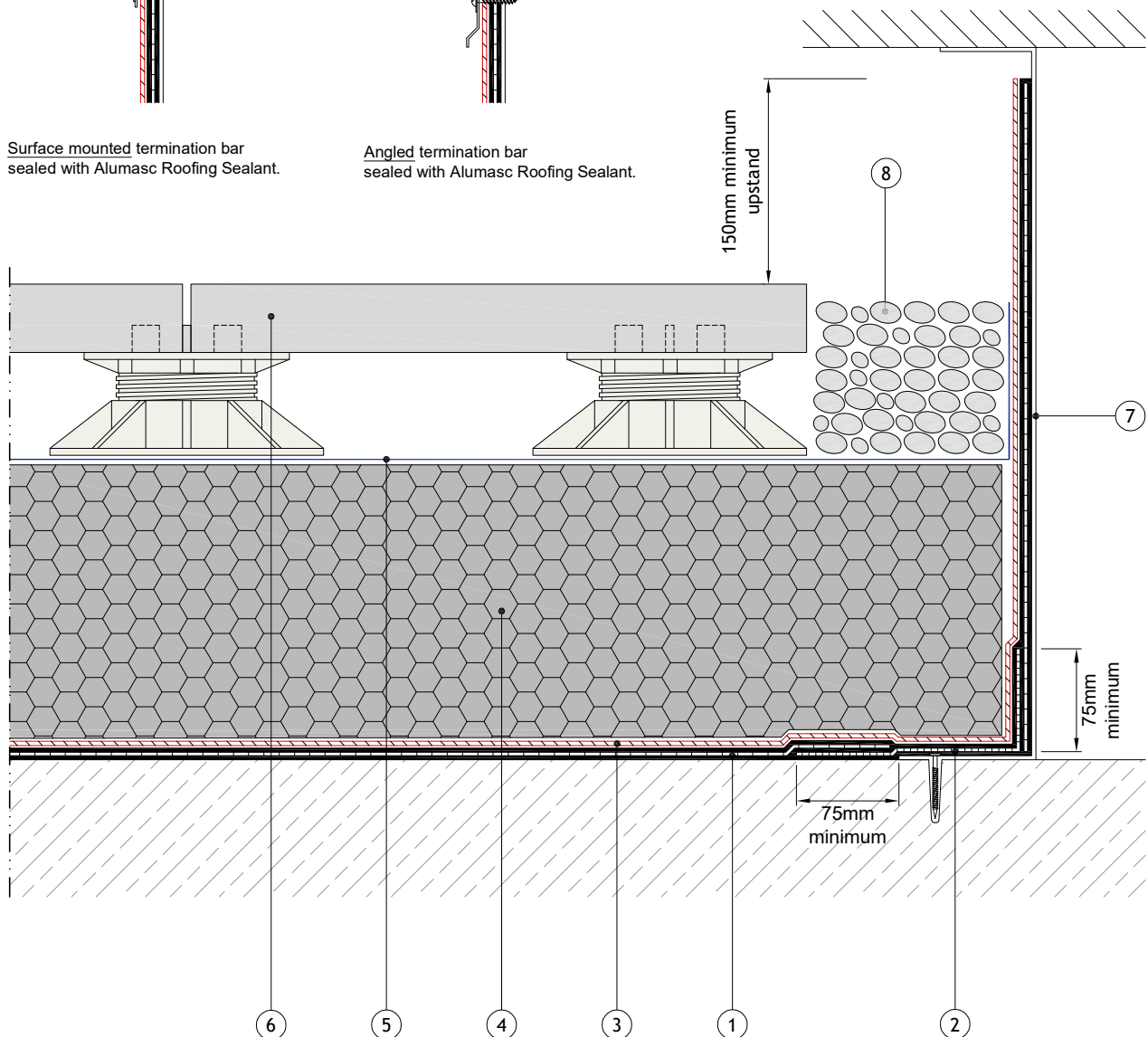


Surface mounted termination bar sealed with Alumasc Roofing Sealant.

Option 1



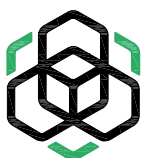
Angled termination bar sealed with Alumasc Roofing Sealant.



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. FlexFlash UN uncured neoprene rubber reinforcement.
3. Hydrogard protection sheet.
4. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
5. Alumasc LO-k Water Flow Reducing Layer.
6. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
7. Metal kerb, by others.
8. Large rounded pebbles 20-40mm grade, by others.

- This drawing was prepared to serve as a guideline representing typical detailing conditions and illustrate the correct application of Alumasc products only. It may be necessary to modify this detail in whole or in part in accordance with specific project conditions, design or requirements.
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+44 (0)1744648400
info@alumascroofing.com
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Title:
 Hydrotech 6125
 Abutment to Metal Kerb

Drawing No:
 HYD 04 02

Revision:
 A

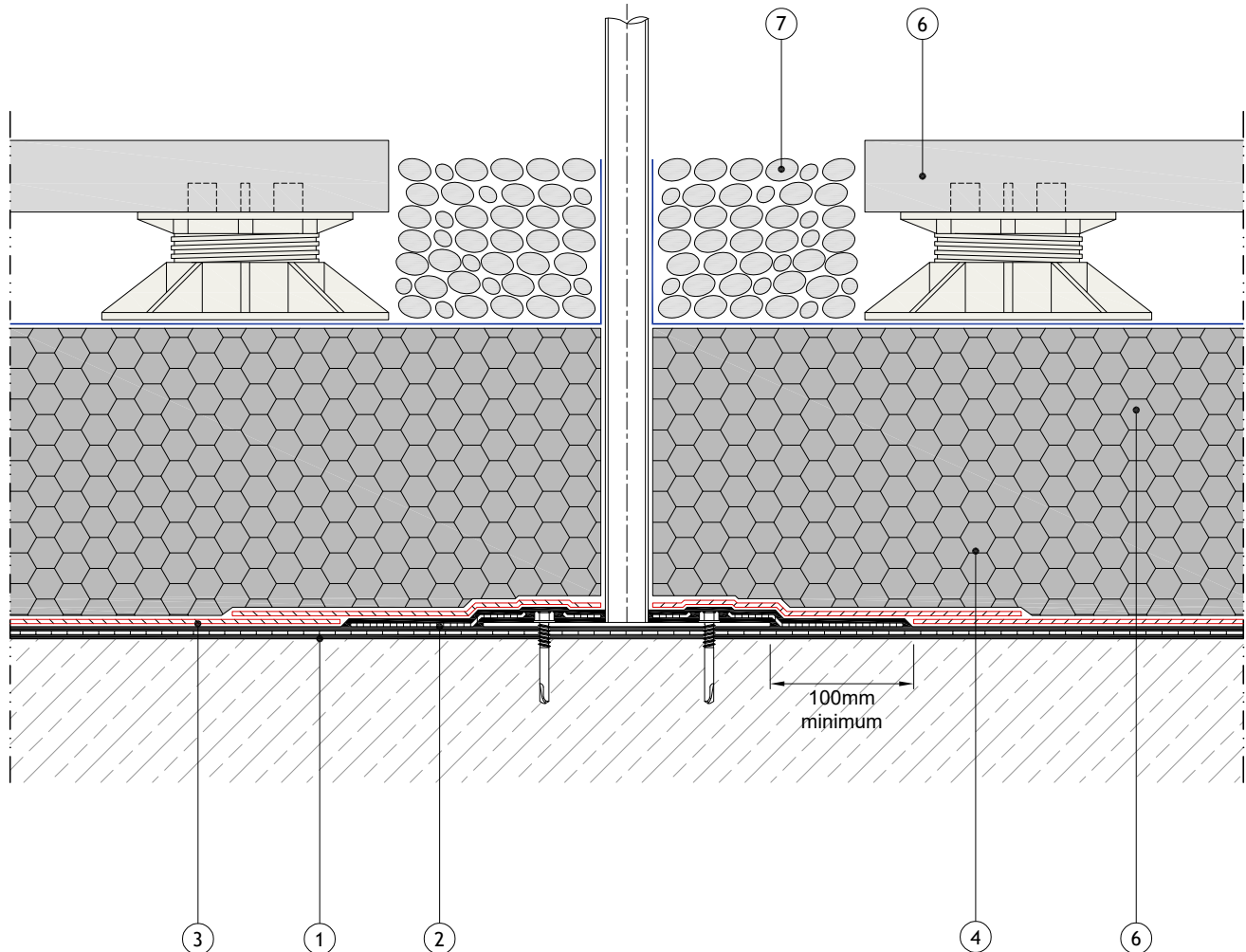
Scale:
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Date:
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Installation Sequence

