EIFS: StoTherm™ Rainscreen II 8.XX Series

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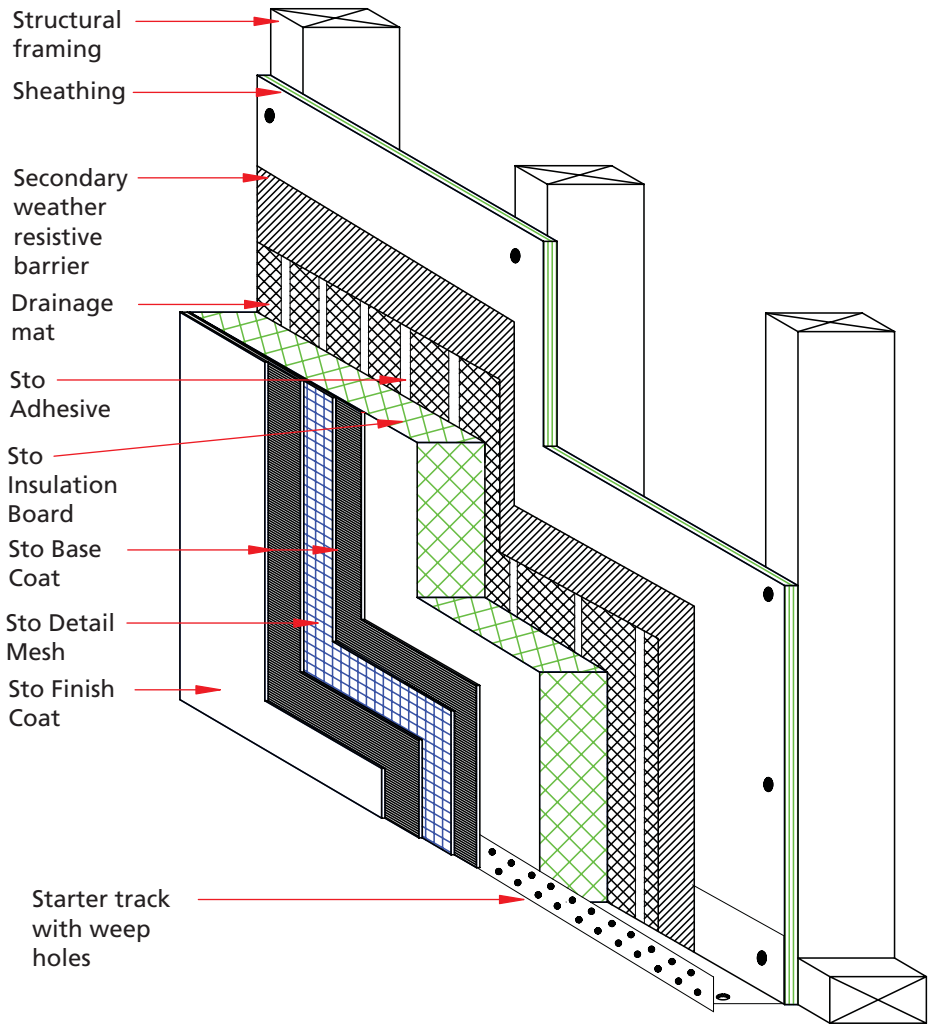
StoTherm™ Rainscreen II
Wood Frame Construction

Detail No.: 8.00

Date: October 2007



Notes:

1. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).

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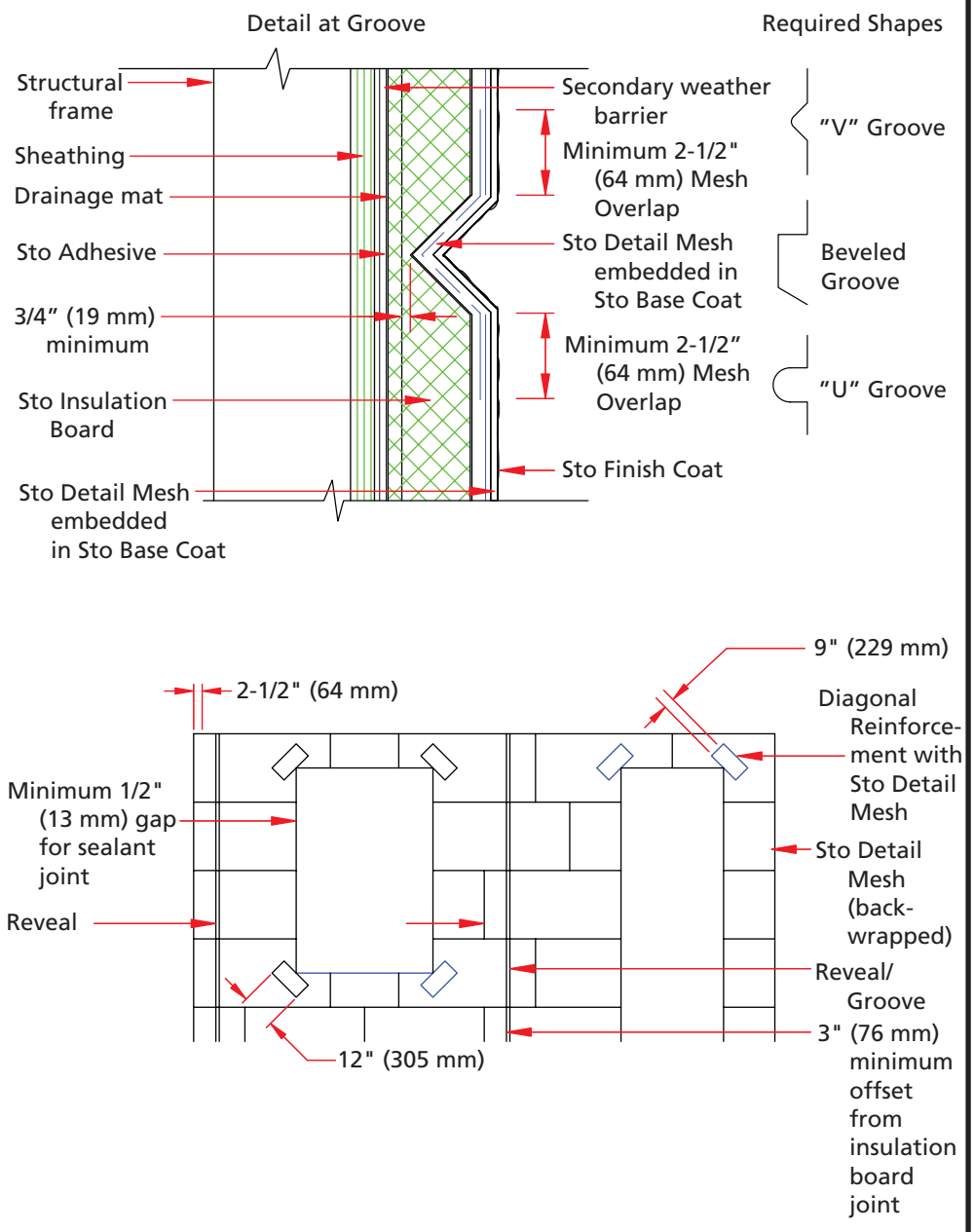
StoTherm™ Rainscreen II
Reveals/Aesthetic Grooves

Detail No.: 8.03

Date: October 2007



Notes:

1. Do not locate reveals at stress areas such as corners of windows, doors, etc.
2. Horizontal reveals must be sloped to shed water. Minimum required slope is 1:2 (27 degrees), steeper for northern climates.
3. Offset reveals minimum 3" (76 mm) from insulation board joints.
4. Use Sto Detail Mesh to reinforce reveals and overlap with Sto Detail Mesh minimum 2-1/2" (64 mm).
5. Use proper tools to avoid build-up of material in reveals and to ensure consistent thickness.
6. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).

