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Sto Therm® ci
System Components

Notes:
1. Sto Therm ci System Components:
   - Sto Guard Air and Moisture Barrier
   - Sto Adhesive
   - Sto EPS Insulation Board
   - Sto Mesh
   - Sto Primer (optional)
   - Sto Base Coat
   - Sto Finish

   - Refer to Sto Therm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

   - Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

   - Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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StoTherm® ci
System Components: Ultra-High Impact Resistance

Notes:
1. StoTherm ci System Components:
   - StoGuard air and Moisture Barrier
   - Sto Adhesive
   - Sto EPS Insulation Board
   - Sto Armor Mat XX
   - Sto Mesh
   - Sto Primer (optional)
   - Sto Base Coat
   - Sto Finish

2. Ultra-high impact resistance recommended at all ground floors to a minimum height of 6'-0" (1.8 m) above finished grade and other areas accessible to pedestrian traffic, abnormal stress or impact.

  - Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

  - Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

  - Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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www.stocorp.com
StoTherm® ci with Sto IMPACT
System Components

Light Gauge Steel Stud Framing
Sheathing
StoGuard® Air and Moisture Barrier
Sheathing Joint Treatment
StoGuard® Air and Moisture Barrier
Sto Adhesive
Sto Base Coat with Sto Mesh (embedded)
Sto Finish
Sto Armat Classic Plus
Fortification Layer with Sto Mesh
Sto EPS ProD or Sto GPS
ProD

Notes:
1. StoTherm ci Components:
   - StoGuard Air and Moisture Barrier
   - Sto Adhesive
   - Sto EPS ProD or Sto GPS ProD Insulation Board
   - Sto Base Coat embedded with Sto Mesh
   - Sto Armat Classic Plus Fortification Layer embedded with Sto Mesh
   - Sto Finish

2. Sto Armat Classic Plus Fortification Layer improves the impact resistance of the entire cladding assembly from blunt impact and from repetitive and concentrated impacts (e.g. bird strikes)

   - Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

   - Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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**StoTherm® ci**

**Termination at Grade - Sheathing Flush with Foundation or Slab Edge**

**Notes:**

1. Terminate system minimum 6" (15.2 cm) above finished grade, higher for areas with heavy snow accumulations, or where required by code.

2. Ultra-high impact resistance recommended at all ground floors to a minimum height of 6'-0" (1.8 m) above finished grade and other areas accessible to pedestrian traffic, abnormal stress or impact.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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StoTherm® ci
Termination at Grade - Sheathing Overlapping Slab or Foundation

Sto Base Coat
(with Sto Mesh Embedded)

Light Gauge Steel Stud Framing

StoGuard® Air and Moisture Barrier

Sheathing

Sto Adhesive

Sto EPS Insulation Board, Pre-Wrapped

StoGuard® Air and Moisture Barrier Detail Component

Flashing, Sloped

Sto Mesh

Sto Primer (Optional)

Sto Finish

Terminate Assembly 6” (152 mm) Above Grade, min.

Backer Rod & Sealant w/ Weep Holes

StoGuard® Transition Membrane Embedded in StoGuard® Air and Moisture Barrier (Protect with StoCoat Acryl Plus or Flashing)

Notes:

1. Terminate system minimum 6” (15.2 cm) above finished grade, higher for areas with heavy snow accumulations, or where required by code.

2. Ultra-high impact resistance recommended at all ground floors to a minimum height of 6'-0" (1.8 m) above finished grade and other areas accessible to pedestrian traffic, abnormal stress or impact.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

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StoTherm® ci
Aesthetic Feature Band

Notes:
1. Feature band attached with Sto TurboStick Adhesive, also used as filler and rasped smooth at any gaps between feature band and base layer of insulation board.
2. Slope top surface of feature band minimum 27 degrees. Increase slope for northern climates to prevent snow and ice accumulations.
3. Limit thickness of build-out to reduce maintenance associated with projecting architectural features.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.
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www.stocorp.com
StoTherm® ci
Aesthetic Reveal

Detail No.: 52s.05
Date: December 2018

Notes:

1. Slope bottom surface of reveal minimum 27 degrees. Increase slope for northern climates to prevent snow and ice accumulations.

2. Maintain minimum 3/4 inch (19 mm) thickness of insulation board at base of reveal.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

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**StoTherm® ci**  
**Receptor-Type Window Sill**

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**Notes:**

1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

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**www.stocorp.com**
StoTherm® ci
Receptor-Type Window Sill

Sheathing
Light Gauge Steel
Stud Framing
StoGuard® Air and Moisture Barrier Rough Opening Protection
Sto EPS Insulation Board, Pre-Wrapped
Sto TurboStick Adhesive (Fill Gap Between EPS Boards at Corner with this Adhesive, Cut Flush with Surface and Rasp Smooth)
End Dam Set in Sealant
Sill Receptor w/ Weep Holes (Sill Flashing Extender Not Shown for Clarity)
Angle (As Needed for Attachment of Sill Receptor and Support)
StoGuard® Air and Moisture Barrier Rough Opening Protection
Blocking

Weep Holes
Sto EPS Insulation Board, Pre-Wrapped around Rough Opening
StoGuard® Air and Moisture Barrier

Step 2 - Receptor with End Dam

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Notes:
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StoTherm® ci
Receptor-Type Window Sill

**Step 3 - Window and Sill Flashing, Cladding, and Perimeter Weather and Air Seals**

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**Step 1 - Rough Opening Protection, Head Flashing**

**StoGuard® Air and Moisture Barrier Detail Component**

1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.

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Step 2 - Receptor and Window

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Notes:

1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

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StoTherm® ci
Receptor-Type Window Head

Detail No.: 52s.23B-3
Date: December 2018

Notes:
1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.