- Install Hydrotech 6125 waterproofing system complete with Hydrogard protection sheet.
- Remove Hydrogard protection sheet to expose an area of Hydrotech 6125 100mm minimum larger than the balustrade base plate.
- Install base plate, drill and fix bolts through the Hydrotech 6125 and into the structure.
- Apply secondary waterproofing to the base plate with Hydrotech 6125 incorporating FlexFlash UN reinforcement.
- Fully bond Hydrogard protection sheet to the Hydrotech 6125 overlapping onto the existing protection sheet.

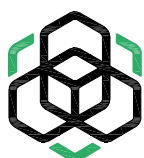


Section Key:

- Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
- FlexFlash UN uncured neoprene rubber reinforcement.
- Hydrogard protection sheet.
- Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
- Alumasc LO-k Water Flow Reducing Layer.
- Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
- Large rounded pebbles 20-40mm grade, by others.

- This drawing was prepared to serve as a guideline representing typical detailing conditions and illustrate the correct application of Alumasc products only. It may be necessary to modify this detail in whole or in part in accordance with specific project conditions, design or requirements.

- Refer to the Alumasc project specification for product identification and method of application.



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+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

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Title:
Hydrotech 6125
Balustrade Post & Base Plate

Drawing No:
HYD 04 03

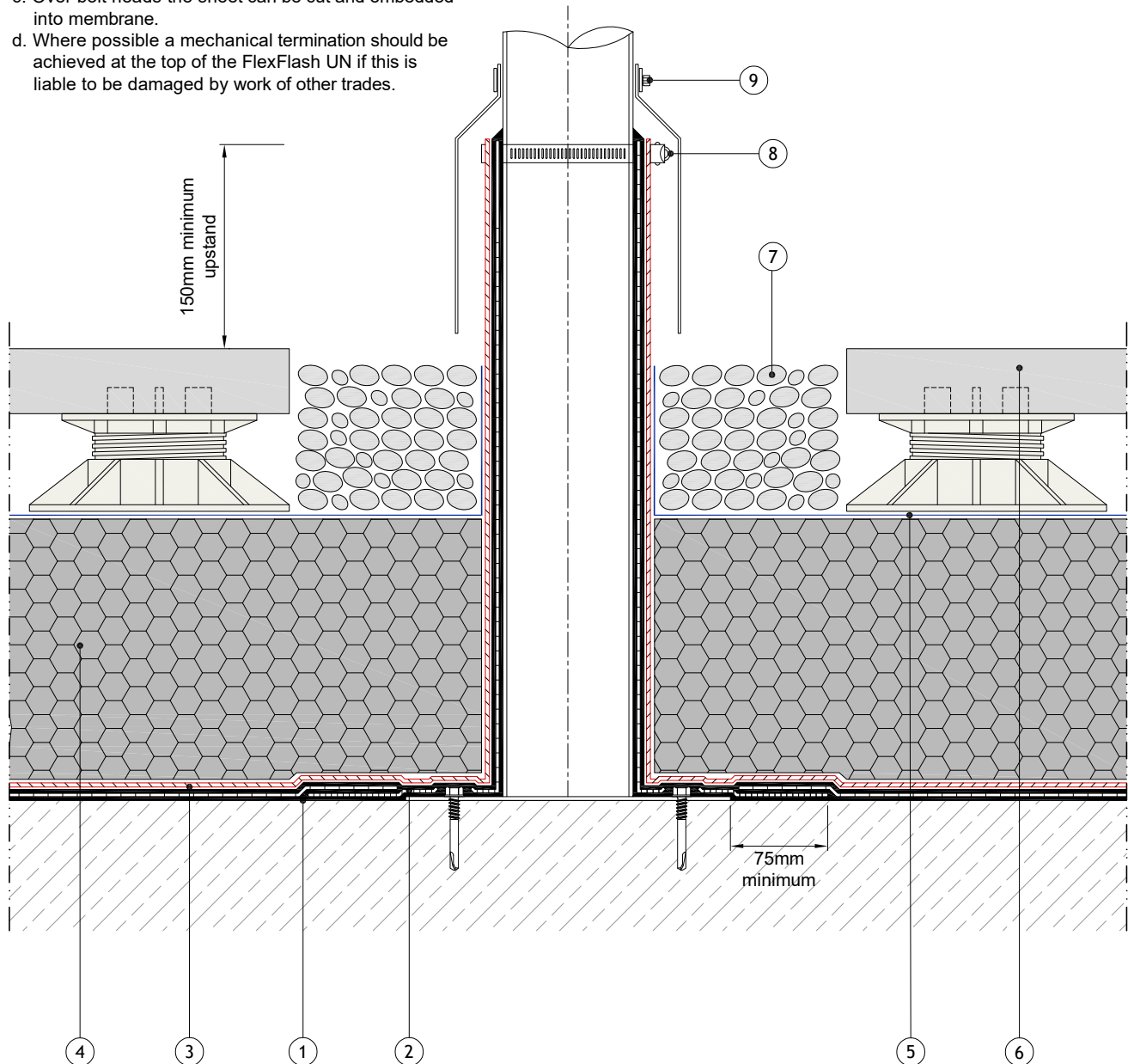
Revision:
A

Scale:
Not to Scale

Date:
January 2026

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- Base plate must be clean and free from rust, and whenever possible, membrane should be applied to substrate beneath base plate prior to its installation.
- Whenever possible a single sheet of FlexFlash UN should be used.
- Over bolt heads the sheet can be cut and embedded into membrane.
- Where possible a mechanical termination should be achieved at the top of the FlexFlash UN if this is liable to be damaged by work of other trades.