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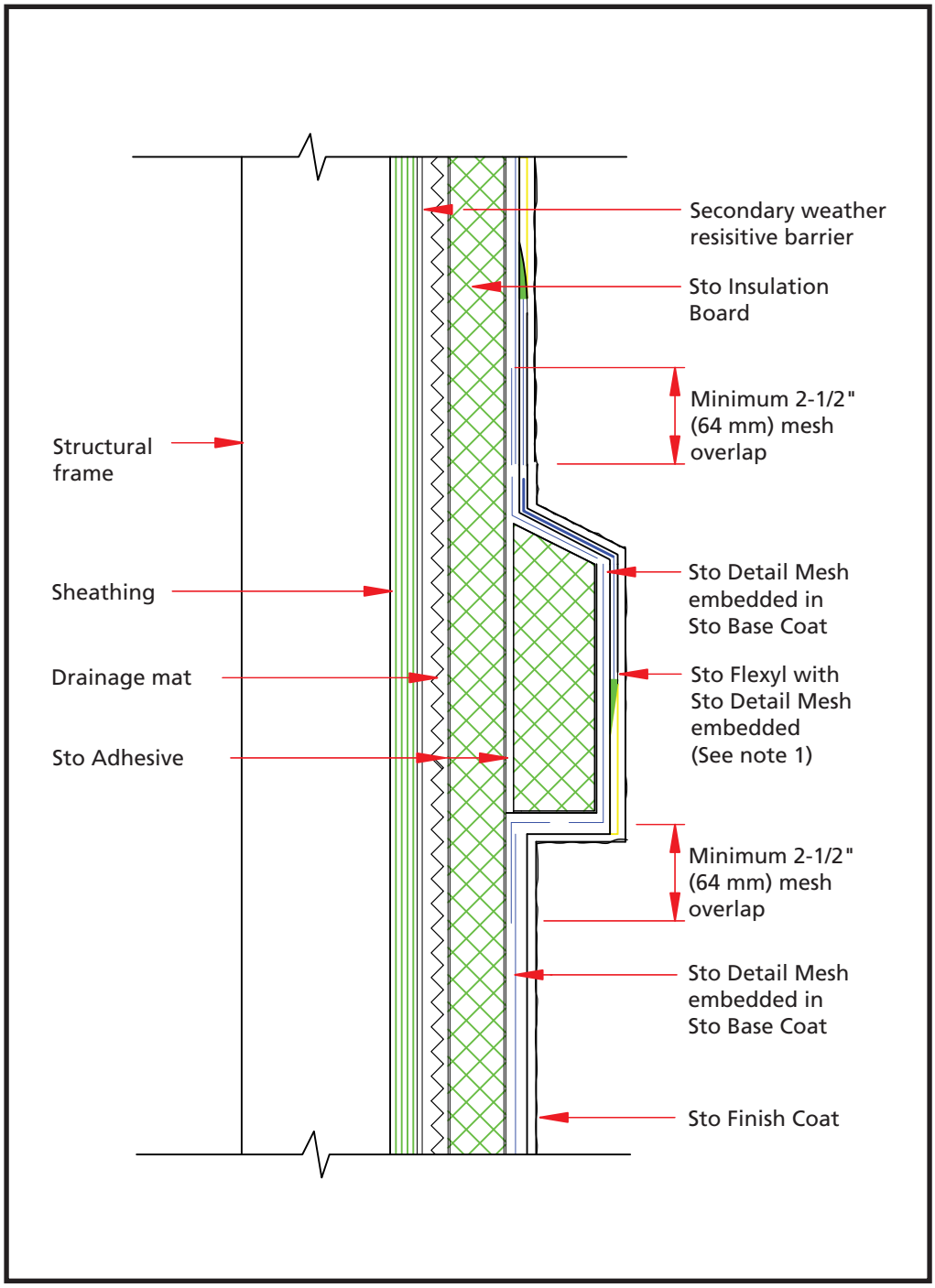
StoTherm™ Rainscreen II
Aesthetic Band/Projection or Build-Out

Detail No.: 8.04

Date: October 2007



Notes:

1. Sto Flexyl requires primer prior to application of finish coat. with Sto Detail Mesh required for projections greater than 2 inches (51 mm).
2. Minimum required slope is 1:2 (27 degrees) and maximum width is 12 inches (300 mm). Increase slope for northern climates to prevent accumulation of ice/snow and water on surface. Periodic inspections and increased maintenance of coating may be required.
3. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).

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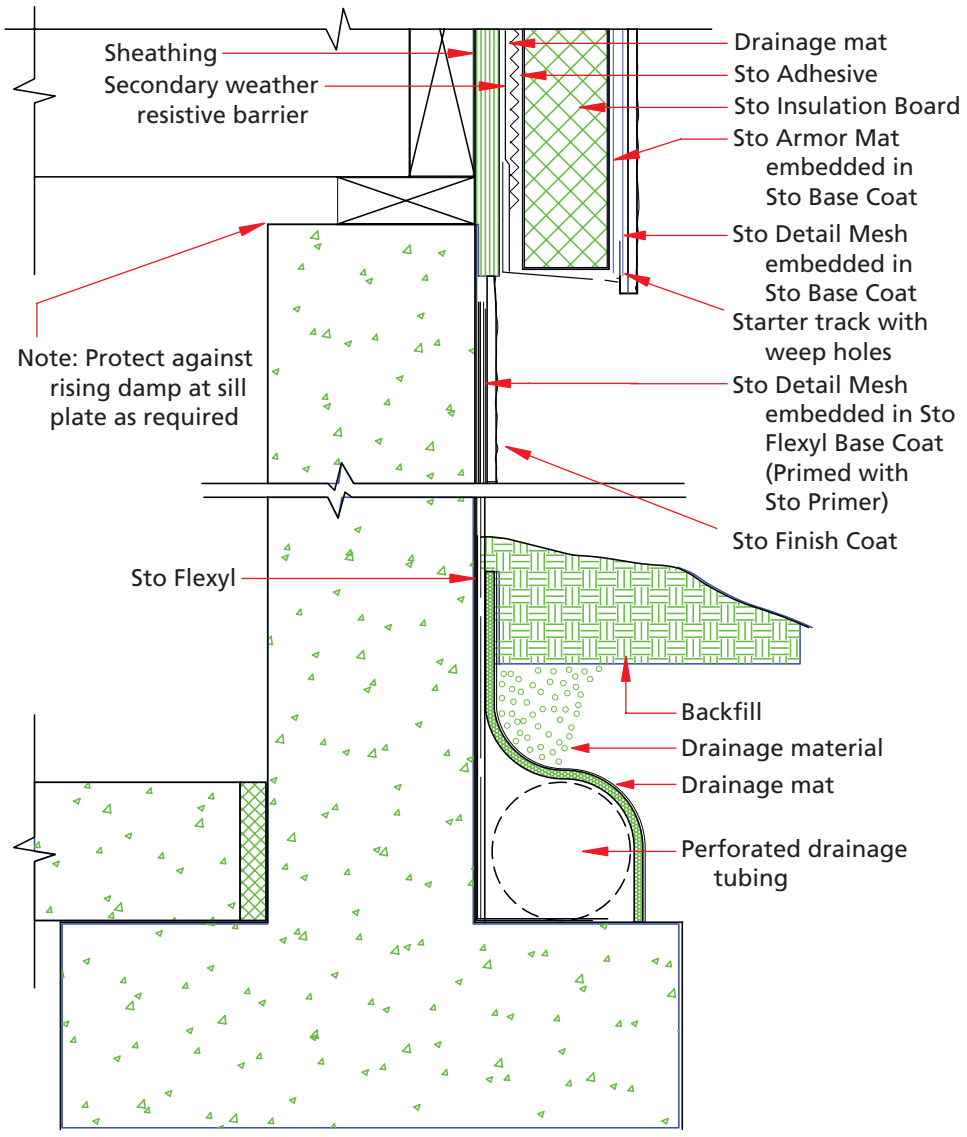
StoTherm™ Rainscreen II
Grade Condition with Waterproof Foundation

Detail No.: 8.10

Date: October 2007



Notes:

1. Not recommended to extend finish coat below grade. Terminate finish coat minimum 8" (203 mm) above grade, higher for snow regions.
2. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).

