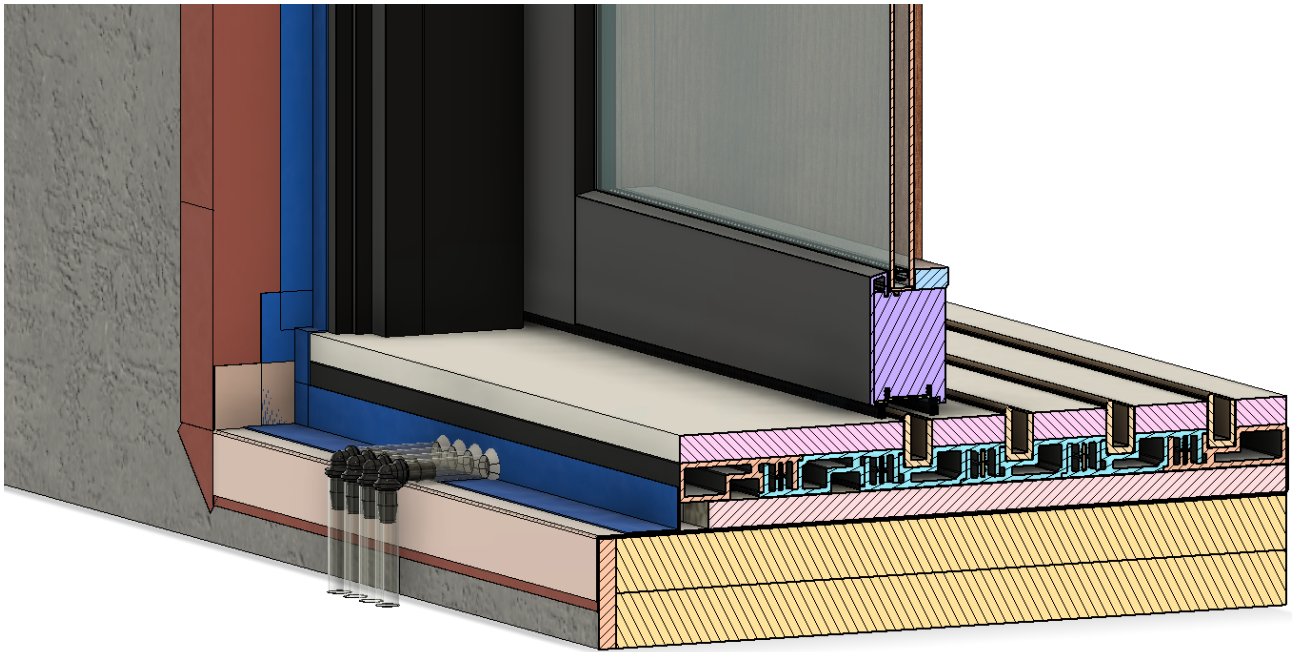


INSTALLATION INSTRUCTIONS

MULTISLIDE DOOR

Sill Options & Drainage Systems



Number

Instruction I-571

Created

February 5, 2026

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Table of contents

Available Sill Option Types	4
Regular sill	4
Embedded sill	4
Installation Guidelines.....	5
Location of the drainage system.....	5
Standard door	5
Pocket door	6
Insulation and sealing instructions for each sill and drainage system	7
Option 1 : Regular sill with exterior drainage and a pan	7
Option 2 : Regular sill with tubing toward the interior	10
Option 3 : Regular sill with tubing toward the exterior	14
Option 4 : Regular sill with no drainage	16
Option 5 : Embedded sill with exterior drainage and a pan	16
Option 6 : Embedded sill with tubing toward the interior	18
Option 7 : Embedded sill with tubing toward the exterior	22
Option 8 : Embedded sill with no drainage	23

Available Sill Option Types

Regular sill

Offered on wood or clad-wood versions of the Multislide, this sill features a fiberglass base with an anodized rail. Sill height: 27.3 mm (1 1/16"). Includes drainage system: 46.4 mm (1 13/16").



Embedded sill

Offered on wood or clad-wood versions of the Multislide, this sill features a fiberglass base with a raised anodized rail and finished flooring between rails (flooring not provided by Lepage Millwork). Sill height: 46.4 mm (1 13/16"). Includes drainage system: 65.4 mm (2 9/16").



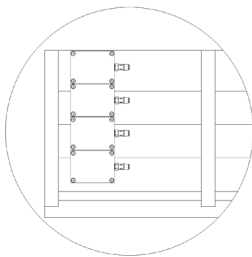
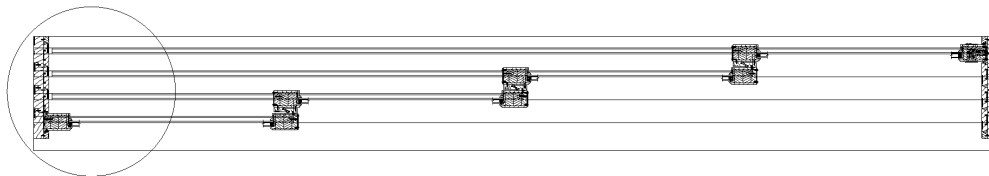
Installation Guidelines

Location of the drainage system

Standard door

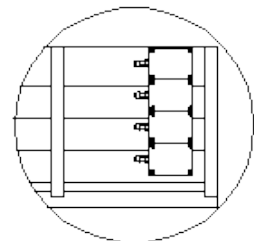
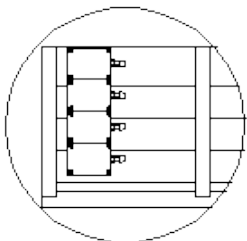
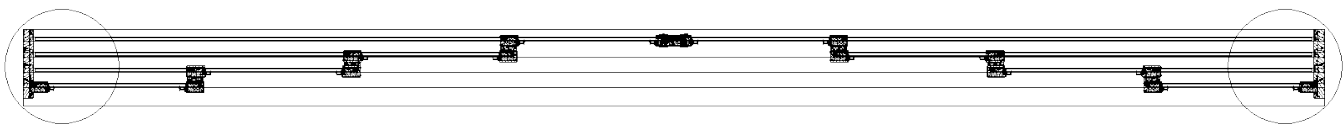
Stacked OXXX or XXXO

The drainage system is located under the sill, at the fixed panel jamb.



Bi-parting OXX — ...XXO

The drainage system is located under both fixed panel jambs.

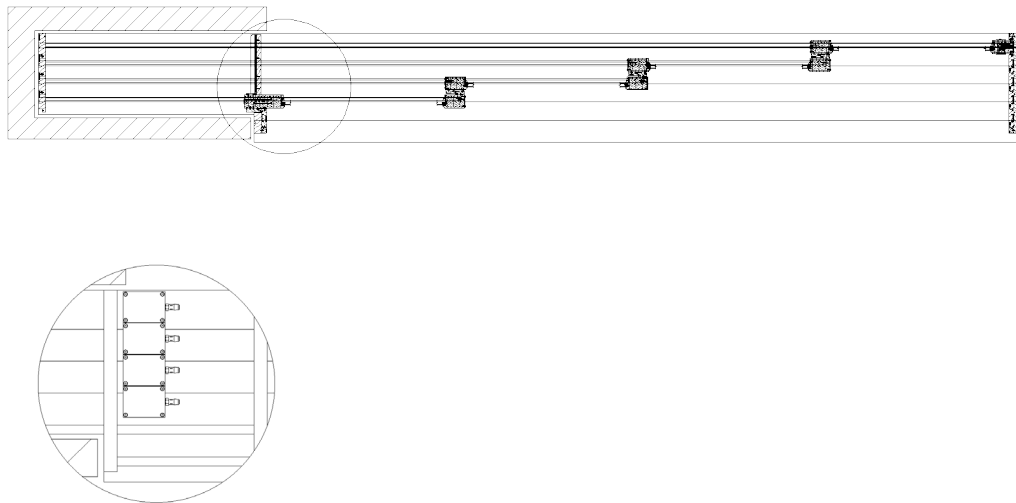


Location of the drainage system

Pocket door

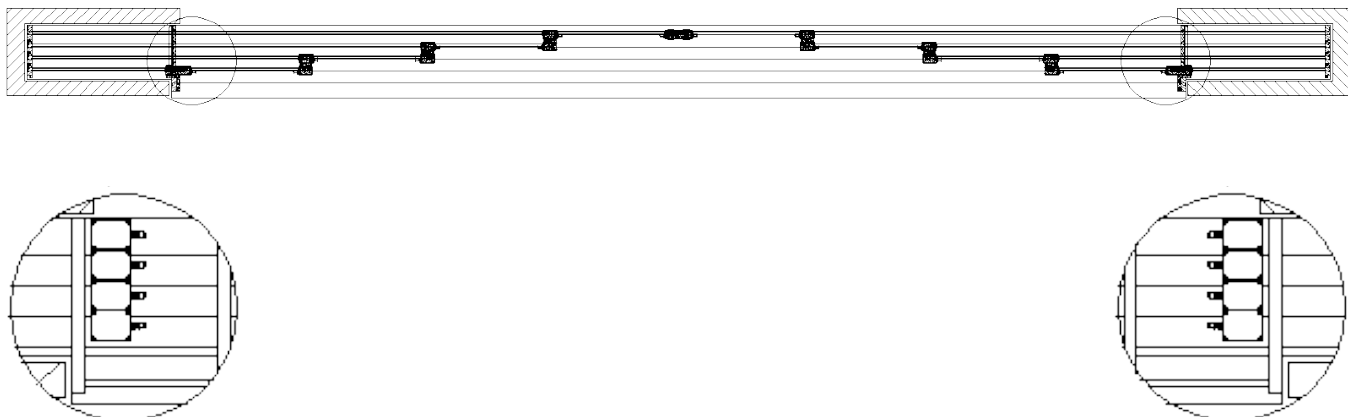
Stacked OXXX... or...XXXO

The drainage system is located under the sill, at the pocket panel jamb.



Bi-parting OXX...— ...XXO

The drainage system is located under both pocket panel jambs.