Section Key:

- Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
- FlexFlash UN uncured neoprene rubber reinforcement.
- Hydrogard protection sheet.
- Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
- Alumasc LO-k Water Flow Reducing Layer.
- Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
- Large rounded pebbles 20-40mm grade, by others.
- Stainless steel jubilee clip, by others.
- Weather collar secured to pipe, by others.

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- Refer to the Alumasc project specification for product identification and method of application.



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+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

Alumasc Building Products Ltd
White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
Hydrotech 6125
Steel Column & Base Plate

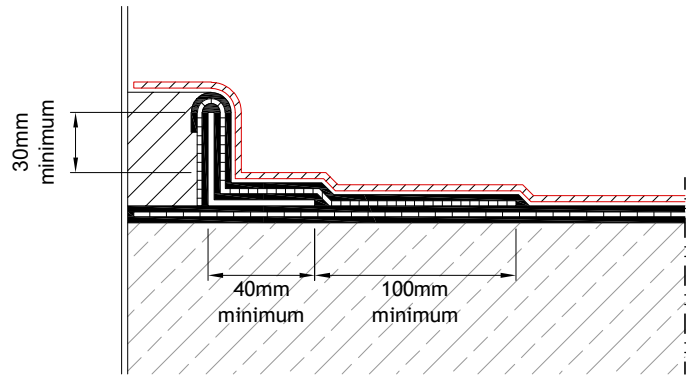
Drawing No:
HYD 04 04

Revision:
A

Scale:
Not to Scale

Date:
January 2026

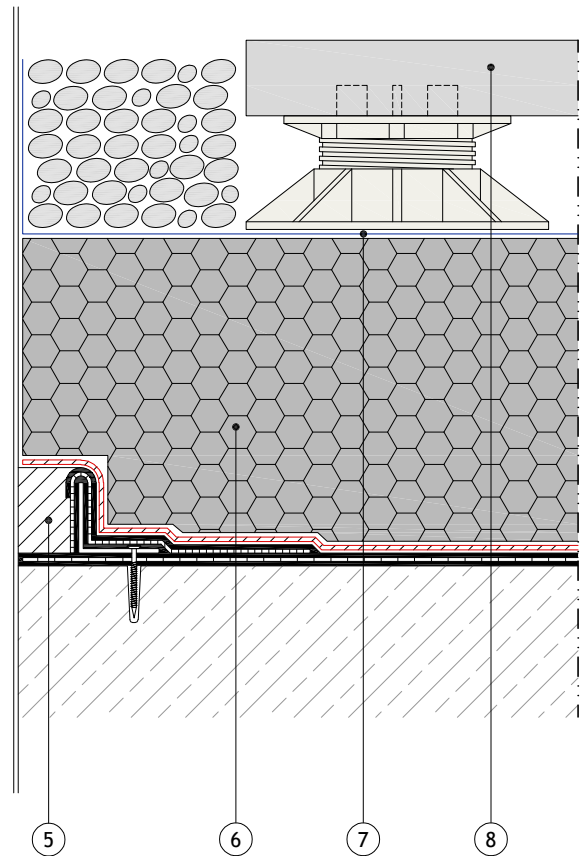
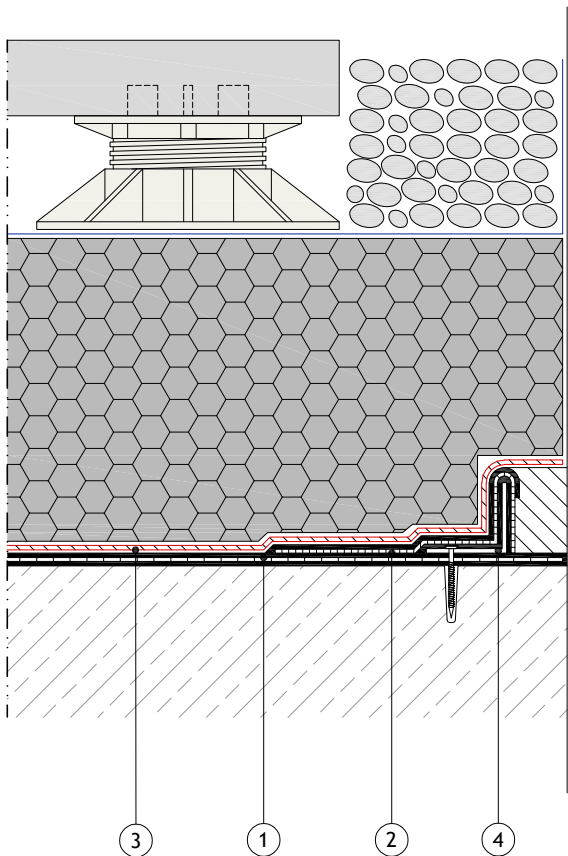
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Notes:

Hydrogard protection sheet is not to be installed until detailing has been completed around galvanised steel pitch pocket.

Detailing magnified

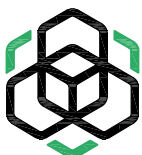


Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. FlexFlash UN uncured neoprene rubber reinforcement.
3. Hydrogard protection sheet.
4. Galvanised steel pitch pocket former mechanically fixed, by others.
5. Hydrotech 6125 to infill pitch pocket in 10mm stages.
6. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
7. Alumasc LO-k Water Flow Reducing Layer.
8. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.

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info@alumascroofing.com
www.alumascroofing.com

Alumasc Building Products Ltd
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Title:
Hydrotech 6125
Pitch Pocket