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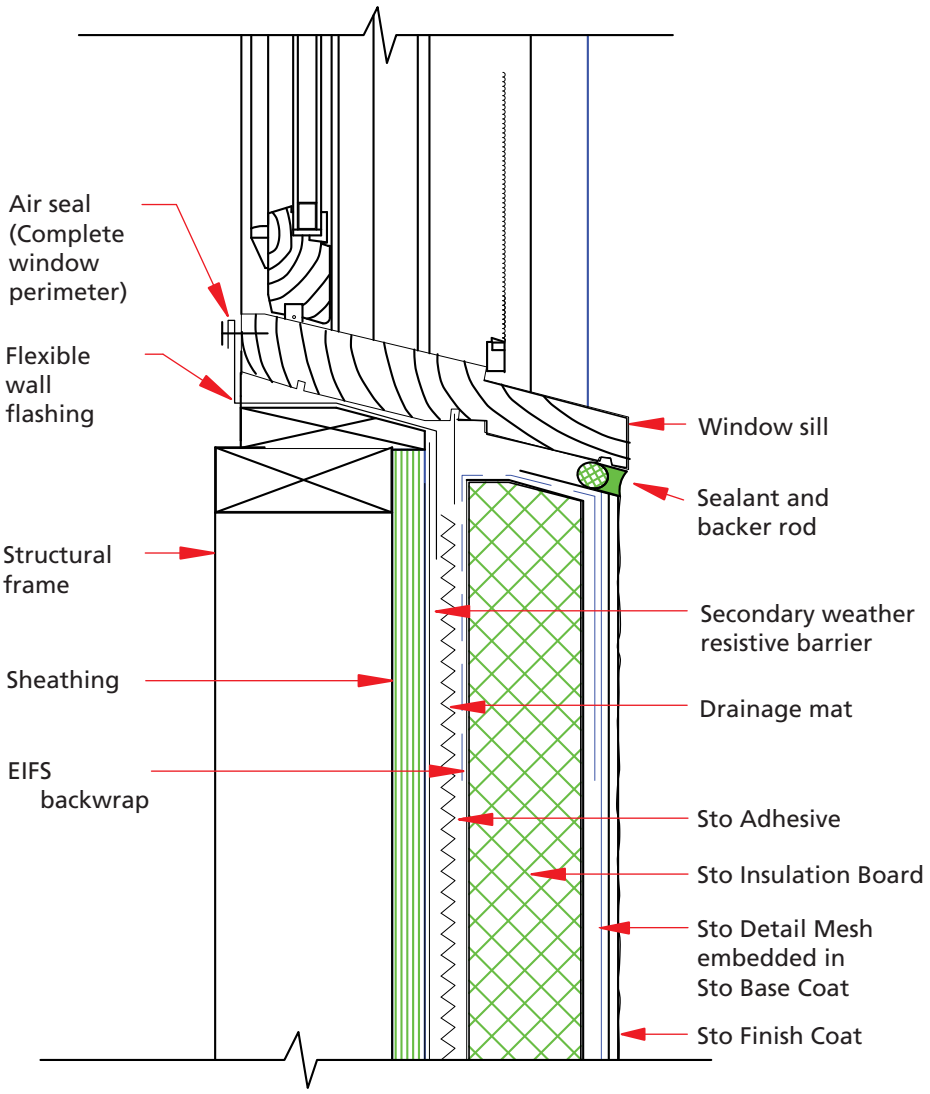
StoTherm™ Rainscreen II
Pan Flashing at Window Sill

Detail No.: 8.20

Date: October 2007



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Install flexible membrane flashing minimum 4" (102 mm) up jambs of rough opening to create end dams.
4. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).

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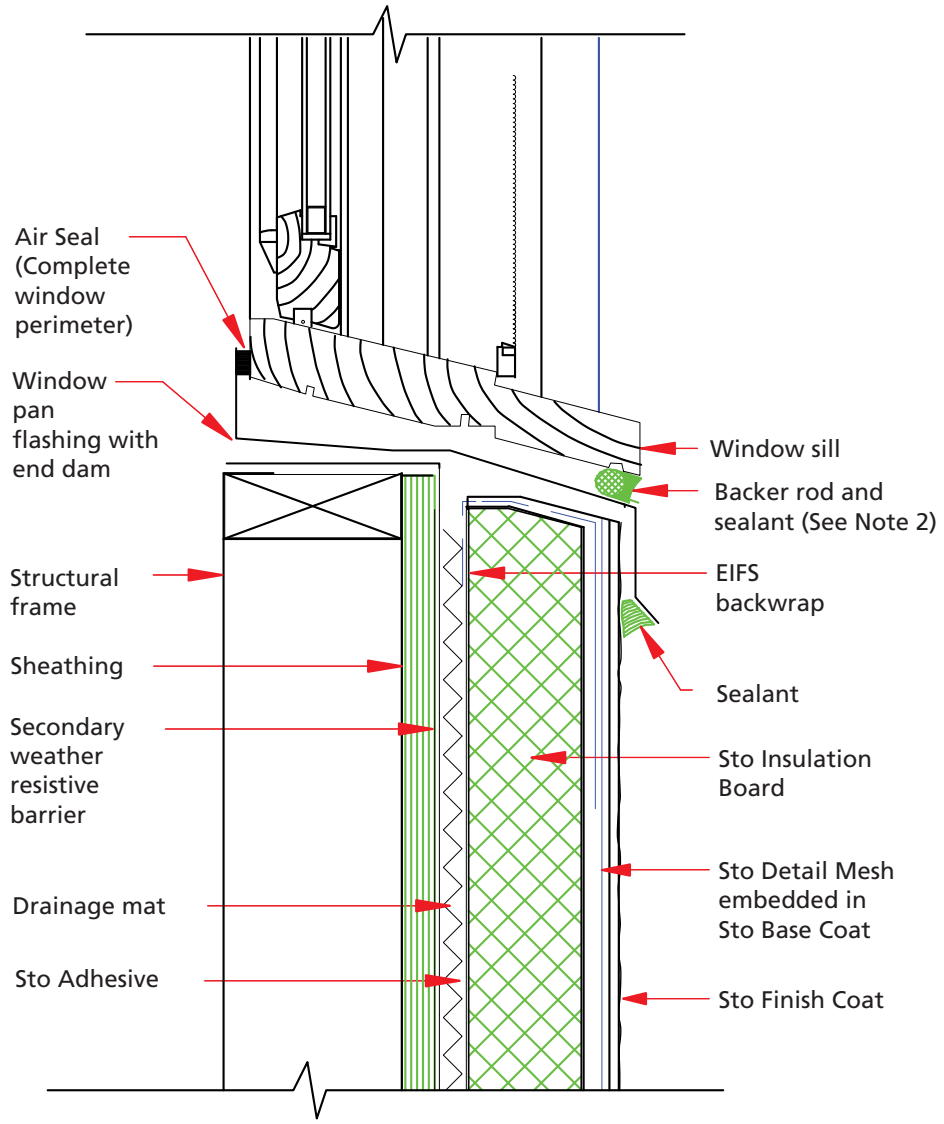
StoTherm™ Rainscreen II
Pan Flashing at Window Sill
(Window with No Nailing Flange)

Detail No.: 8.20A

Date: October 2007



Notes:

1. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).
2. Weep holes to be provided every 2 feet (610 mm) through the backer rod and sealant and at window corners and mullions.