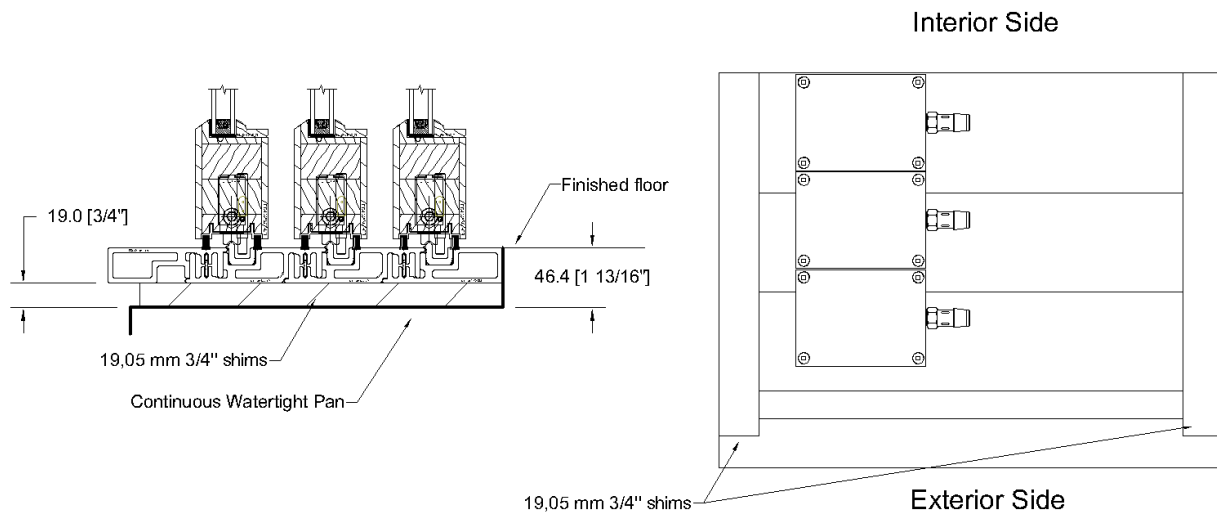


Insulation and sealing instructions for each sill and drainage system

Option 1 : Regular sill with exterior drainage and a pan

Description

Integrated system with shims, a drainage block, an anti-return valve, and a pan (not provided by Lepage Millwork). A 19.05 mm (3/4") shim is required in the rough opening.

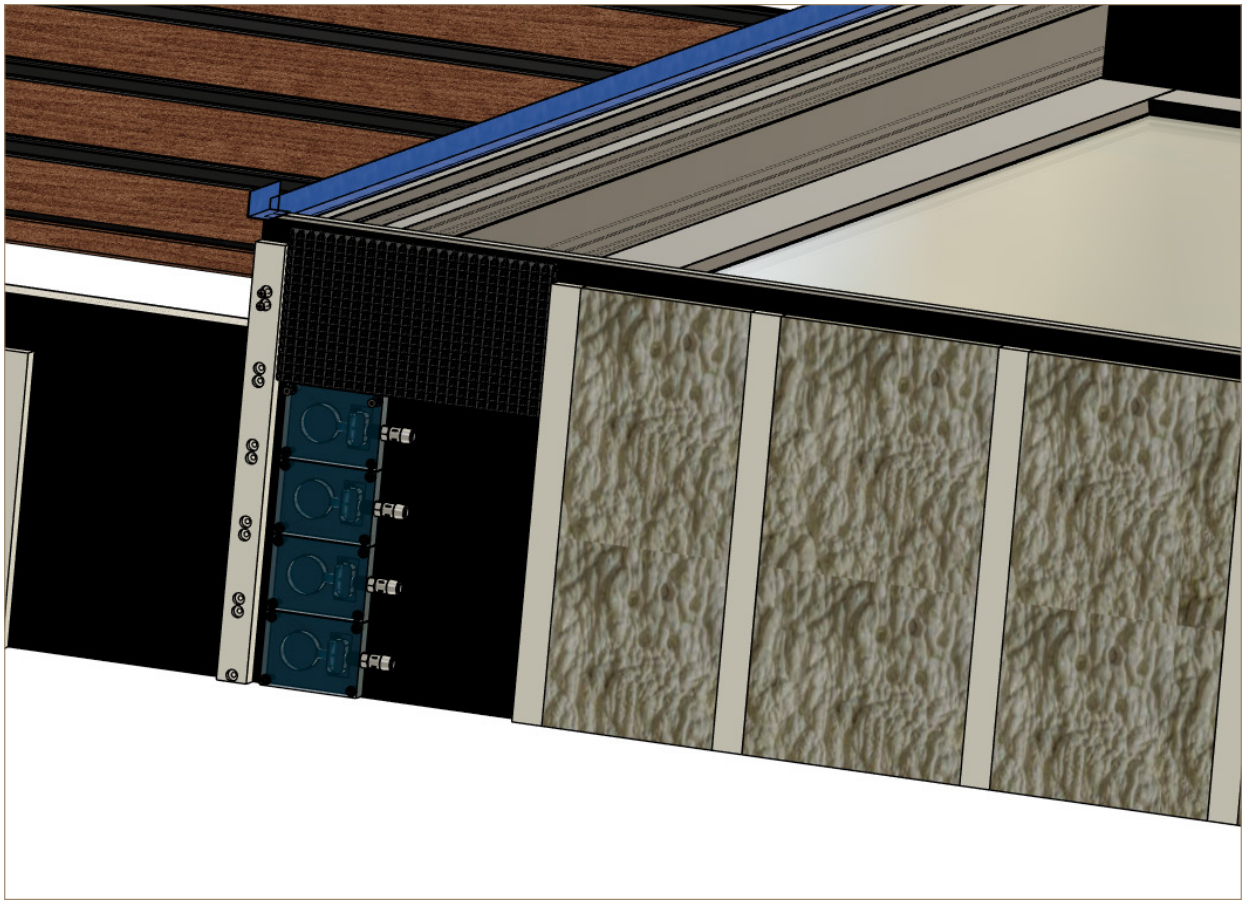


Instructions

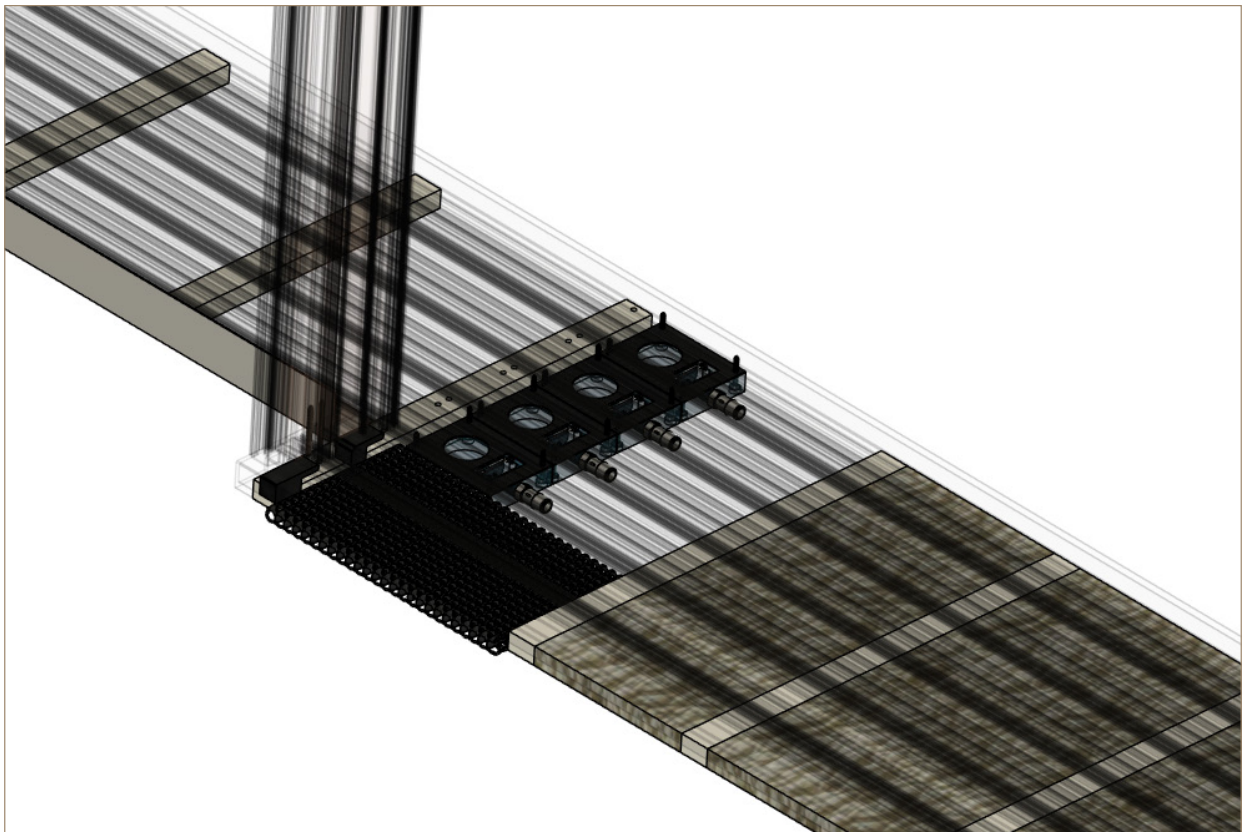
- › Insulate the sill along the entire exterior side. You can insulate all the way through each section between the shims.

IMPORTANT : To let the water flow on the pan, do not insulate in front of the drainage block.

- › Install reticulated foam in front of the drainage section to prevent bugs and mice from going under the sill.



Insulation detail view

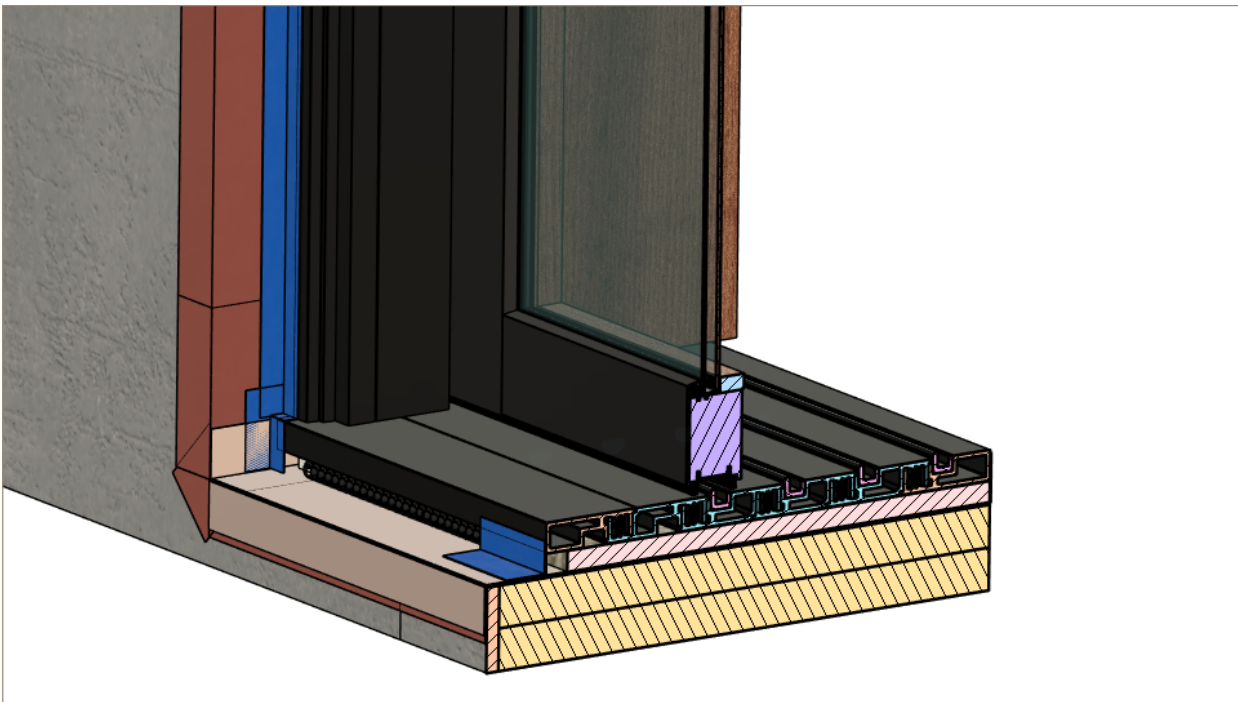


- › Seal the remaining area between the sill and the rough opening with a membrane to prevent air infiltration beneath the sill.