Drawing No:
HYD 05 01

Revision:
A

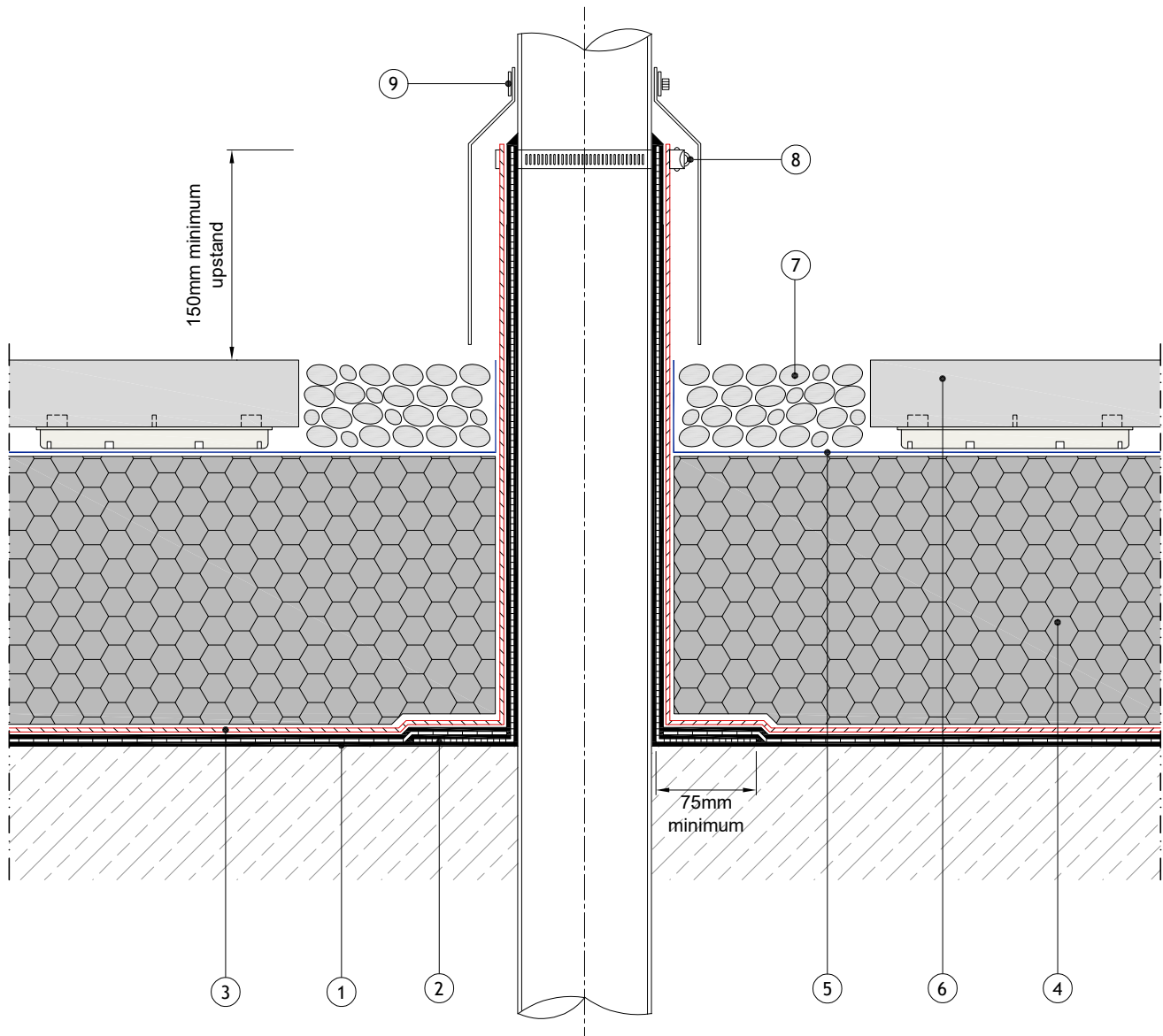
Scale:
Not to Scale

Date:
January 2026

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Notes:

- a. For P.V.C or other plastic pipes contact Technical Services for further advice.
- b. Can also be used in horizontal plane as an overflow facility.



Section Key:

1. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
2. FlexFlash UN uncured neoprene rubber reinforcement.
3. Hydrogard protection sheet.
4. Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
5. Alumasc LO-k Water Flow Reducing Layer.
6. Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
7. Large rounded pebbles 20-40mm grade, by others.
8. Stainless steel jubilee clip, by others.
9. Weather collar secured to pipe, by others.

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+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

Alumasc Building Products Ltd
 White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
 Hydrotech 6125
 Skirting to Cold Pipe Penetration

Drawing No:
 HYD 05 02

Scale:
 Not to Scale

Revision:
 A

Date:
 January 2026

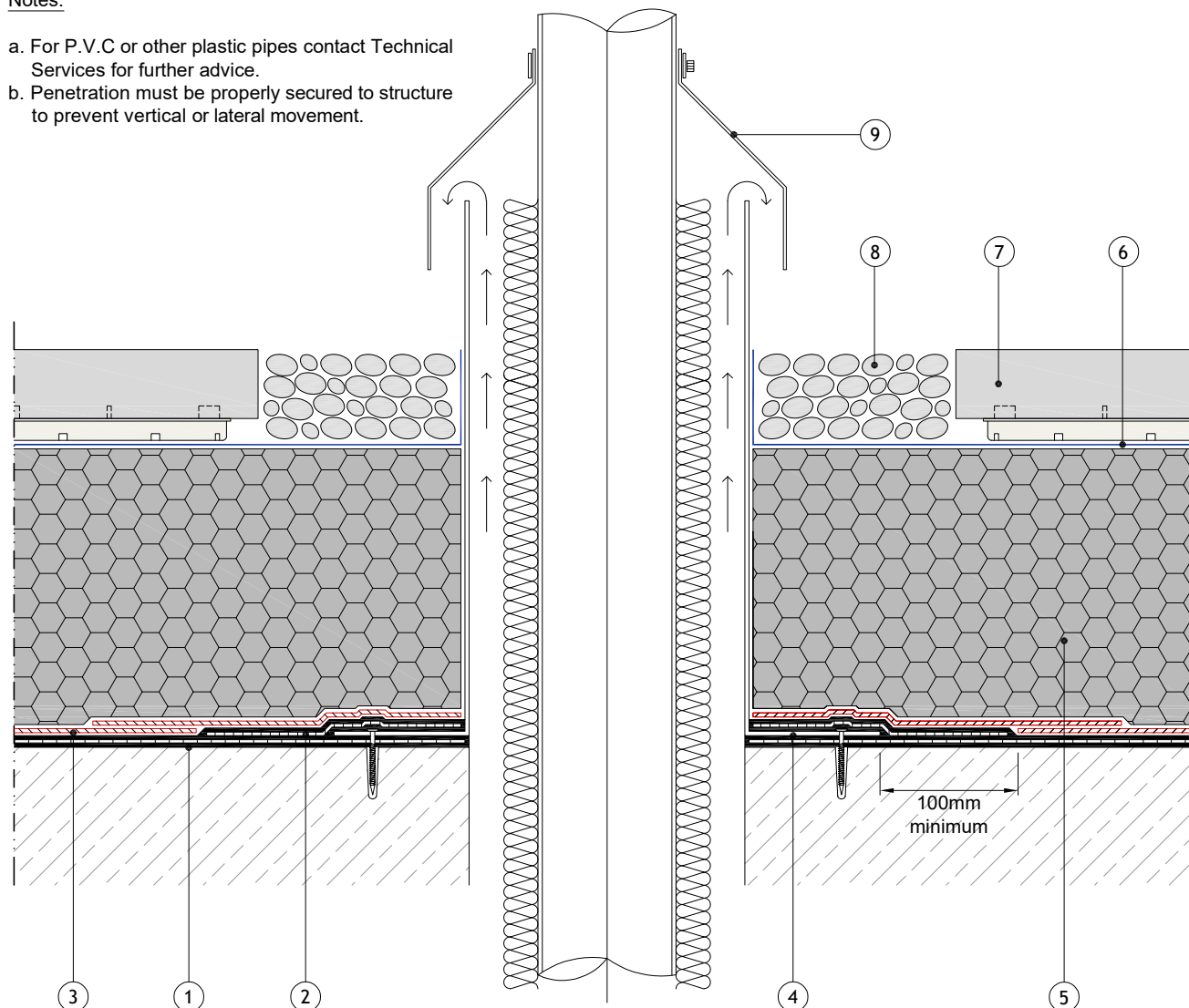
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Installation Sequence

- Install Hydrotech 6125 waterproofing system complete with Hydrogard protection sheet.
- Remove Hydrogard protection sheet to expose an area of Hydrotech 6125 100mm minimum larger than the pipe sleeve.
- Install pipe sleeve, drill and fix through the Hydrotech 6125 and into the structure.
- Apply secondary waterproofing to the base plate with Hydrotech 6125 incorporating FlexFlash UN reinforcement.
- Fully bond Hydrogard protection sheet to the Hydrotech 6125 overlapping onto the existing protection sheet.