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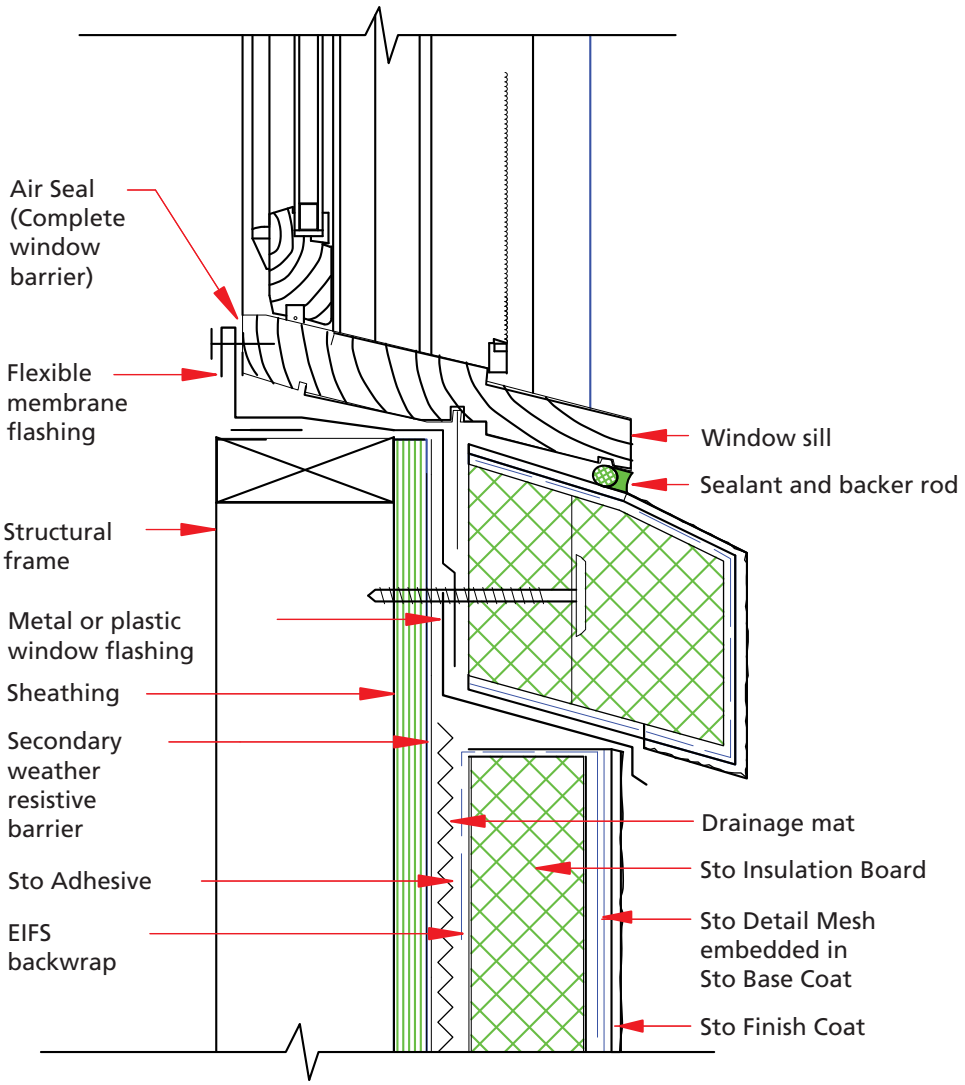
StoTherm™ Rainscreen II
Flashing at Window Sill with EIFS Trim (Window with Nailing Flange)

Detail No.: 8.20B

Date: October 2007



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Install flexible membrane flashing minimum 4" (102 mm) up jambs of rough opening to create end dams.
4. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).
5. EIFS sill slope minimum 1:2 (27 degrees).
6. EIFS sill trim pre-wrapped with base coat and reinforcing mesh on top and bottom. Leave face exposed for mechanical attachment. Attach every 8 inches (209 mm) on center and no more than 4 inches (102 mm) from ends with appropriate fastener. Then adhesively attach final trim piece.

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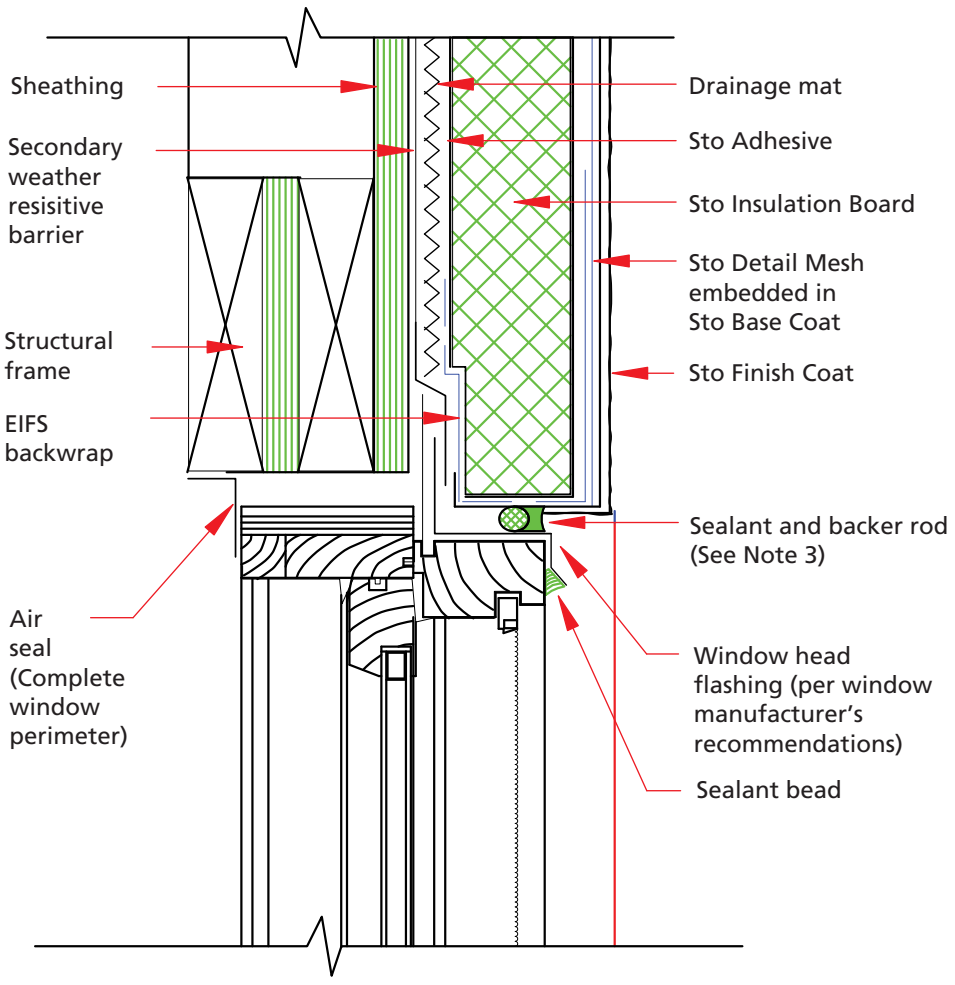
StoTherm™ Rainscreen II
Flashing at Window Head
(Window with Nailing Flange)

Detail No.: 8.21

Date: October 2007



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Weep holes to be provided every 2 feet (610 mm) through the sealant joint above the flashing.
4. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).

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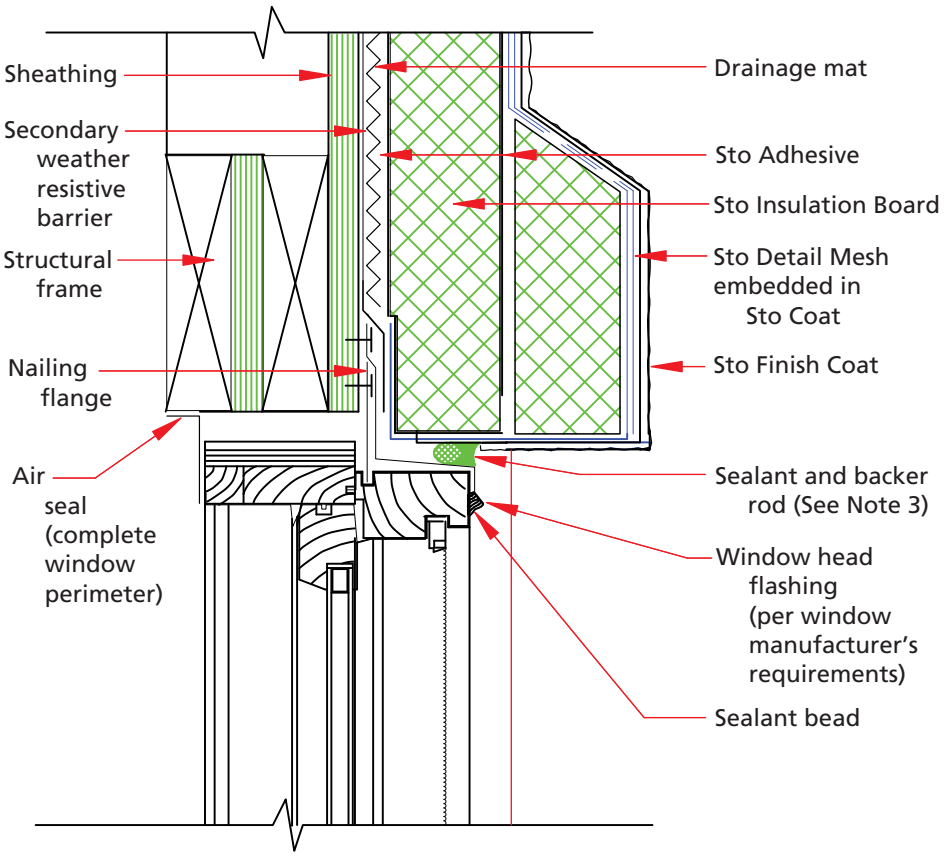
StoTherm™ Rainscreen II
Flashing at Window Head with EIFS Trim (Window with Nailing Flange)

Detail No.: 8.21B

Date: October 2007



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Weep holes to be provided every 2 feet (610 mm) through the sealant joint above the flashing.
4. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).
5. EIFS trim slope minimum 1:2 (27 degrees).