(Please follow applicable construction standards for these specific sealing details.)



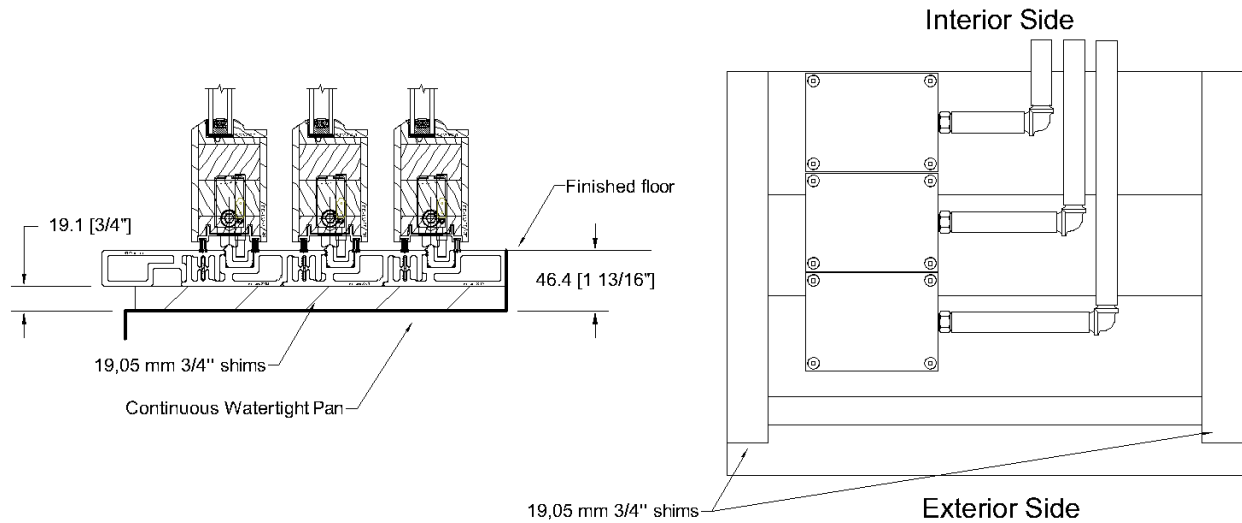
Exterior waterproofing detail



Option 2 : Regular sill with tubing toward the interior

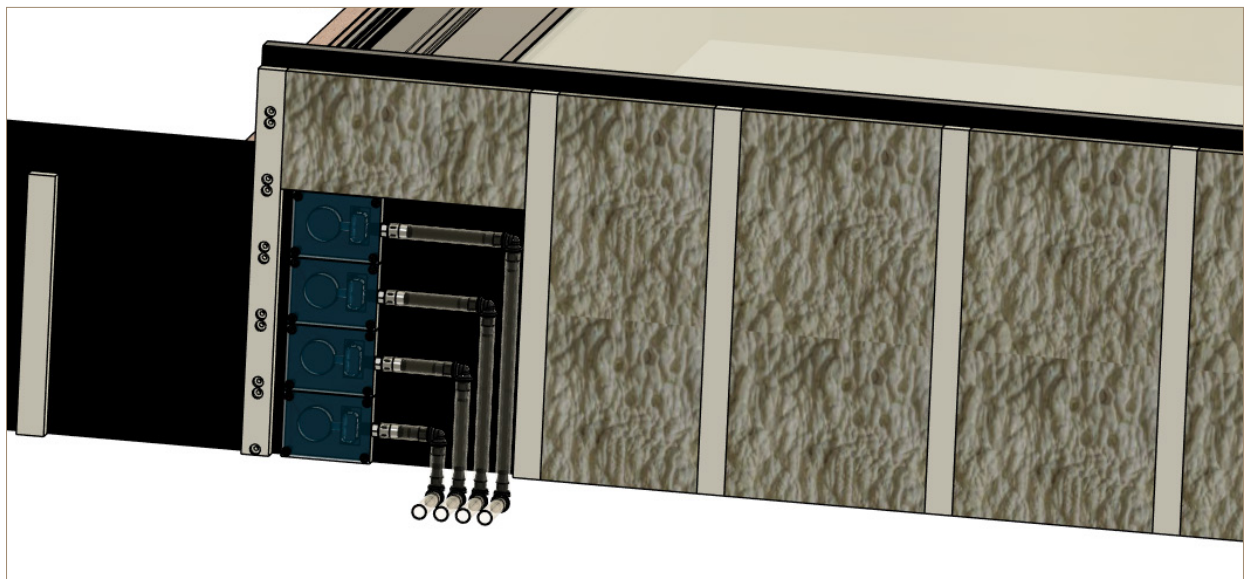
Description

Integrated system with shims, a drainage block, an anti-return valve, and tubing toward the interior. Recommended for northern climates with high water infiltration resistance. A 19.05 mm (3/4") shim is required in the rough opening.

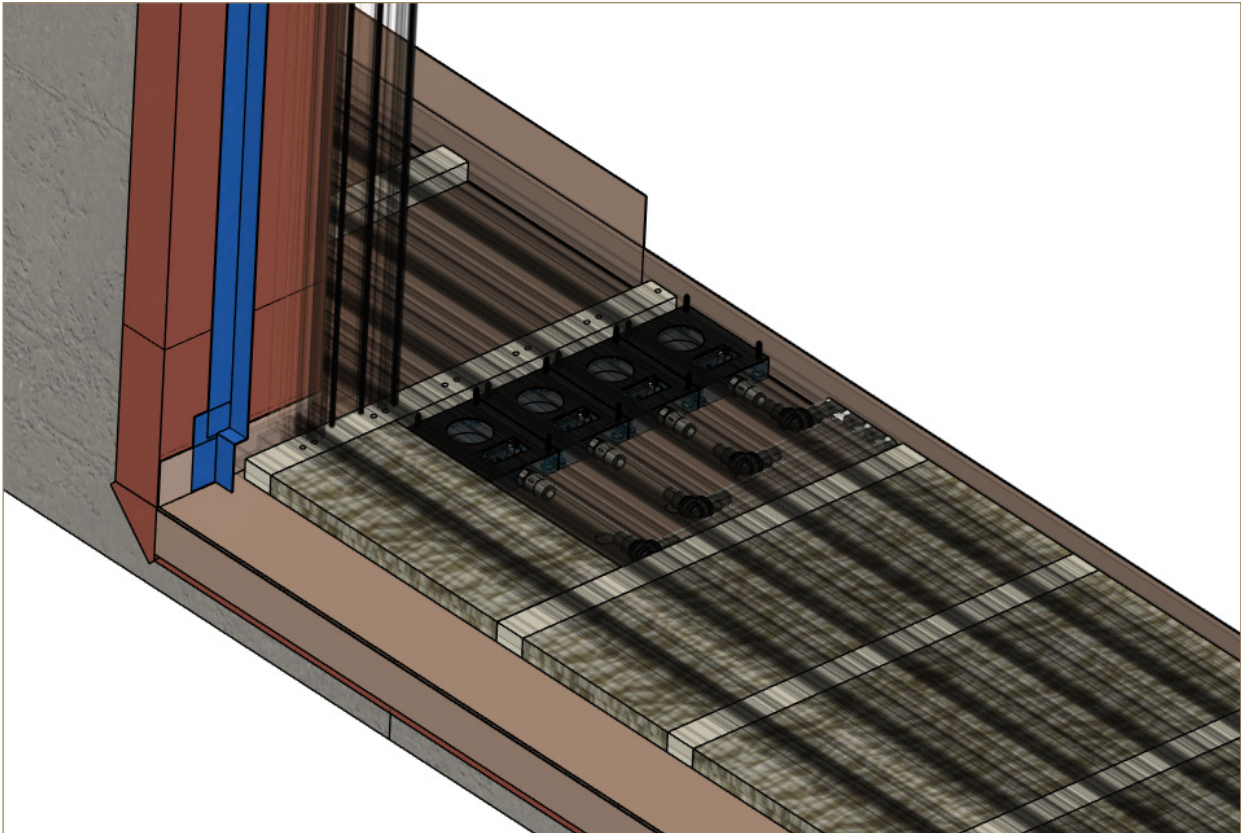


Instructions

- › Insulate the sill along the entire exterior side. You can insulate all the way through each section between the shims.
- › For sections with drainage systems, insulate up to the drainage block to maximize insulation.