Notes:

- For P.V.C or other plastic pipes contact Technical Services for further advice.
- Penetration must be properly secured to structure to prevent vertical or lateral movement.

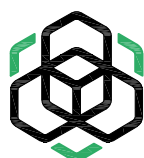


Section Key:

- Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
- FlexFlash UN uncured neoprene rubber reinforcement.
- Hydrogard protection sheet.
- Pipe sleeve, mechanically fixed into the structure, by others.
- Alumasc thermal insulation, thickness determined to meet the U-value and dew point of the structure.
- Alumasc LO-k Water Flow Reducing Layer.
- Precast concrete paving slabs, by others, seated on Roof-Pro Paving Supports.
- Large rounded pebbles 20-40mm grade, by others.
- Weather collar secured to pipe with clearance to allow venting for hot air, by others.

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+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

Alumasc Building Products Ltd
White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
Hydrotech 6125
Skirting to Hot Pipe Penetration

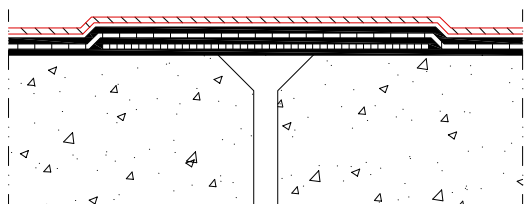
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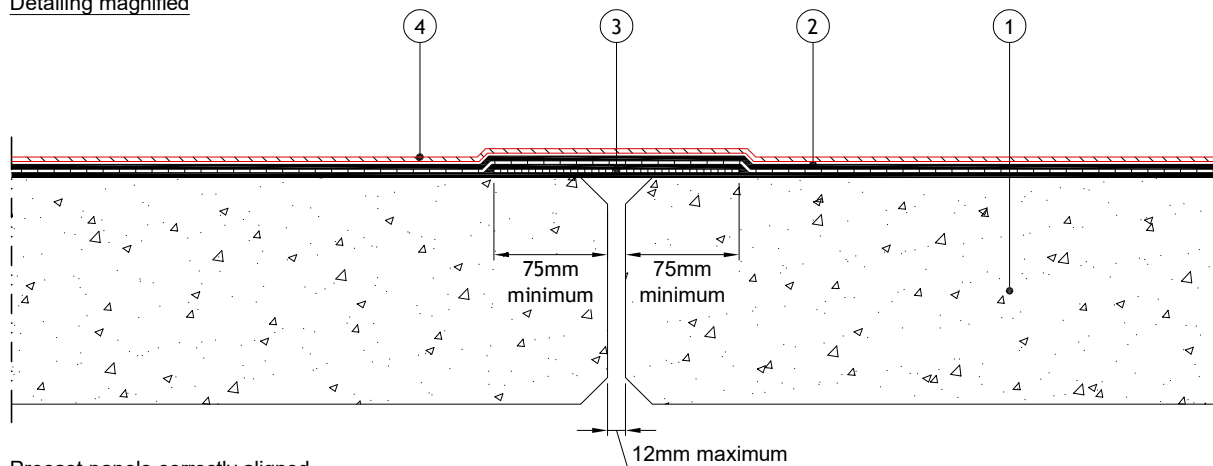
Revision:
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Date:
January 2026

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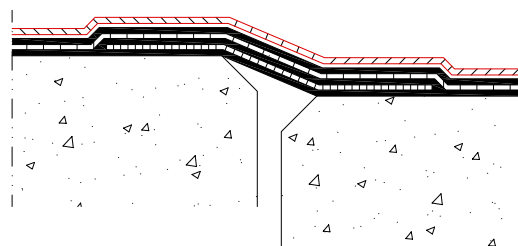
Detailing magnified



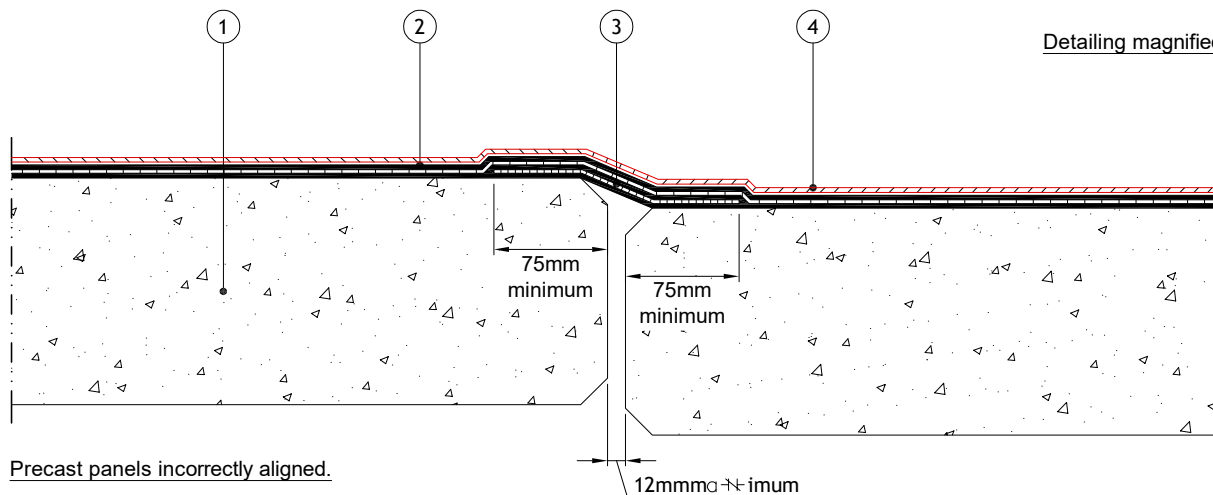
Precast panels correctly aligned.

Section Key:

1. Concrete surface to be finished with wood float finish, primed as per specification.
2. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
3. Flexflash UN uncured neoprene rubber reinforcement.
4. Hydrogard protection sheet.

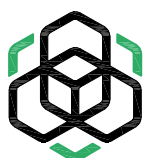


Detailing magnified



Precast panels incorrectly aligned.