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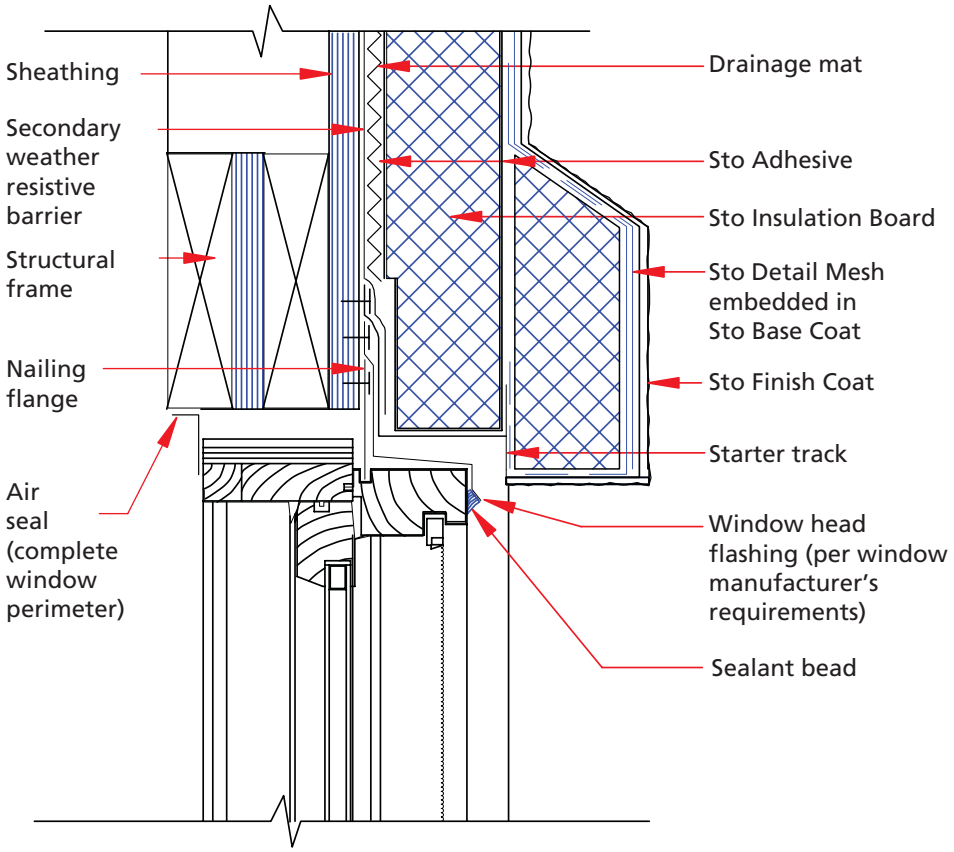
StoTherm™ Rainscreen II
Flashing at Window Head with EIFS Trim and Drip Edge (Window with Nailing Flange)

Detail No.: 8.21C

Date: October 2007



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, water-proof building paper or equivalent).
4. EIFS trim slope minimum 1:2 (27 degrees).
5. Embed starter track attachment flange in sealant before securing to substrate.

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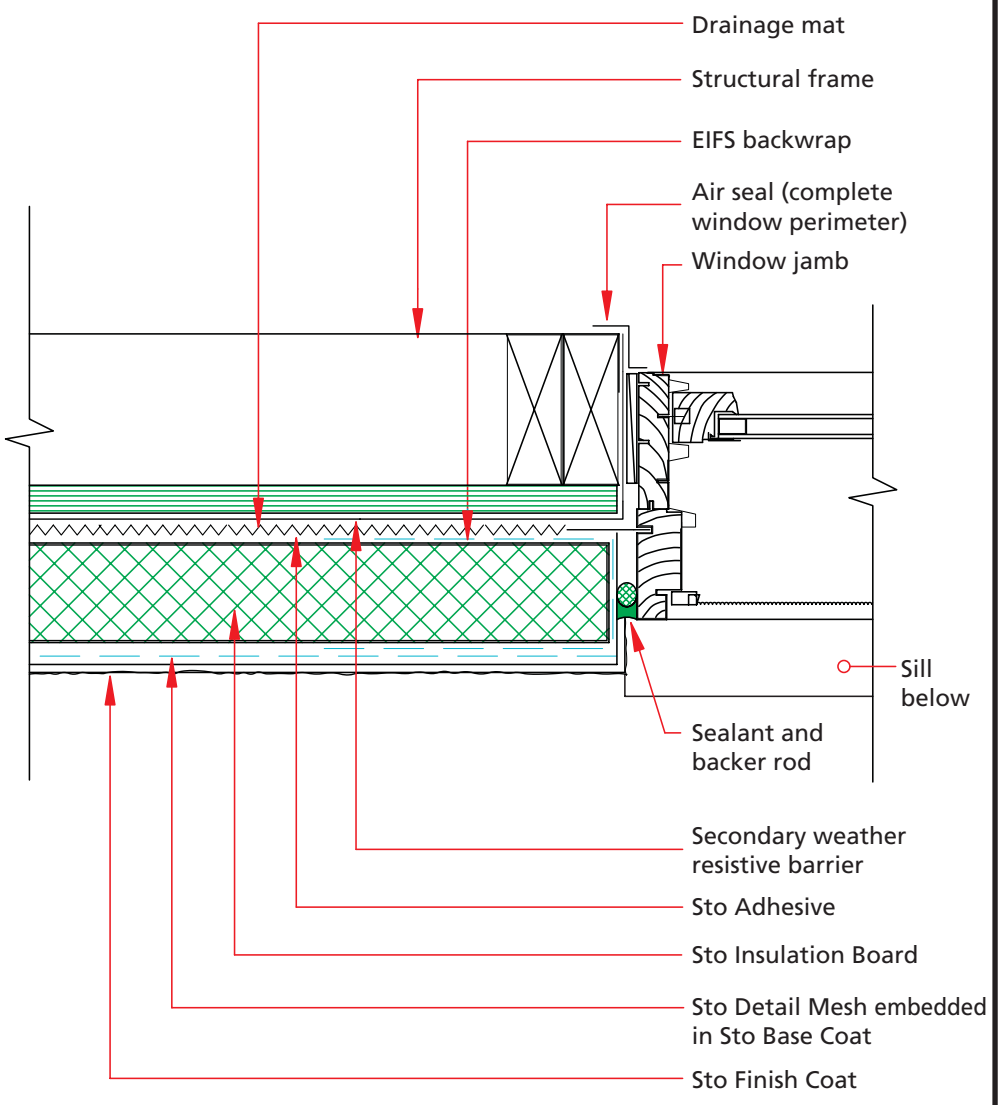
StoTherm™ Rainscreen II
Window Jamb (Window with Nailing Flange)

Detail No.: 8.22

Date: October 2007



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, water-proof building paper or equivalent).