Insulation detail view

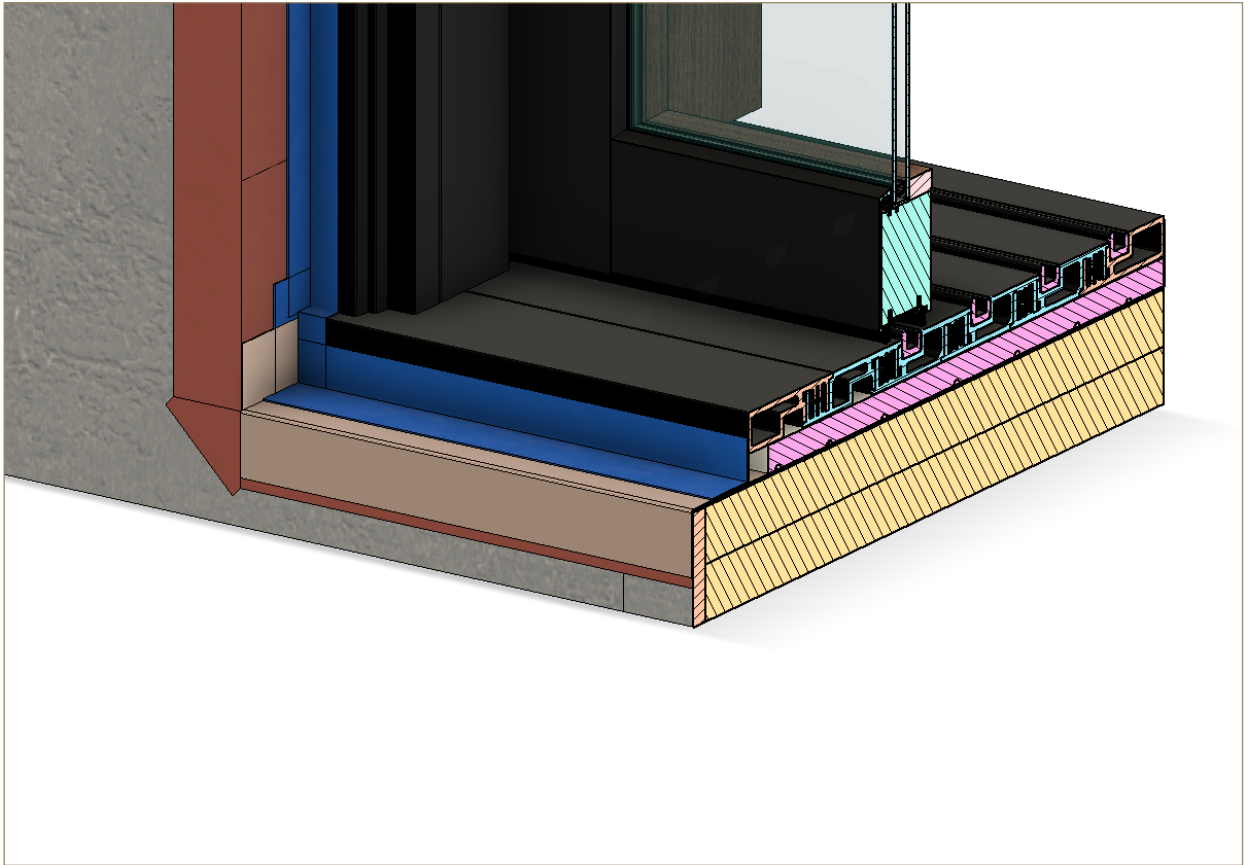


- › Seal the area between the sill and the rough opening with a membrane to prevent exterior air infiltration.

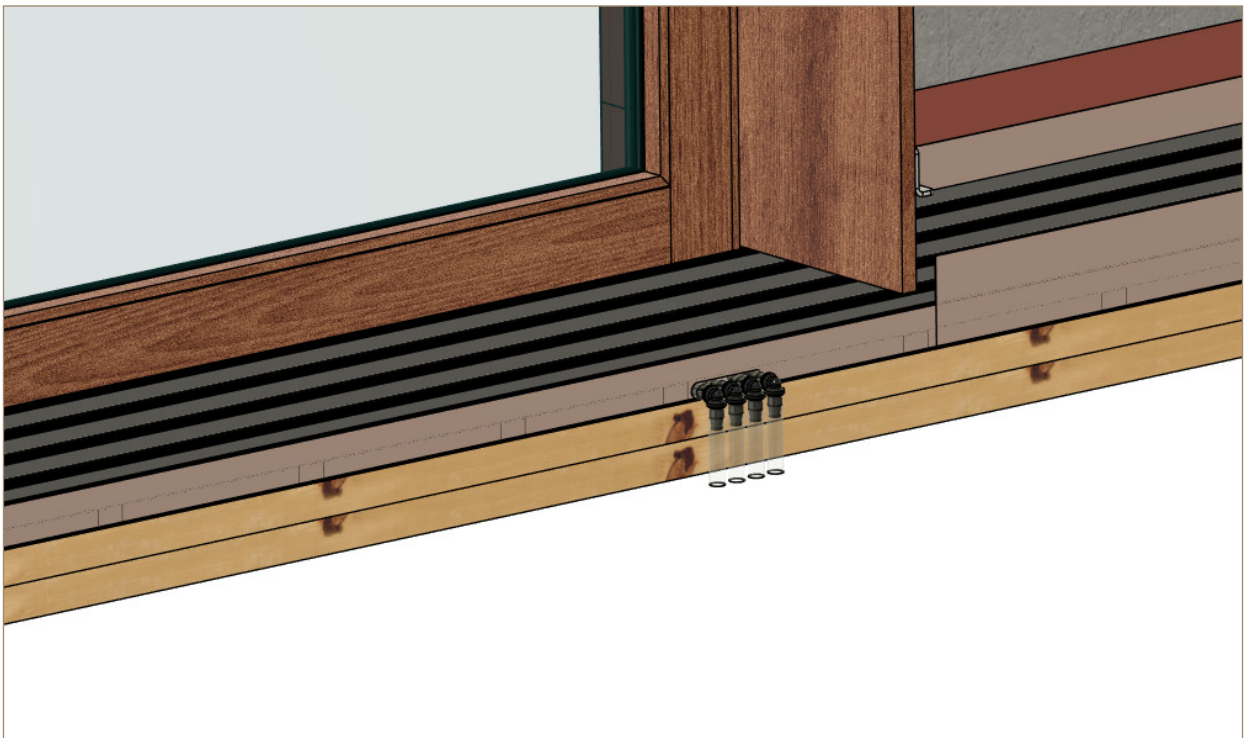
(Please follow applicable construction standards for these specific sealing details.)



Exterior waterproofing detail

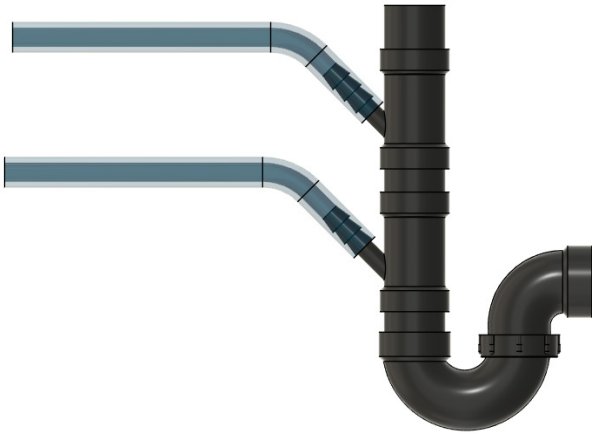


On the interior side, seal the ends of the tubing where they meet the pan.



Interior waterproofing detail

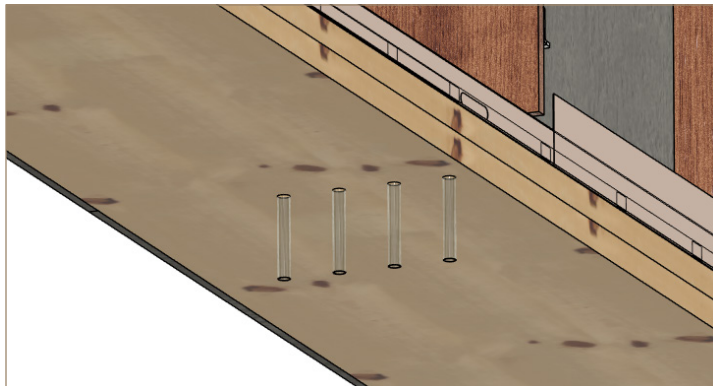
IMPORTANT : Ensure the horizontal sections of the tubing are installed straight, without loops, and sloped in accordance with plumbing code requirements.



- › For connecting the drains to the plumbing system, the easiest way is to use a dishwasher drain connector in ABS. You can make either a vertical or a horizontal manifold.
- › Add a P-trap to prevent odors from coming back through the piping system.
- › Leave the top of the connections open to allow air to return to the system without passing through the P-trap, preventing flow restriction.

Alternative connection option

You can drill directly under the door, through the pan, to pass the piping beneath the sill. Make sure the holes are completely sealed between the pan and the piping after the piping has passed through.