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+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

Alumasc Building Products Ltd
White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
Hydrotech 6125
Precast Panel Side Joint

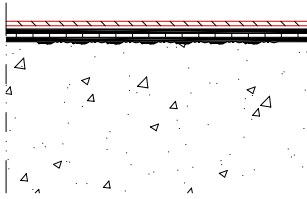
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Scale:
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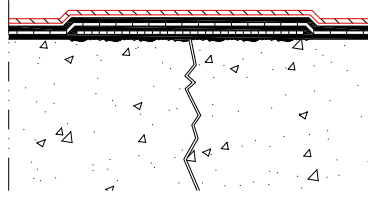
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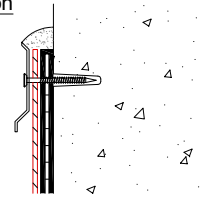


Rough concrete & cracks
up to 1.5mm



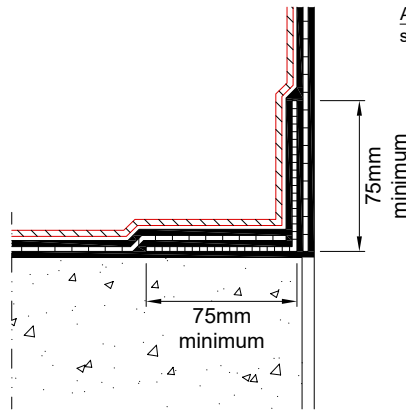
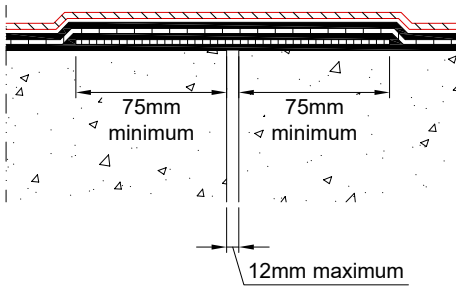
Structural cracks & shrinkage cracks
over 1.5mm wide & less than 6mm

Termination

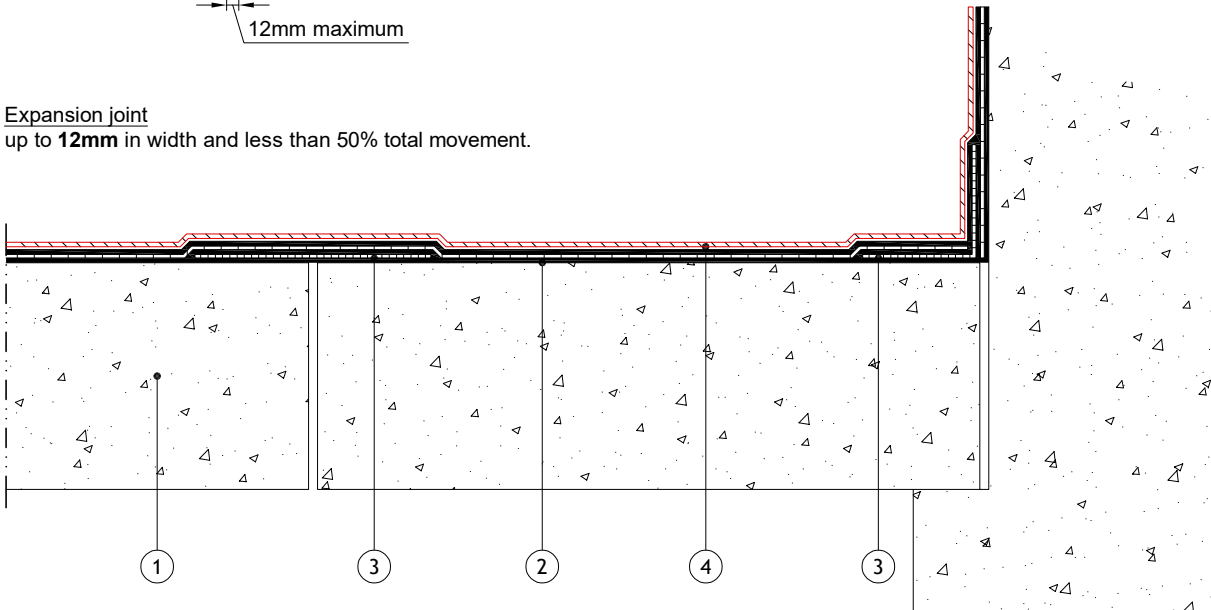


Angled termination bar
sealed with Alumasc Roofing Sealant.

Detailing magnified



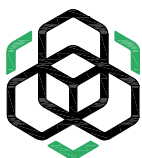
Expansion joint
up to 12mm in width and less than 50% total movement.



Section Key:

1. Concrete surface to be finished with wood float finish, primed as per specification.
2. Hydrotech 6125 waterproofing system incorporating FlexFlash F polyester reinforcement.
3. Flexflash UN uncured neoprene rubber reinforcement.
4. Hydrogard protection sheet.

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info@alumascroofing.com
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White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
Hydrotech 6125
Expansion Joint - Max. 12mm Width

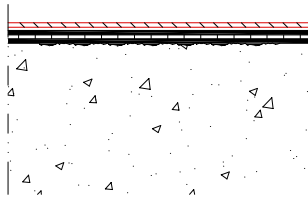
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Scale:
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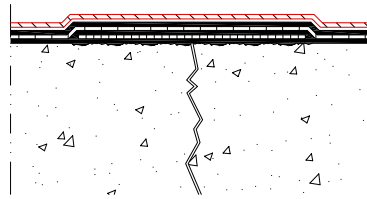
Revision:

Date:

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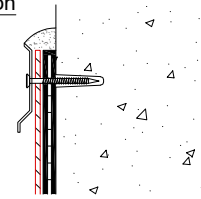


Rough concrete & cracks
up to 1.5mm



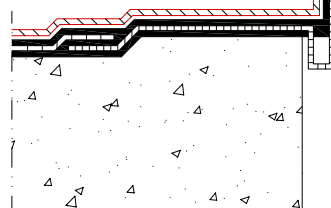
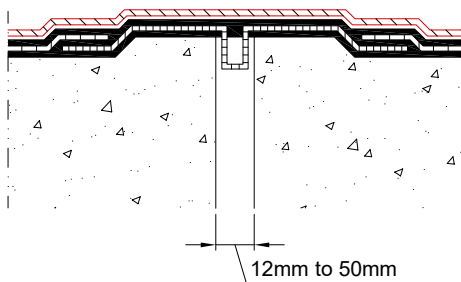
Structural cracks & shrinkage cracks
over 1.5mm wide & less than 6mm

Termination



Angled termination bar
sealed with Alumasc Roofing Sealant.

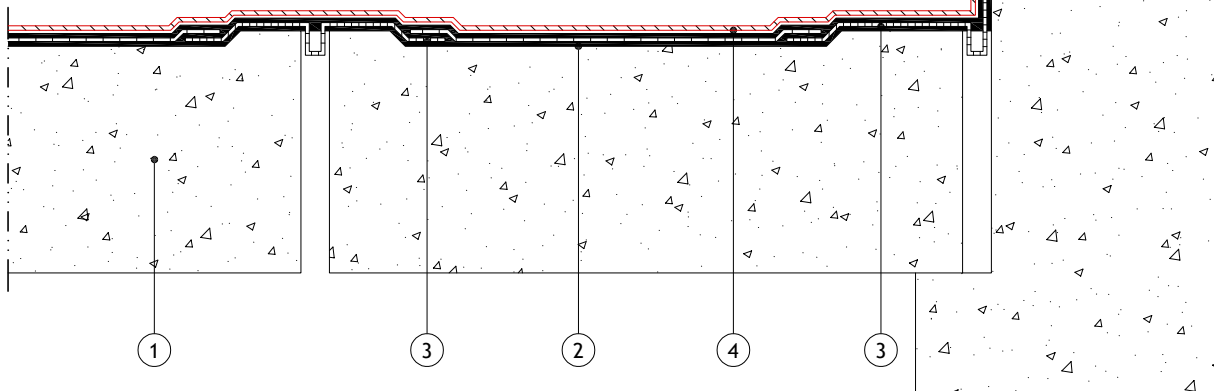
Detailing magnified



12mm to 50mm

Expansion joint

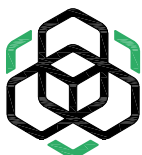
From 12mm to 50mm in width and less than 50% total movement.