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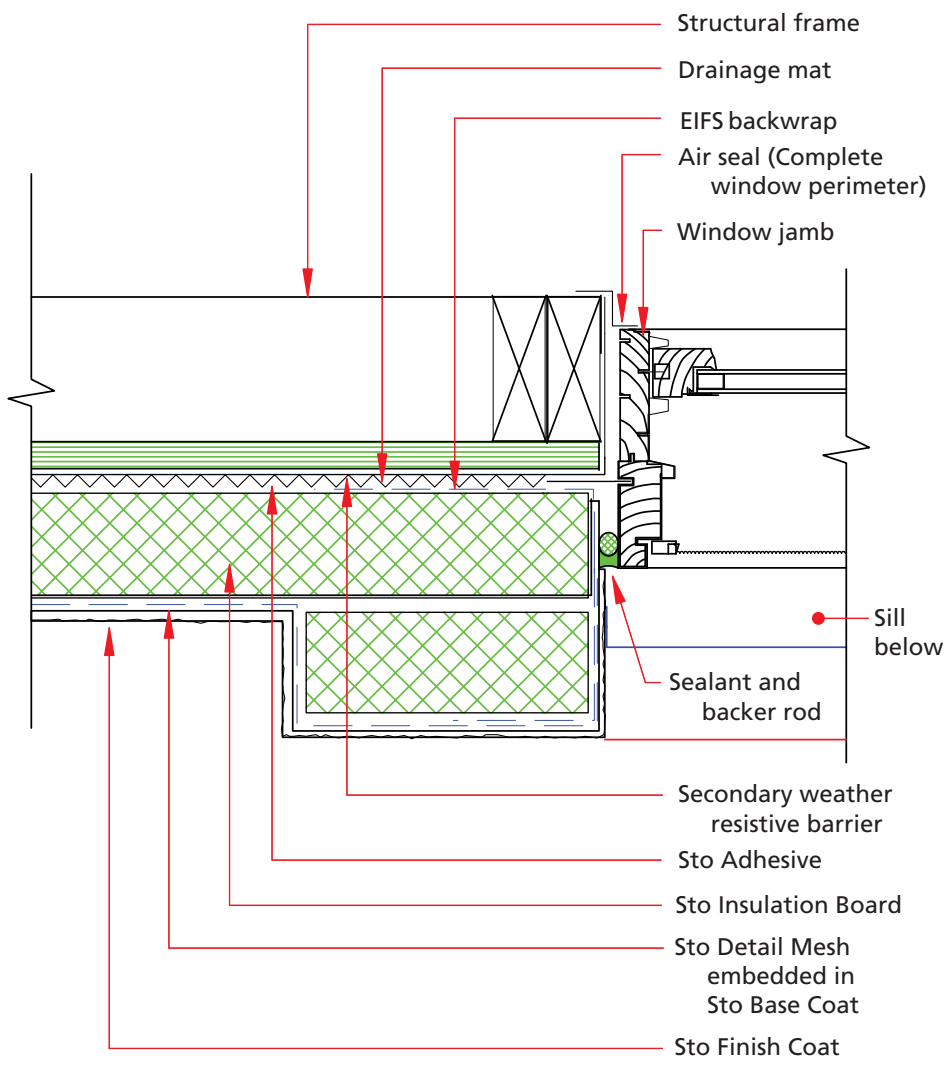
StoTherm™ Rainscreen II
Window Jamb with EIFS Trim
(Window with Nailing Flange)

Detail No.: 8.22B

Date: October 2007



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).

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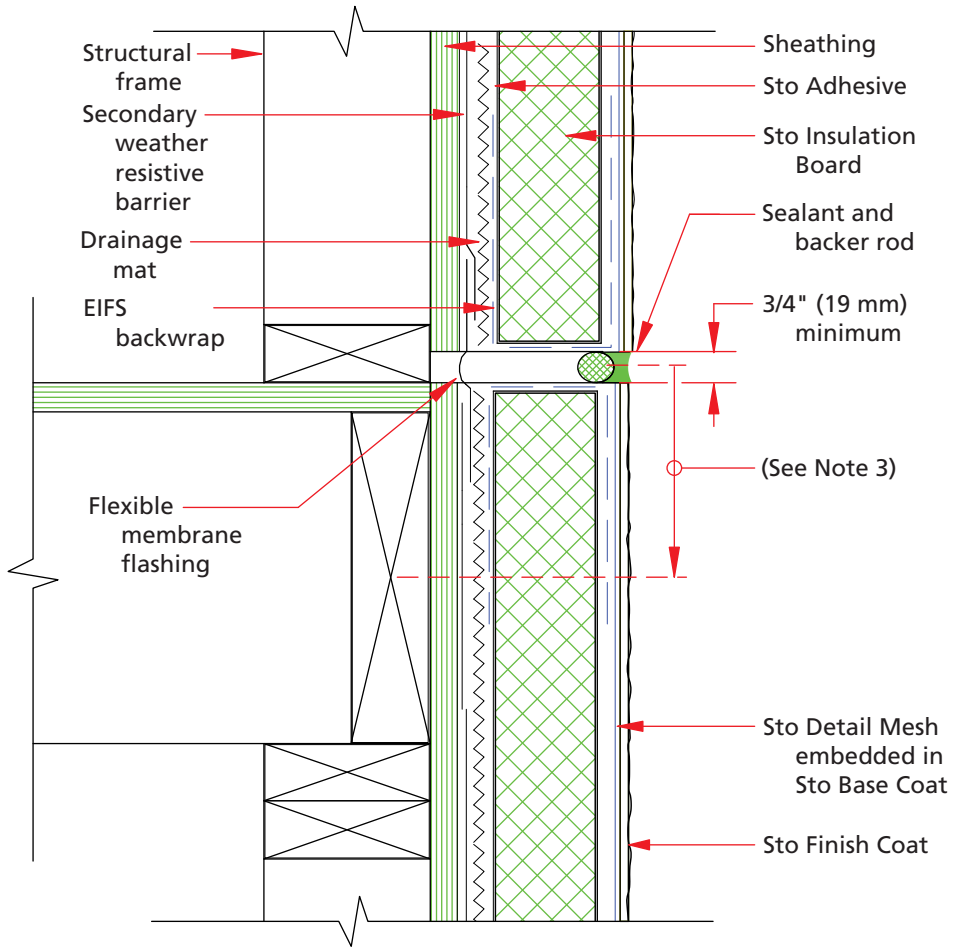
StoTherm™ Rainscreen II
Expansion Joint at Floorline

Detail No.: 8.30

Date: October 2007



Notes:

1. Similar joint required at attic floor line along gable end walls.
2. Gap wood sheathing edge and end joints in accordance with APA (American Plywood Association) recommendations. Gap at expansion joint the same dimension as the joint.
3. Locate expansion joint no lower than centerline of end joist.
4. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).
5. Secondary weather resistive barrier continuous at expansion joint.

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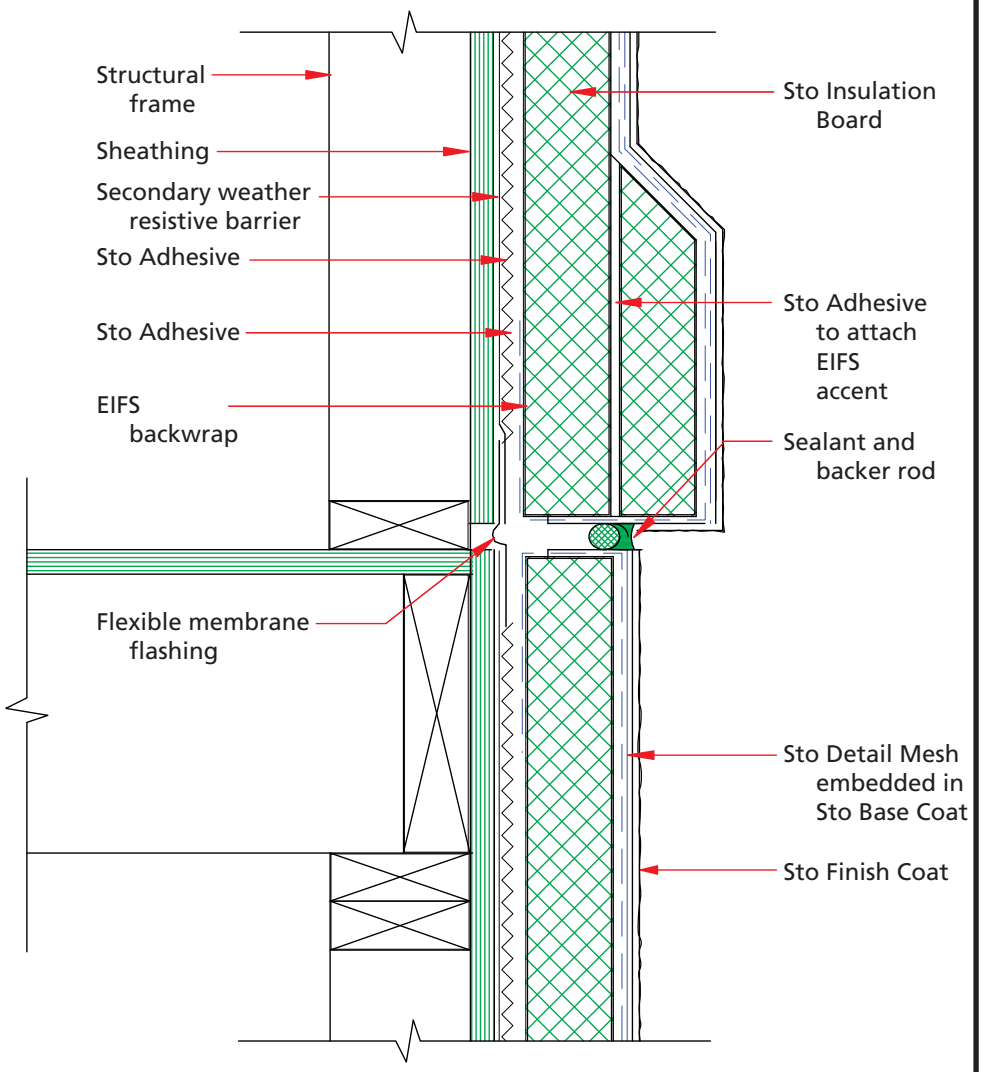
StoTherm™ Rainscreen II
Expansion Joint at Floorline with EIFS Accent Board