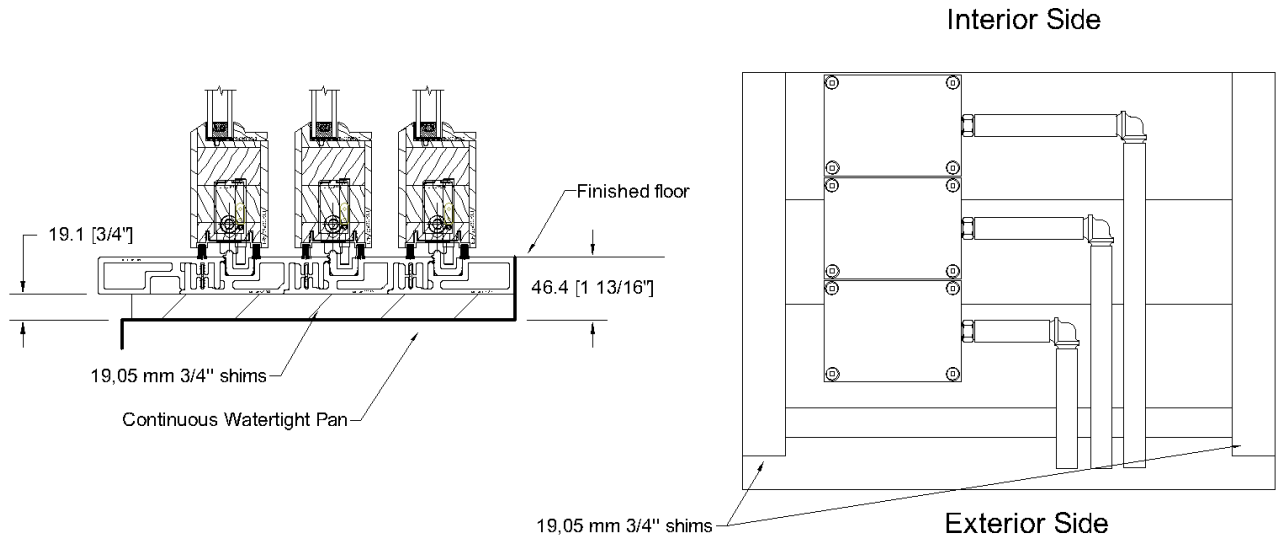


Detailed view of the alternative connection

Option 3 : Regular sill with tubing toward the exterior

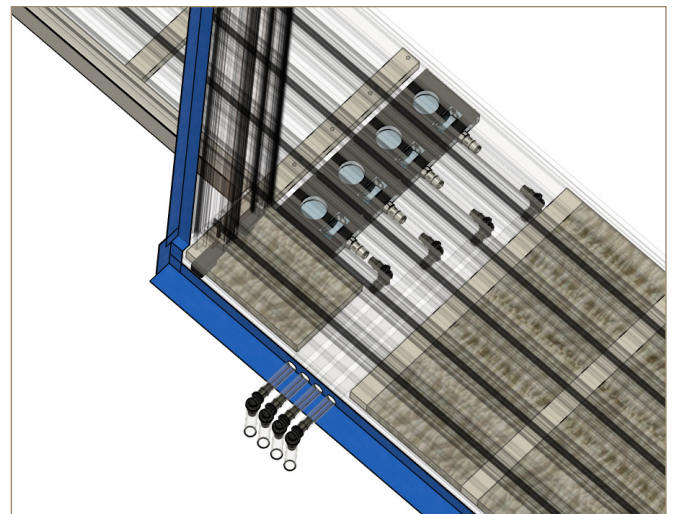
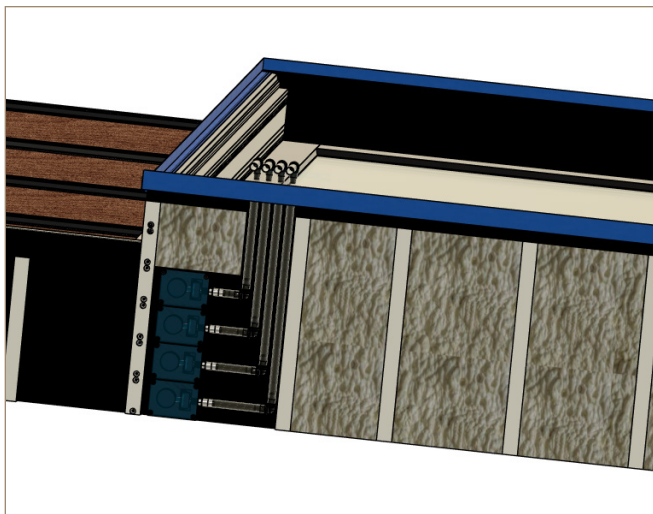
Description

Integrated system with shims, a drainage block, an anti-return valve, and tubing toward the exterior. Recommended for southern climates. A 19.05 mm (3/4") shim is required in the rough opening.



Instructions

- › Connect the piping to an exterior drain.
- › Insulate the sill along the entire exterior side. You can insulate all the way through each section between the shims.
- › For sections with drainage systems, insulate up to the drainage block to maximize insulation.
- › Insulate around the tubing, but do not block it or apply pressure to it.



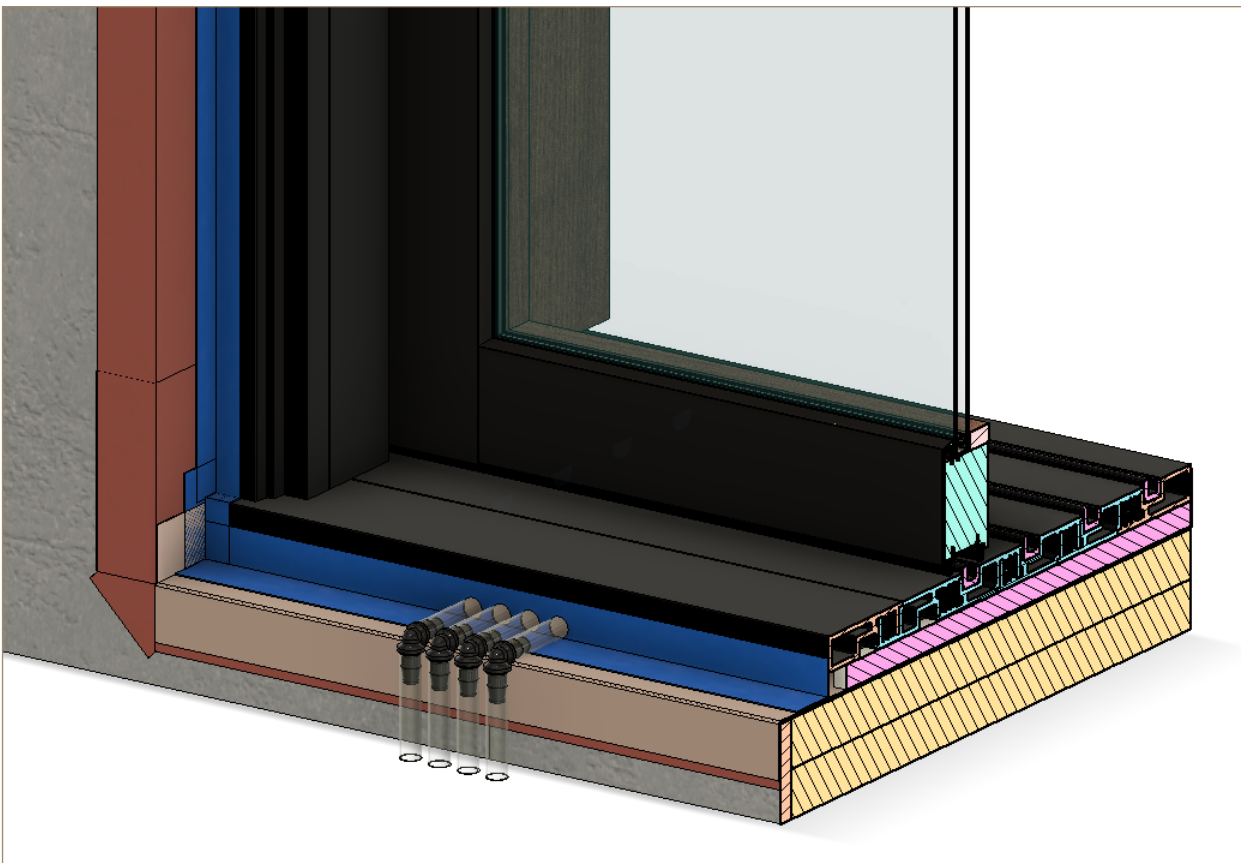
Insulation detail view

- › Seal the area between the sill, the tubing, and the rough opening with a membrane to prevent exterior air infiltration.

(Please follow applicable construction standards for these specific sealing details.)



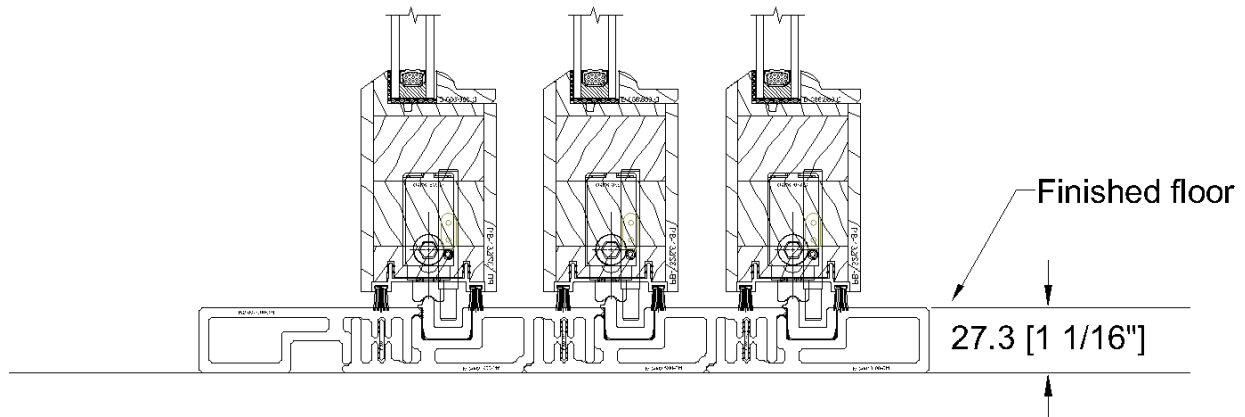
Exterior waterproofing detail



Option 4 : Regular sill with no drainage

Description

Fiberglass sill without drainage and shims for interior applications or installations without water exposure.



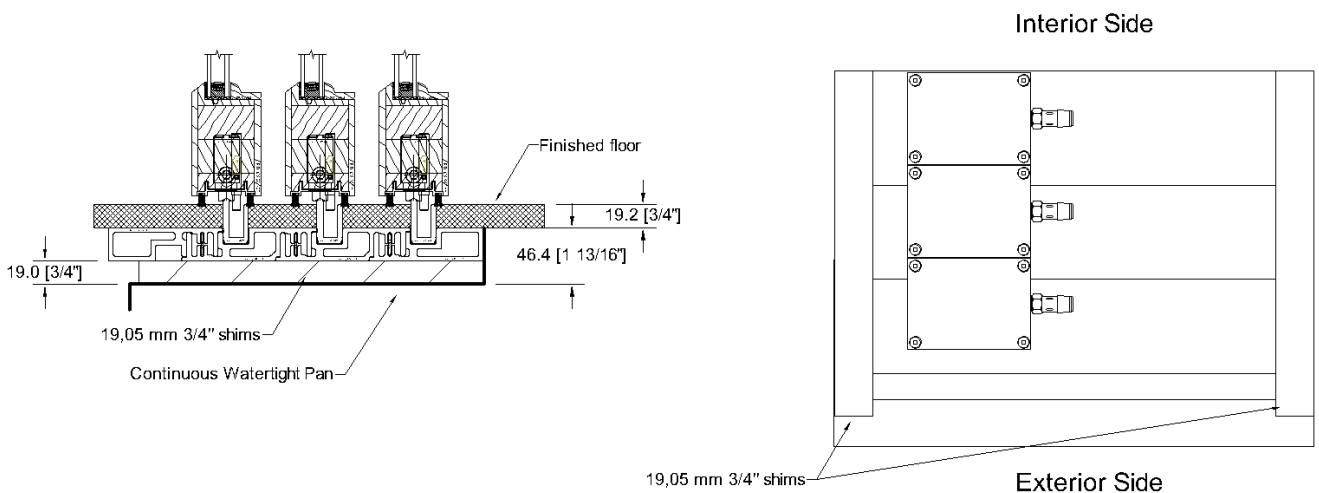
Instructions

There are no specific insulation, sealing or drainage instructions for this option. We only recommend that the sill is glued with sealant or adhesive on the floor to prevent any movement.

Option 5 : Embedded sill with exterior drainage and a pan

Description

Integrated system with shims, a drainage block, an anti-return valve, and a pan (not provided by Lepage Millwork). A 19.05 mm (3/4") shim is required in the rough opening.