Section Key:

1. Concrete surface to be finished with wood float finish, primed as per specification.
2. Hydrotech 6125 waterproofing system incorporating FlexFlash UN polyester reinforcement.
3. FlexFlash UN uncured neoprene rubber reinforcement.
4. Hydrogard protection sheet.

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+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

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White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
Hydrotech 6125
Expansion Joint - 12mm to 50mm Width

Drawing No:
HYD 06 03

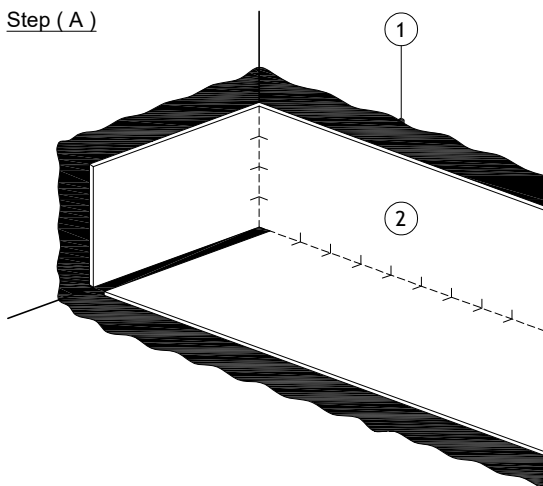
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Revision:

Date:

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Step (A)



Reinforcement at Internal Corner.

Step (C)

Completely encapsulate exposed reinforcement by applying a top coat of Hydrotech monolithic membrane 6125, and finally cover with Hydrogard protection sheet.

Notes:

Step A: Flexflash 'F' (cut and folded to form double layer at stop end).

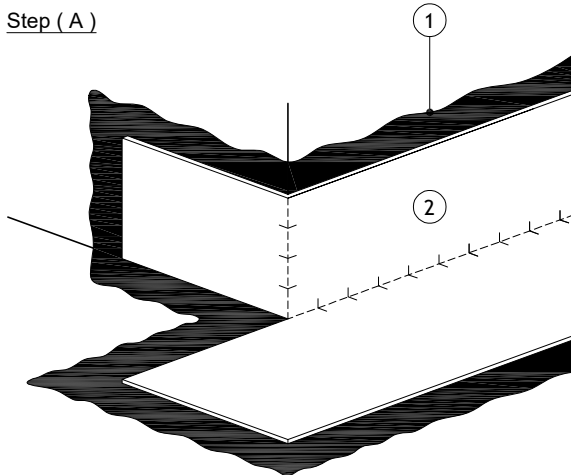
Step B: Overlapping Flexflash 'F' (cut and folded to form double layer at stop end).

Section Key:

1. Hydrotech Monolithic Membrane 6125.

2. Flexflash 'F' polyester reinforcement.

Step (A)



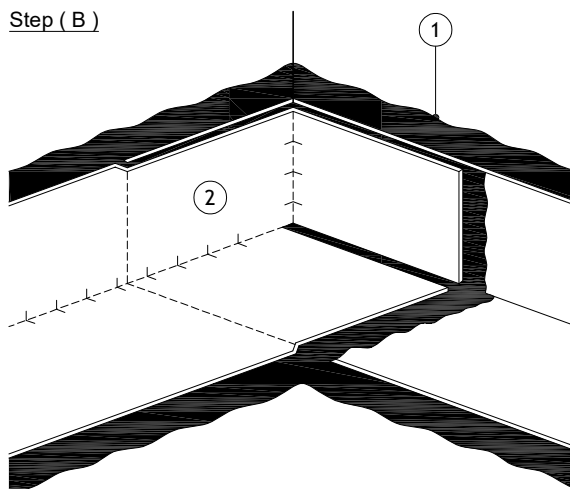
Reinforcement at External Corner.

Step (C)

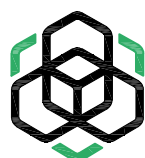
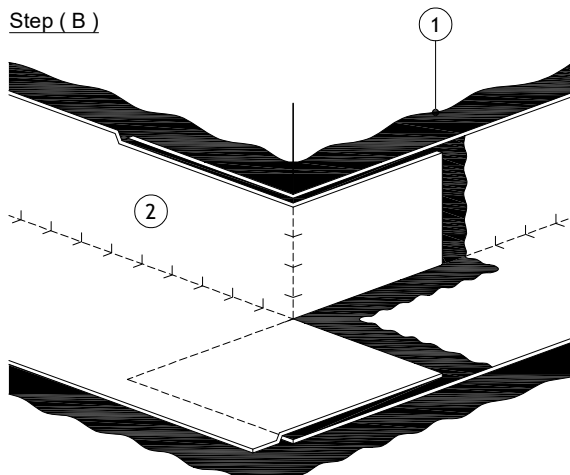
Completely encapsulate exposed reinforcement by applying a top coat of Hydrotech monolithic membrane 6125, and finally cover with Hydrogard protection sheet.

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Step (B)



Step (B)



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www.alumascroofing.com

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Title:

Hydrotech 6125
Flex Flash F to Internal & External Corners

Drawing No:

HYD 07 01

Scale:

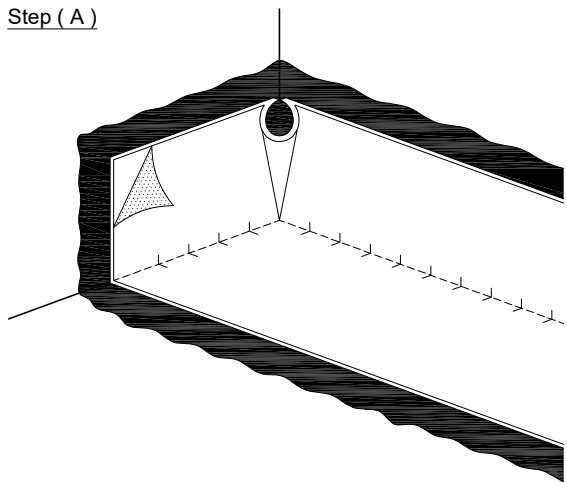
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Revision:

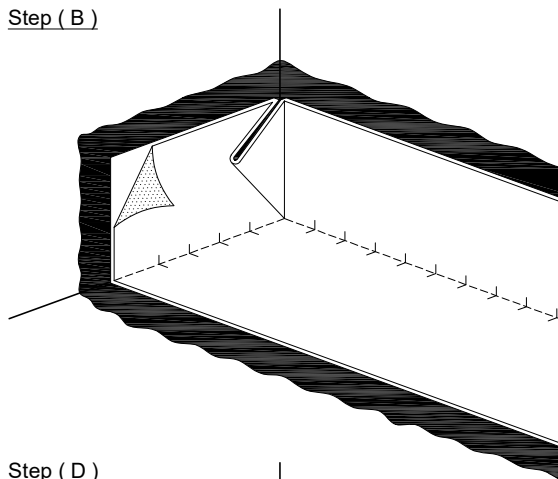
Date:

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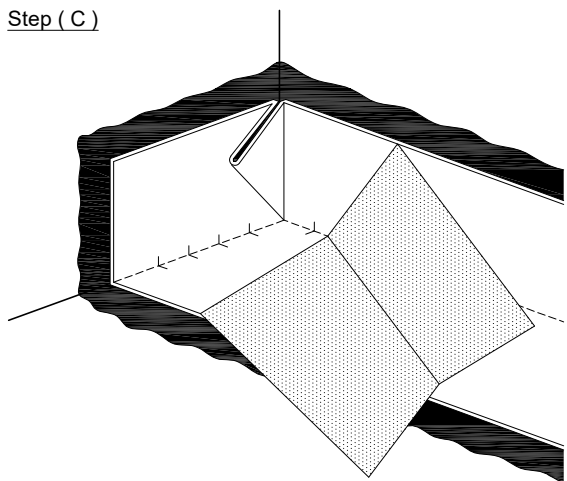
Step (A)



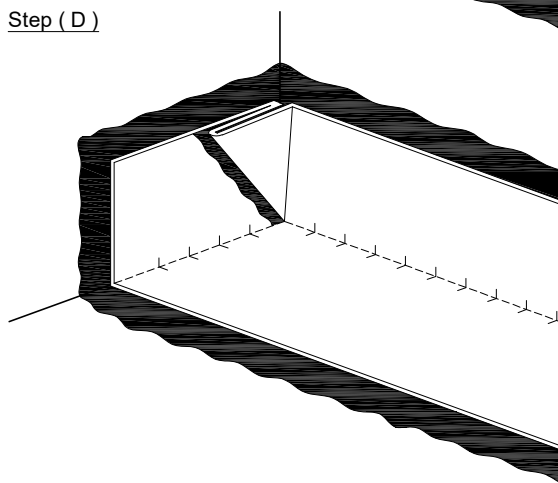
Step (B)



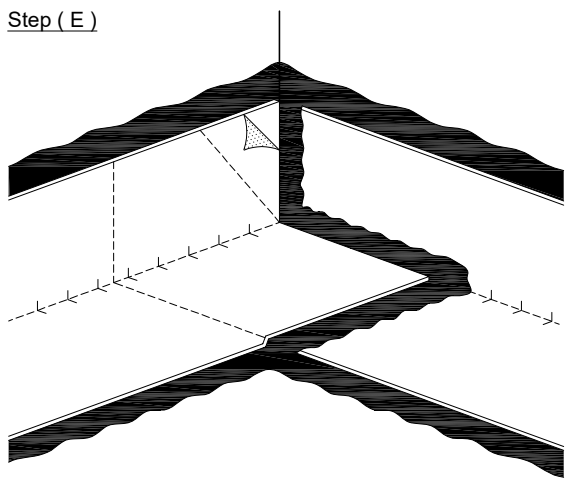
Step (C)



Step (D)



Step (E)



Step (A)

Whilst the membrane is still warm, the Flex Flash 'UN' is manoeuvred into the corner with the excess material pinched into the vertical corner.

Step (B)

A small amount of membrane is applied inside the excess loop, the sides of which will then stick together when pressure is applied.

Step (C)

Wait for membrane to cool and remove outer film.

Step (D)

The excess material flap is then adhered to one side with a small amount of membrane.

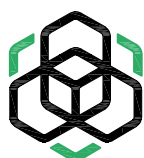
Step (E)

The next piece of membrane is dressed into the corner, but not around it. Wait for membrane to cool and remove outer film.

Notes:

1. Always pull back 25mm or so from a corner of the peel off separator film prior to installation, for ease of removal after cooling.
2. As the final step in the formation of the external and internal upstands, completely encapsulate exposed reinforcement by applying a top coat of Hydrotech Monolithic Membrane 6125, and finally cover with Hydrogard protection sheet.

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+44 (0)1744648400
info@alumascroofing.com
www.alumascroofing.com

Alumasc Building Products Ltd
White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:

Hydrotech 6125
Flex Flash UN to Internal Corner

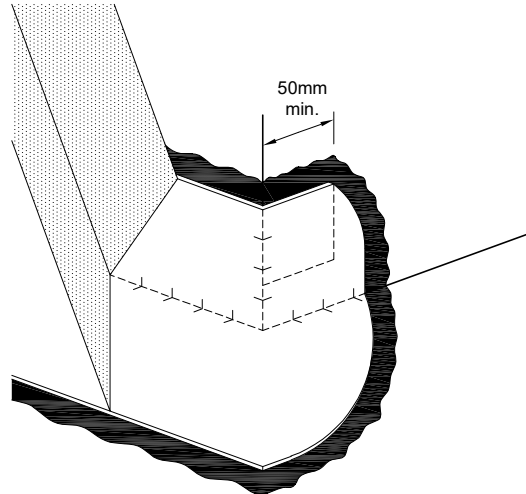
Drawing No:
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Scale:
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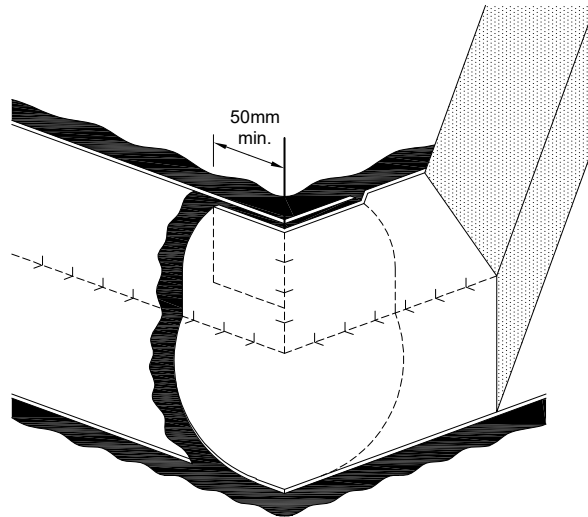
Revision:

Date:

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Step (A)



Step (B)

Step (A)

Remove outer film at end only. Whilst the membrane is still warm the Flexflash UN is stretched around the corner and moulded tightly into the angles, leaving no airspaces. The Flex Flash UN will permanently cure into this shape upon cooling.

Step (B)

Remove outer film from preceeding piece and from end of new piece. The overlapping Flexflash UN is applied as per step A, with a minimum overlap of 50mm. Remove outer film when cool.

Notes:

1. Always pull back 25mm or so from a corner of the peel off separator film prior to installation, for ease of removal after cooling.
2. As the final step in the formation of the external and internal upstands, completely encapsulate exposed reinforcement by applying a top coat of Hydrotech Monolithic Membrane 6125, and finally cover with Hydrogard protection sheet.

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www.alumascroofing.com

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 White House Works, Bold Road, Sutton St Helens, Merseyside WA9 4JG

Title:
 Hydrotech 6125
 Flex Flash UN to External Corner

Drawing No:
 HYD 07 03

Scale:
 Not to Scale

Revision:

Date:

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