Detail No.: 8.31

Date: October 2007



Notes:

1. Provide minimum 3/4" (19 mm) sealant joint width.
2. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).
3. StoTherm trim slope minimum 1:2 (27 degrees).

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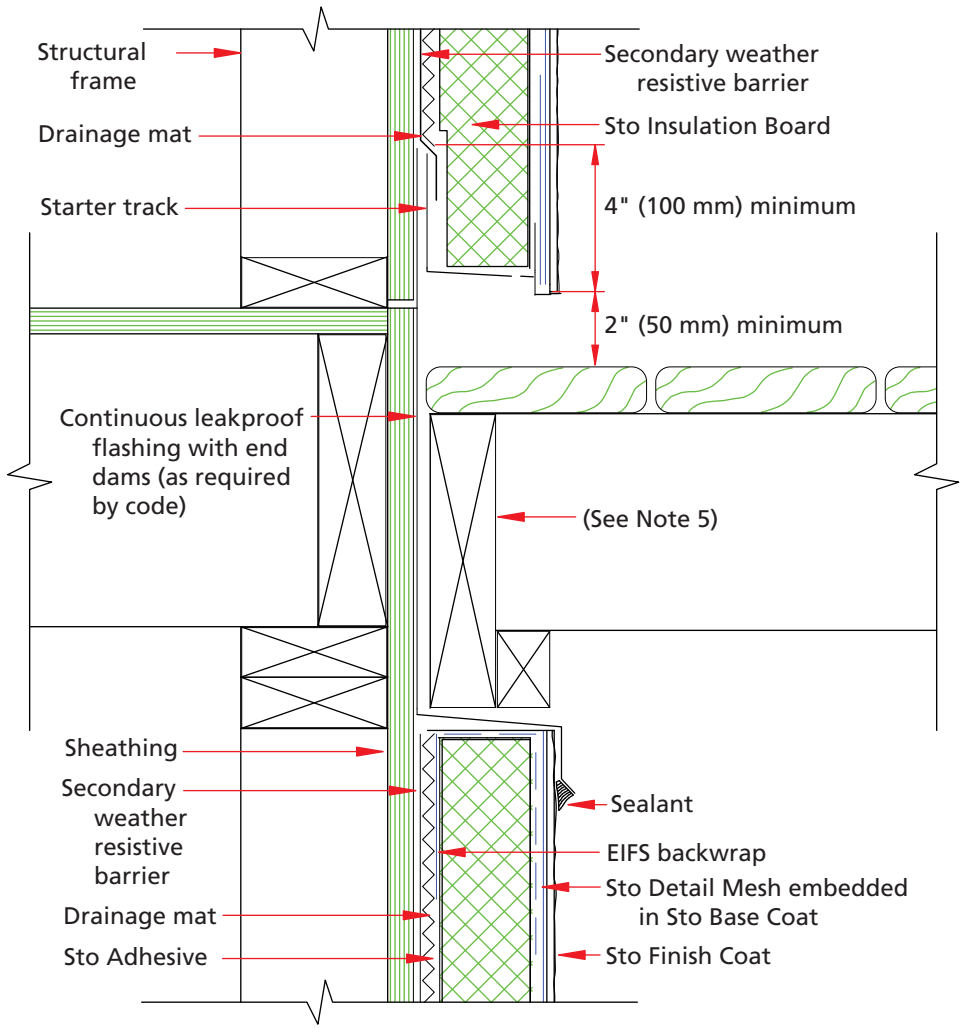
StoTherm™ Rainscreen II
Wood Deck Connection

Detail No.: 8.32

Date: October 2007



Notes:

1. Gap wood sheathing edge and end joints in accordance with APA (American Plywood Association) recommendations.
2. Seal penetrations through flashing where attached to framing.
3. Distance of EIFS to deck varies with climate. Allow sufficient distance to prevent snow/ice and puddling water against system.
4. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).
5. Pressure treated wood (space from flashing or route backside to provide drainage).

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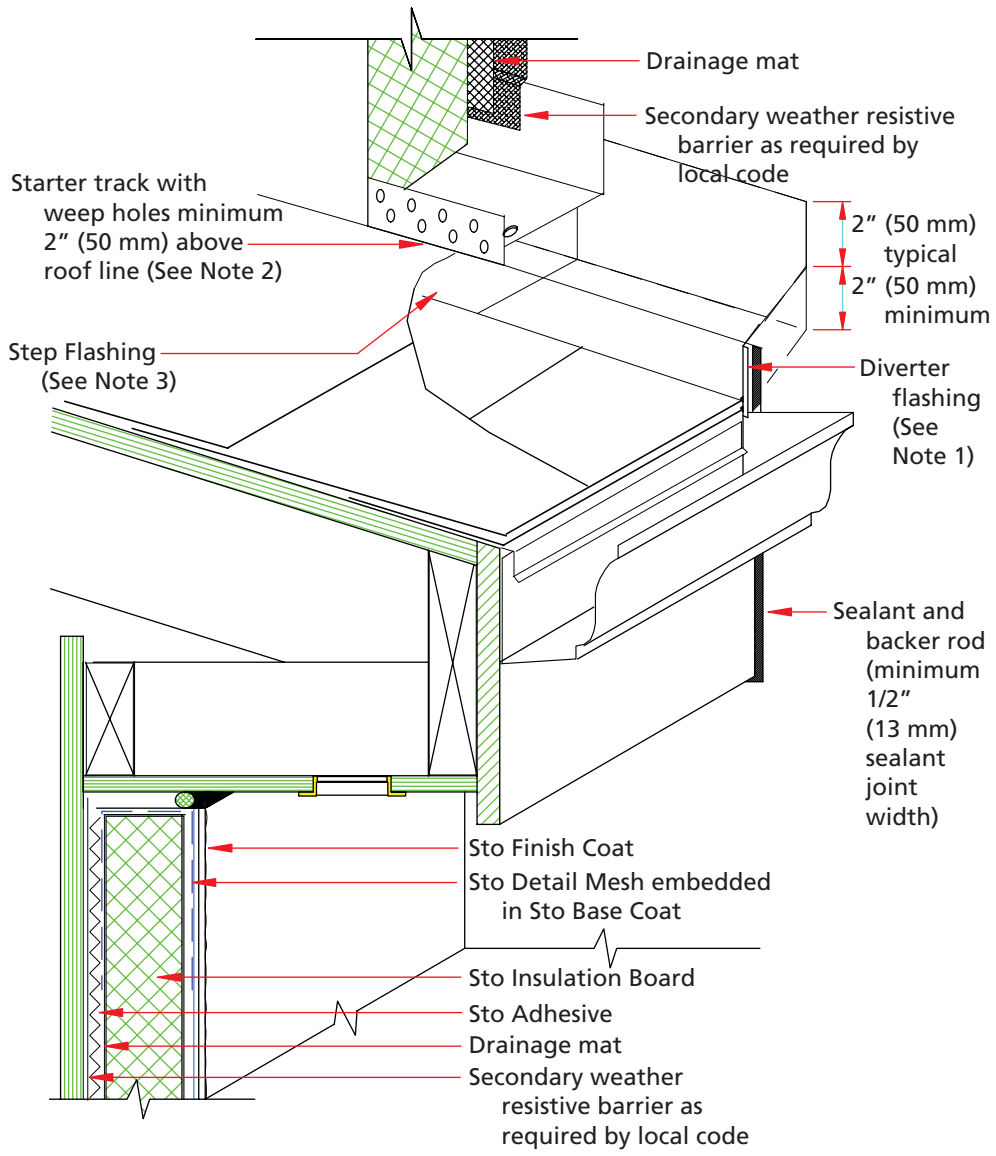
StoTherm™ Rainscreen II
Eave and Flashing at Roof/Wall Intersection

Detail No.: 8.62

Date: October 2007



Notes:

1. Provide leakproof flashing (as required by code) to prevent water from draining into wall.
2. Drill several, evenly spaced weep holes in the base of the starter track within 1" (25 mm) of the termination at the diverter flashing to allow for complete drainage.