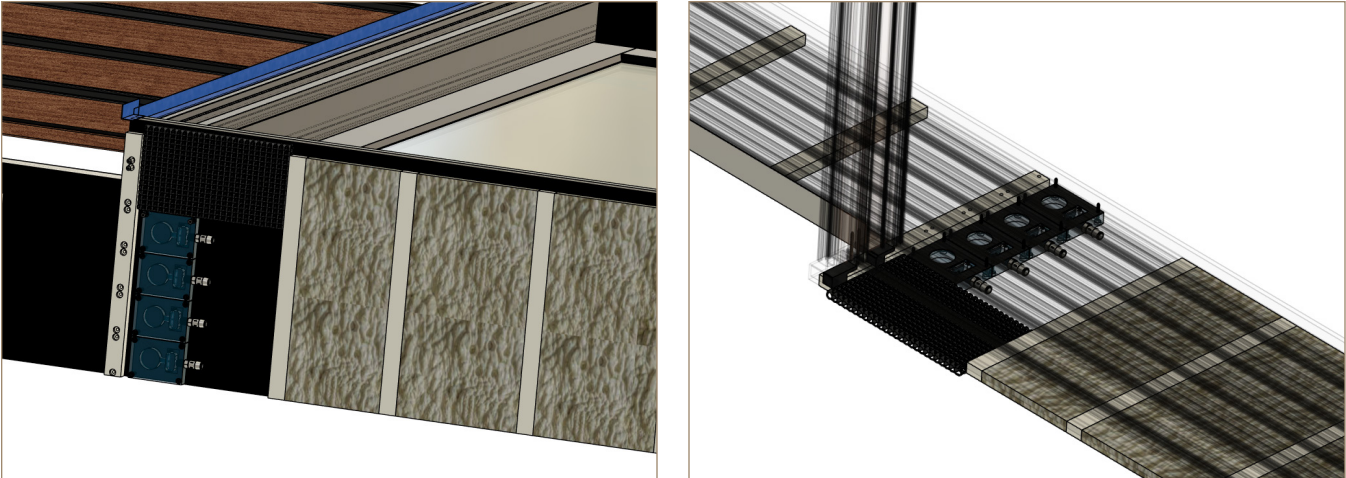


Instructions

- › Insulate the sill along the entire exterior side. You can insulate all the way through each section between the shims.

IMPORTANT : To let the water flow on the pan, do not insulate in front of the drainage block.

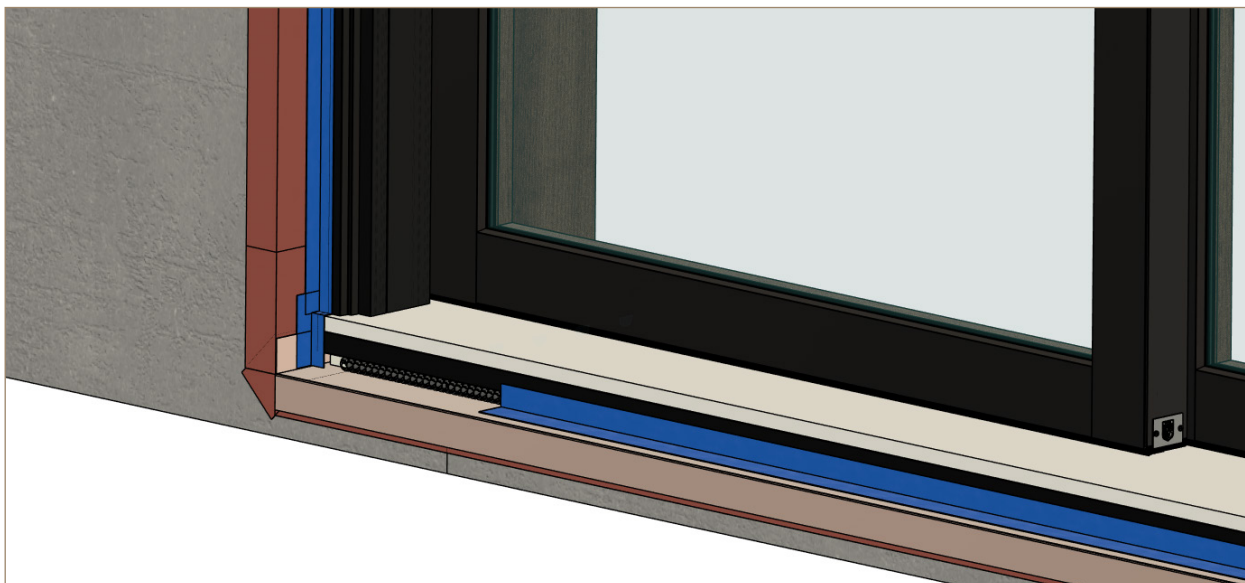
- › Install reticulated foam in front of the drainage section to prevent bugs and mice from going under the sill.



Insulation detail view

- › Seal the remaining part between the sill and the rough opening with a membrane to prevent exterior air infiltration.

(Please follow applicable construction standards for these specific sealing details.)