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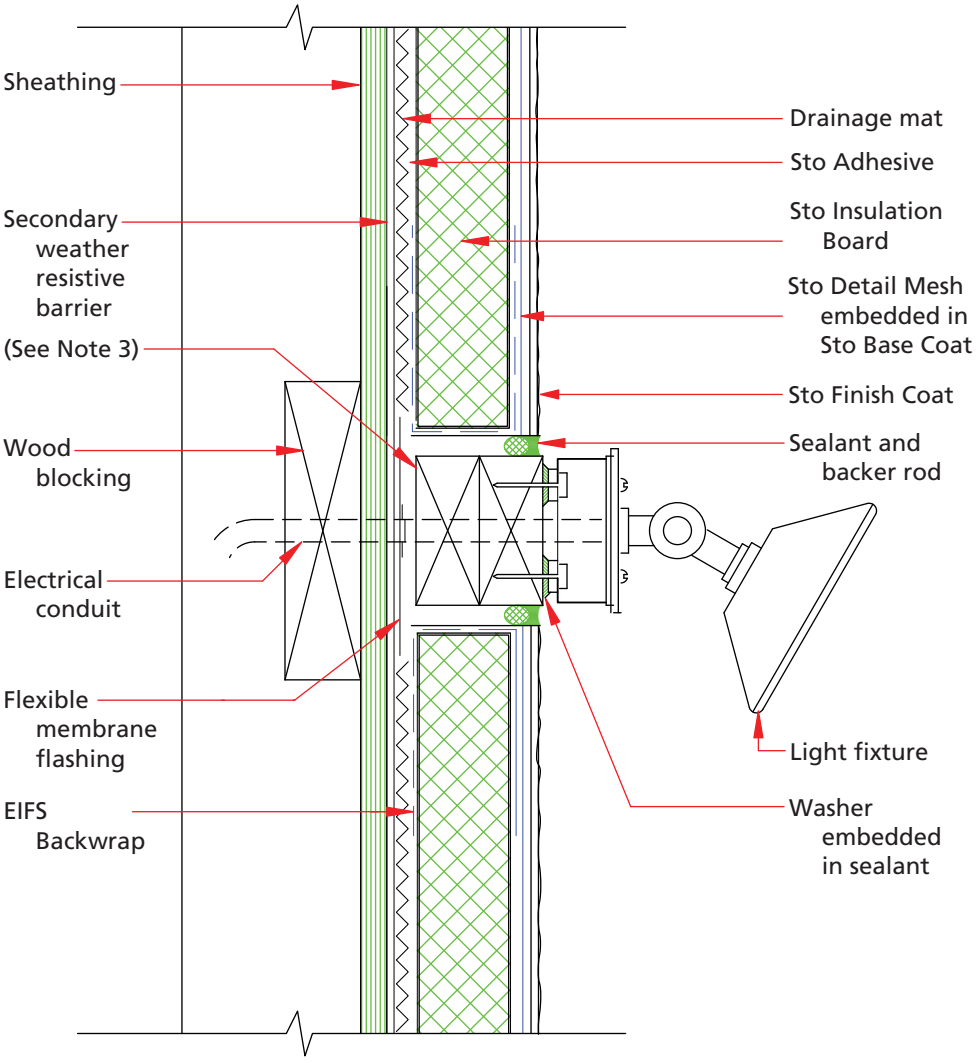
StoTherm™ Rainscreen II
Surface Mount Fixture
Penetration through the System

Detail No.: 8.71

Date: October 2007



Notes:

1. Provide minimum 1/2" (13 mm) sealant joint width.
2. Flexible membrane flashing to be installed around electrical conduit.
3. Pressure treated wood (space from flashing or route back side to provide drainage).
4. Secondary weather resistive barrier as required by local code, (e.g., Southern Building Code, minimum one layer Type 15 felt, waterproof building paper or equivalent).

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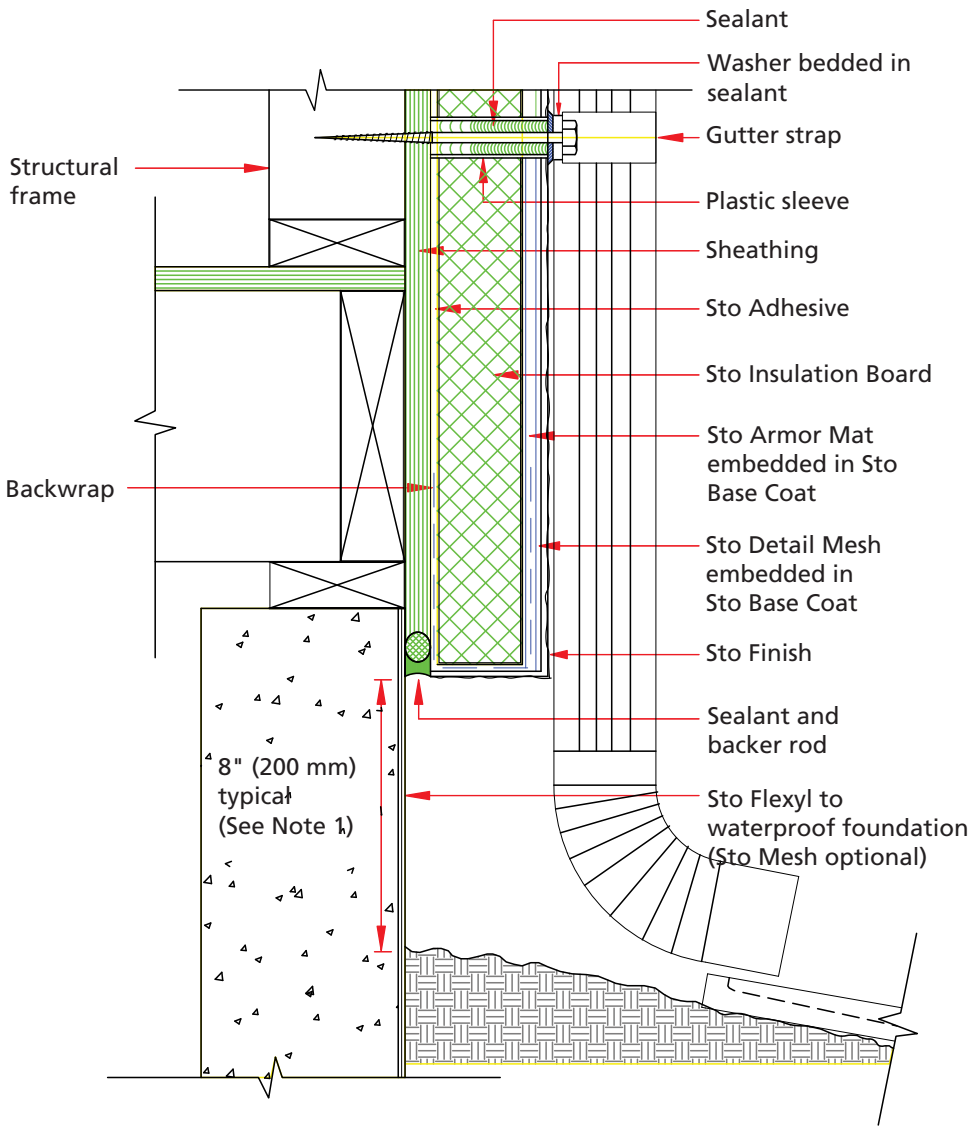
StoTherm™ Rainscreen II
Downspout Attachment

Detail No.: 8.72

Date: October 2007



Notes:

1. Distance to grade varies with climate. Allow sufficient distance to prevent snow/ice and puddling water against system.

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