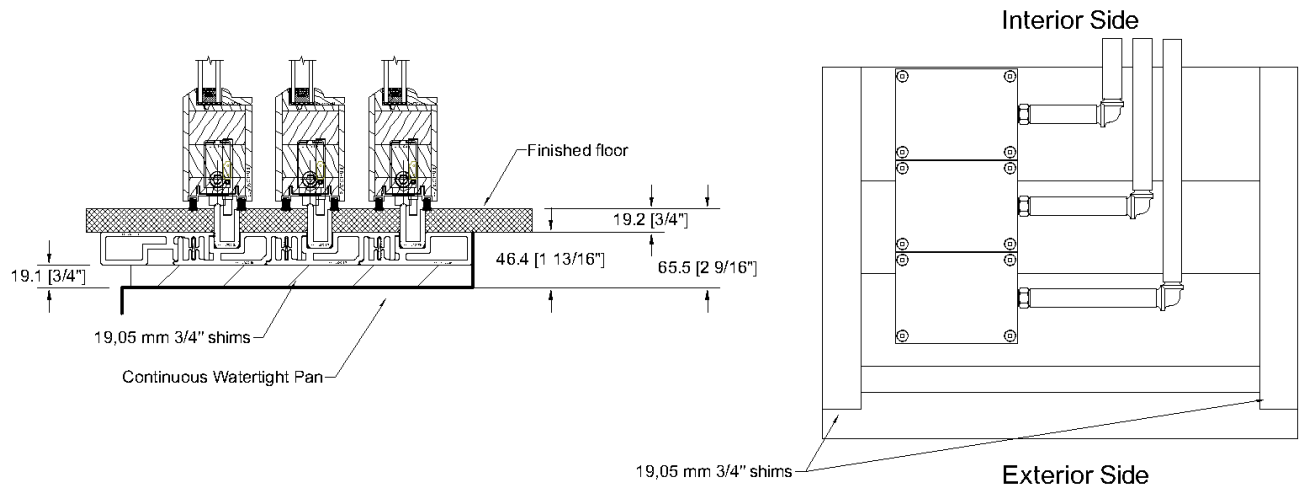


Exterior waterproofing detail

Option 6 : Embedded sill with tubing toward the interior

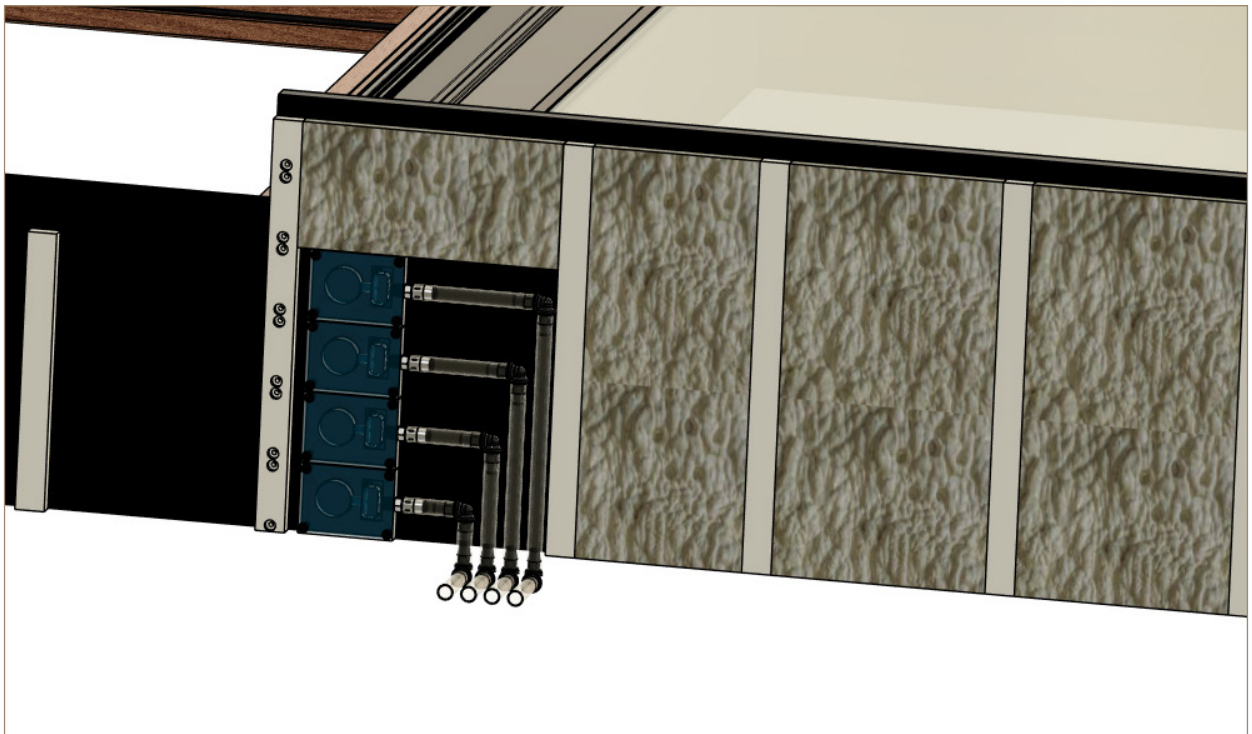
Description

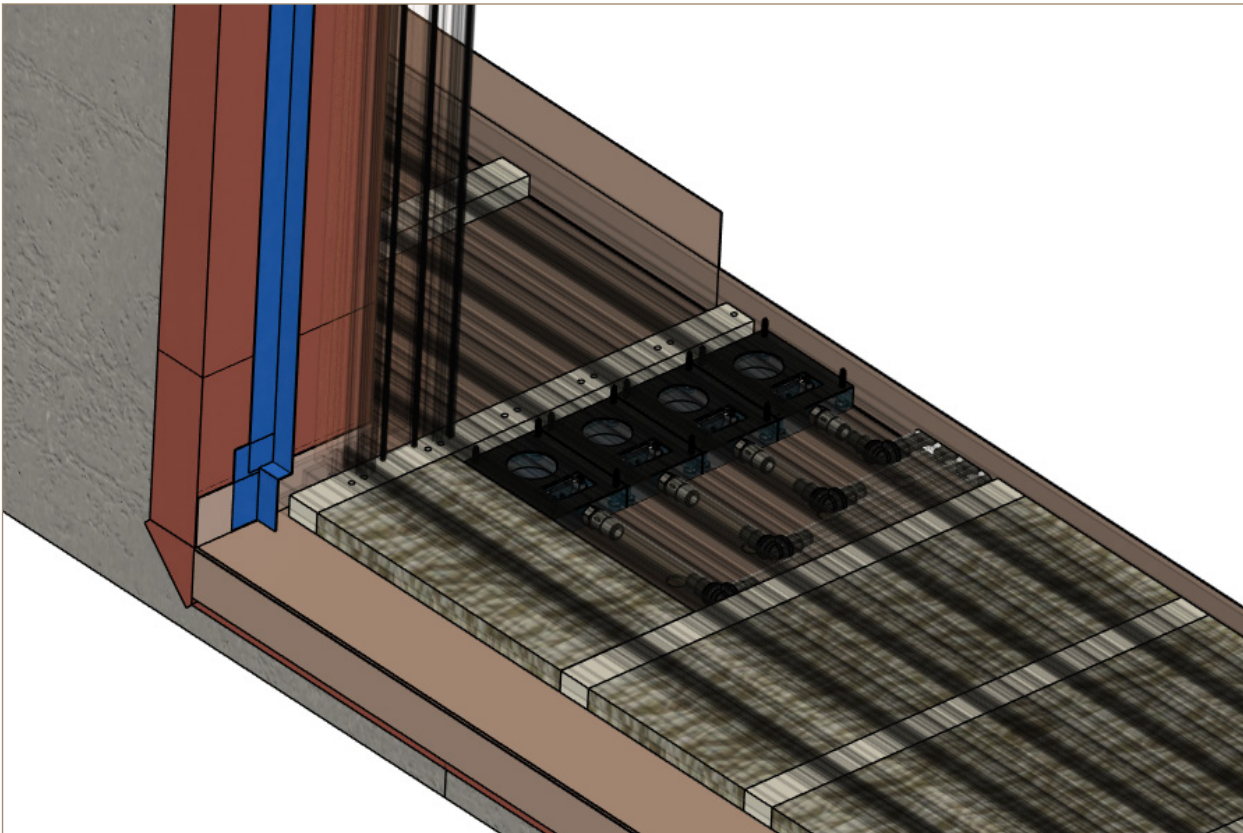
Integrated system with shims, a drainage block, an anti-return valve, and tubing toward the interior. Recommended for northern climates, where increased water infiltration resistance is required. A 19.05 mm (3/4") shim is required in the rough opening.



Instructions

- › Insulate the sill along the entire exterior side. You can insulate all the way through each section between the shims.
- › For sections with drainage systems, insulate up to the drainage block to maximize insulation.





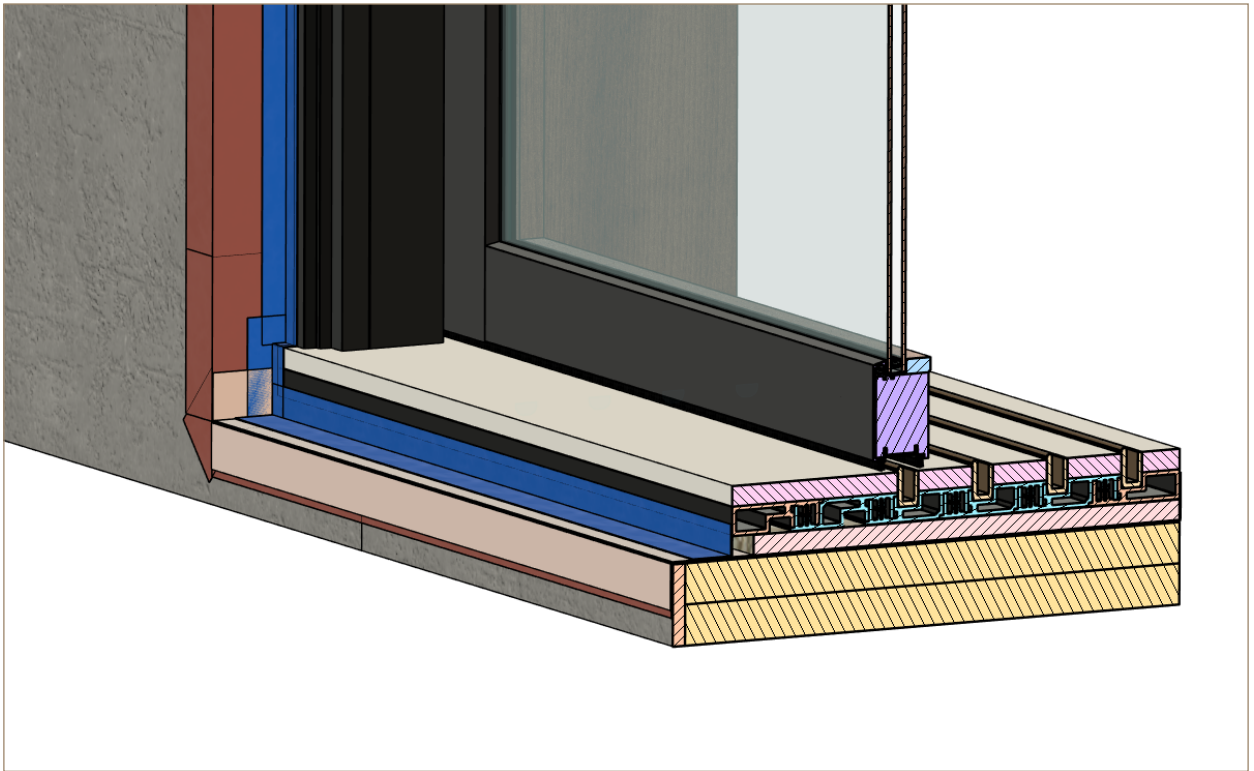
Insulation detail view

- › Seal the area between the sill and the rough opening with a membrane to prevent exterior air infiltration.

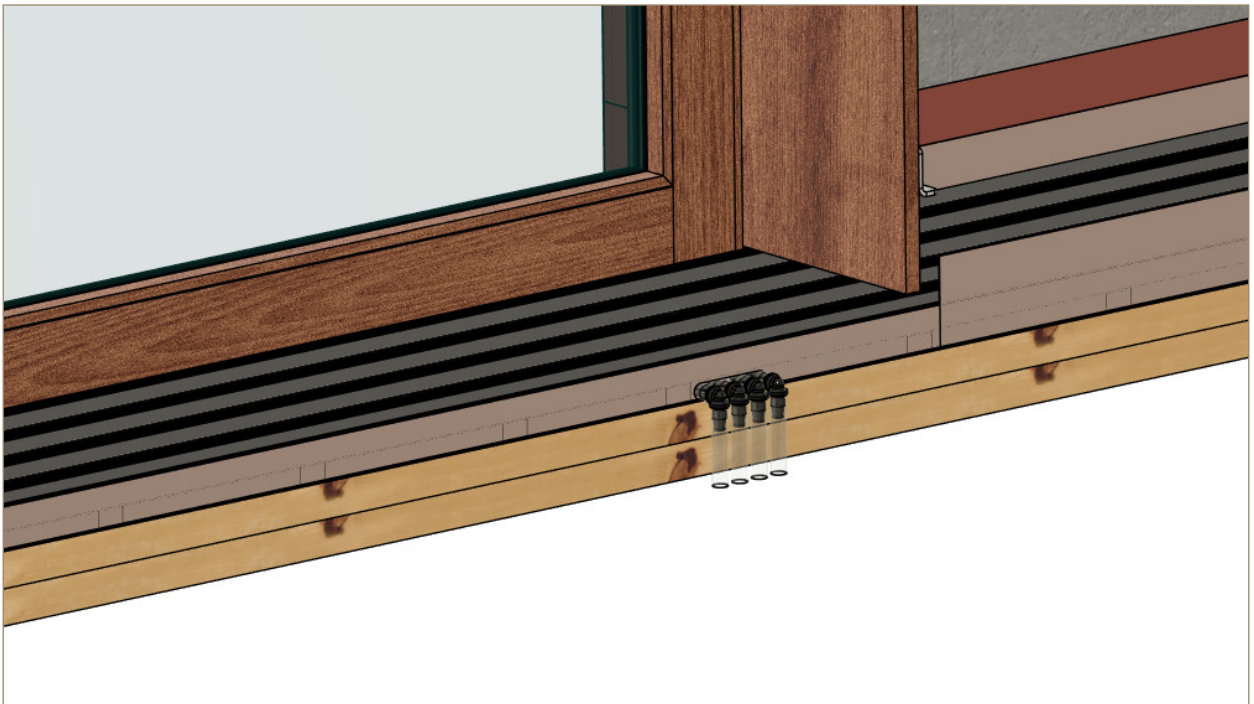
(Please follow applicable construction standards for these specific sealing details.)



Exterior waterproofing detail

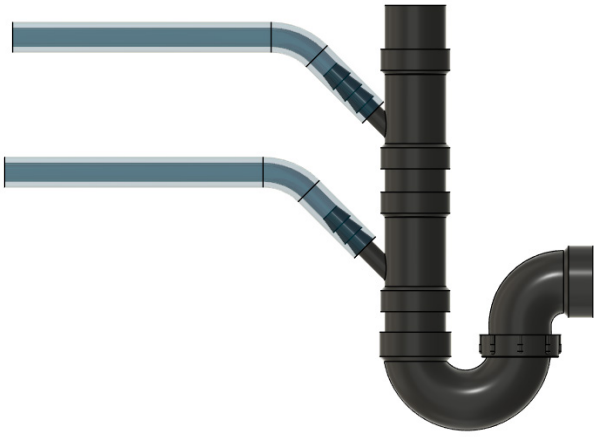


On the interior side, seal the ends of the tubing where they meet the pan.



Exterior waterproofing detail

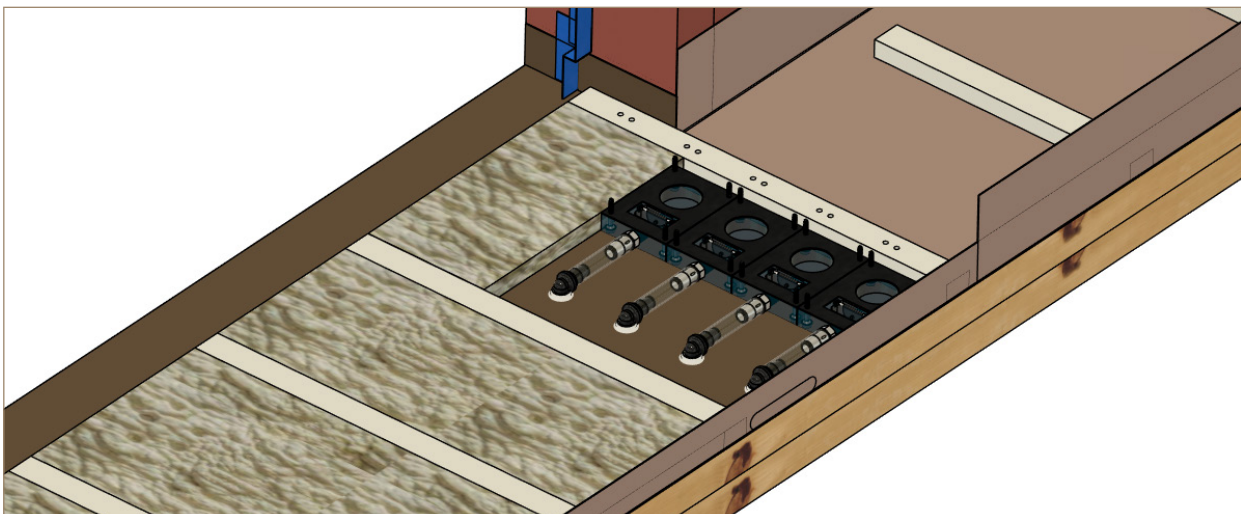
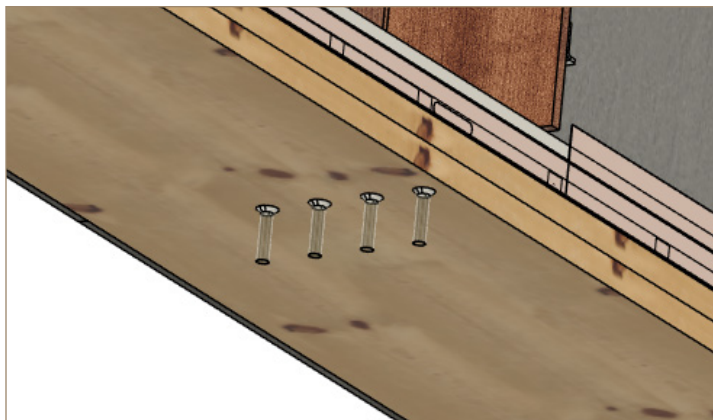
IMPORTANT : Ensure the horizontal sections of the tubing are installed straight, without loops, and sloped in accordance with plumbing code requirements.



- › For connecting the drains to the plumbing system, the easiest way is to use a dishwasher drain connector in ABS. You can make either a vertical or a horizontal manifold.
- › Add a P-trap to prevent odors from coming back through the piping system.
- › Leave the top of the connections open to allow air to return to the system without passing through the P-trap, preventing flow restriction.

Alternative connection option

You can drill directly under the door, through the pan, to pass the piping beneath the sill. Make sure that the holes are completely sealed between the pan and the piping after the piping has passed through.

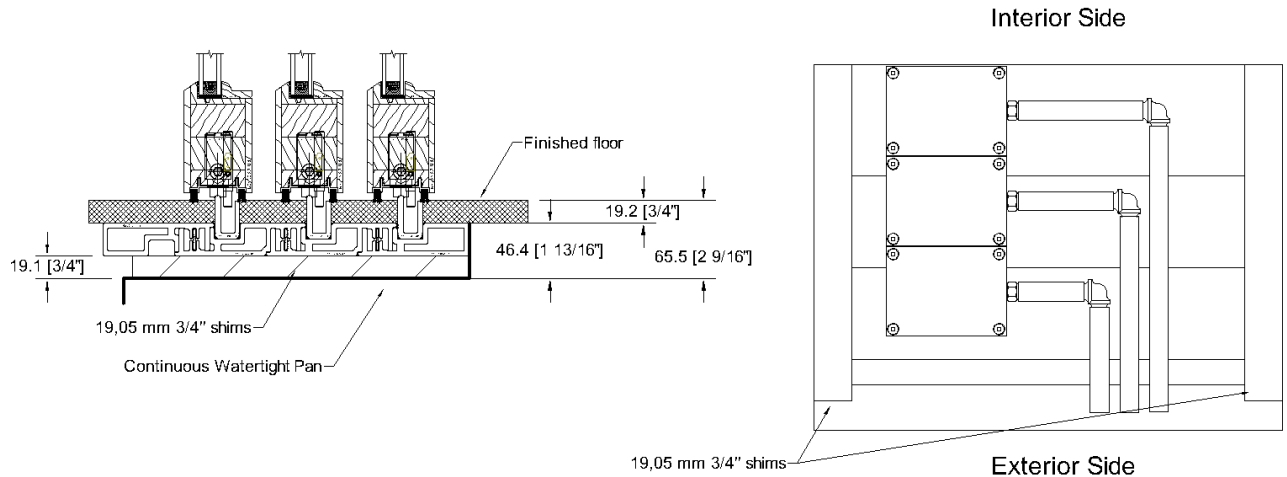


Detailed view of the alternative connection

Option 7 : Embedded sill with tubing toward the exterior

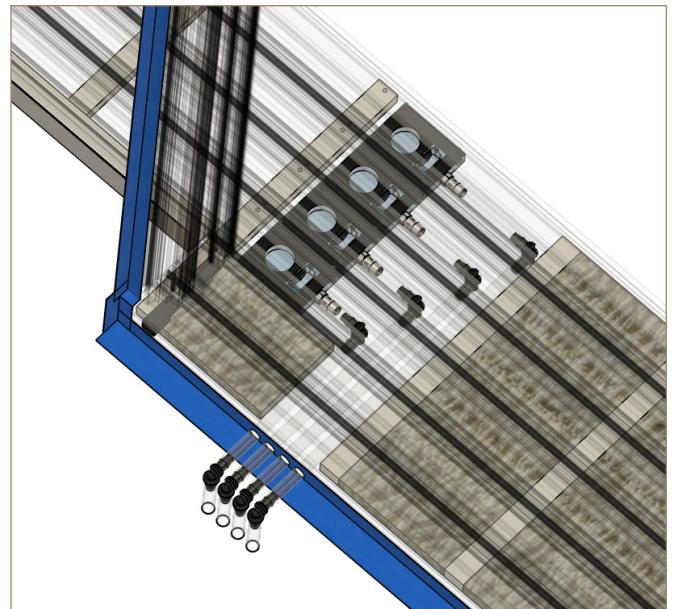
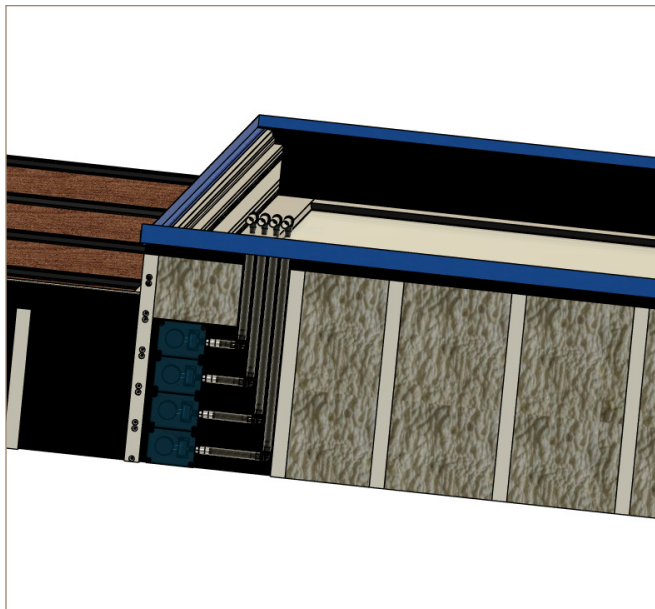
Description

Integrated system with shims, a drainage block, an anti-return valve, and tubing toward the exterior. Recommended for southern climates. A 19.05 mm (3/4") shim is required in the rough opening.



Instructions

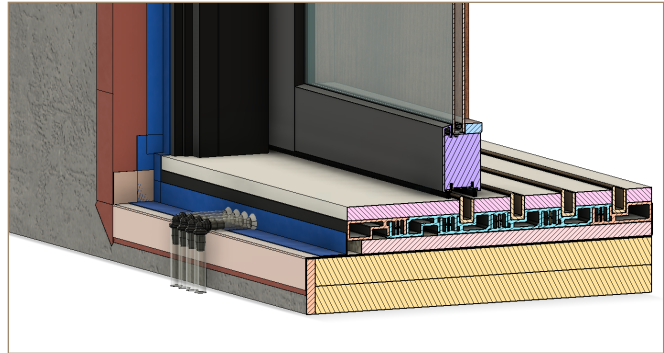
- › Connect the piping to an exterior drain.
- › Insulate the sill along the entire exterior side. You can insulate all the way through each section between the shims.
- › For sections with drainage systems, insulate up to the drainage block to maximize insulation.
- › Insulate around the tubing, but do not block it or apply pressure to it.



Insulation detail view

- › Seal the area between the sill, the tubing, and the rough opening with a membrane to prevent exterior air infiltration.

(Please follow applicable construction standards for these specific sealing details.)

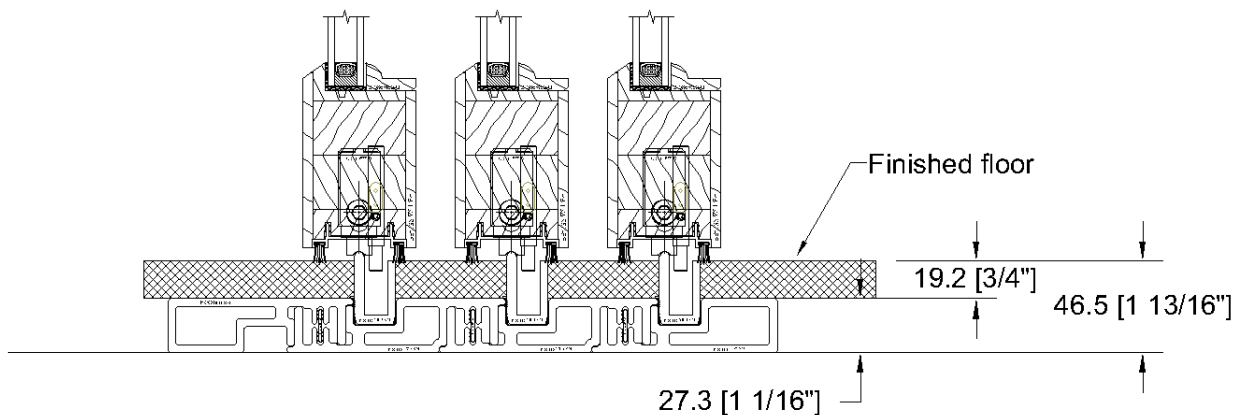


Exterior waterproofing detail

Option 8 : Embedded sill with no drainage

Description

Fiberglass sill without drainage and shims for interior applications or installations without water exposure.



Instructions

There are no specific insulation, sealing or drainage instructions for this option. We only recommend that the sill is glued with sealant or adhesive on the floor to prevent any movement.



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