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- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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Step 3 - Cladding and Perimeter Weather and Air Seals

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StoTherm® ci
Flanged Window-Sill

Step 1 - Rough Opening Protection, Sill Flashing

Notes:
1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
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**StoTherm® ci**
Flanged Window-Sill

**Detail No.: 52s.24A-2**
Date: December 2018

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**Step 2 - Window and Trim**

- **Sealant Behind Mounting Flange (Jambs and Head Only)**
- **Sto Adhesive**
- **Light Gauge Steel Stud Framing**
- **StoGuard® Air and Moisture Barrier Rough Opening Protection**
- **Spray Polyurethane Foam Insulation**
- **Window Assembly**
- **Spray Polyurethane Foam Insulation**
- **1/8" (3 mm) Thick Washers Behind Mounting Flange**
- **StoGuard® Air and Moisture Barrier Rough Opening Protection**
- **StoGuard® Detail Component Sheathing**
- **Flashing StoGuard® Air and Moisture Barrier**
- **Sto EPS Insulation Board, Pre-Wrapped Around Opening (Cut Kerf in Back of Insulation and Slide over End Dam. Position insulation over Flashing with 1/4" [6 mm] Gap for Drainage)**

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**Notes:**

1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
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StoTherm® ci
Flanged Window-Sill

Sealant Behind Mounting Flange (Jamb and Head Only)

Light Gauge Steel Stud Framing
StoGuard® Air and Moisture Barrier Rough Opening Protection
Sto EPS Insulation Board, Pre-Wrapped Around Opening

Spray Polyurethane Foam Insulation
Air Seal, Backer Rod & Sealant (Air Seal Entire Perimeter)

Spray Polyurethane Foam Insulation
Air Seal, Backer Rod & Sealant (Air Seal Entire Perimeter)

Step 3 - Cladding and Perimeter Weather and Air Seals

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Notes:
1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
   - Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
   - Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.
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**Step 1 - Rough Opening Protection, Head Flashing**

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**Notes:**

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Step 2 - Window and Trim

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Sto Therm® ci
Flanged Window-Head

Notes:

1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.

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- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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**StoTherm® ci**  
**Flanged Window-Head**

**Notes:**

1. Consult with window and sealant manufacturers to verify window installation and detailing and to assure no water leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assembly thermal breaks to avoid condensation. Test the final assembly using materials and trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.

2. Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.

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**Step 3 - Cladding and Perimeter Weather and Air Seals**

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StoTherm® ci
Soffit: Insulated and Unvented

Notes:
1. Continue StoGuard air and moisture barrier onto dissimilar material or construction where required after verifying substrate material compatibility. Refer to Sto Detail 52s.53 for typical detailing of inside corner if substrate material or construction is dissimilar. Refer to Sto Detail 52s.54A if substrate material is similar at inside corner.

2. 4" (10 cm) thick insulation board typically required for proper lap of accessory with mesh "tail." For thinner sections of insulation board pre-wrap insulation board with Sto base coat and mesh.

3. Multi-story buildings where construction is required to be Noncombustible may require special examination of soffit conditions with foam plastic insulation. Verify with professional fire protection engineer and building code official.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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1. Prevent "communication" of vented air space with conditioned interior air to reduce the likelihood of condensation on materials in the vented space.


- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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StoTherm® ci
Floor Line Without Deflection

Notes:
1. This detail is typically limited to low-rise construction where no floor line deflection is anticipated. Refer to Sto Detail 52s.41A, B, or C for a floor line condition with deflection.

2. Sheathing attachment is typically at 8” (20.3 cm) on center or less vertically. Add C-channels or other attachment means along slab edge if necessary to conform with required fastener spacing.

3. Provide fire stopping at floor line as needed.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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StoTherm® ci
Floor Line With Deflection - Concealed Flashing and Drainage at Floor Line

Sto Adhesive
Sheathing
StoGuard® Air and Moisture Barrier Sheathing Joint Treatment
Sto Mesh
StoGuard® Air and Moisture Barrier
StoGuard® Transition Membrane
Backer Rod
Structure
Slotted Deflection Track
Cant Bead of Sto RapidGuard

Sto Finish
Sto Primer (Optional)
Sto Base Coat (with Sto Mesh Embedded)
Horizontal Deflection Joint: Backer Rod & Sealant w/ Weeps. Sealant Applied to Base Coat as per Sealant Manufacturer Instructions
Sto EPS Insulation Board, Pre-Wrapped @ Top and Bottom to Allow for Drainage

Notes:
1. Sheathing attachment is typically at 8” (20.3 cm) on center or less vertically. Add C-channels or other attachment means along slab edge if necessary to conform with required fastener spacing.
2. Provide fire stopping at floor line as needed.
- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable ICC Reports for building code compliance information.
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StoTherm® ci
Floor Line With Deflection - No Drainage at Floor Line

Sto Adhesive
Sheathing
StoGuard® Air and Moisture Barrier Sheathing Joint Treatment
Sto Mesh
StoGuard® Air and Moisture Barrier
StoGuard® Transition Membrane
Backer Rod
Structure
Sto EPS Insulation Board, Pre-Wrapped @ Top and Bottom to Allow for Drainage
Sto Finish
Sto Primer (Optional)
Sto Base Coat (with Sto Mesh Embedded)
Horizontal Deflection Joint: Backer Rod & Sealant. Sealant Applied to Base Coat as per Sealant Manuf’r Instructions

Notes:
1. Sheathing attachment is typically at 8” (20.3 cm) on center or less vertically. Add C-channels or other attachment means along slab edge if necessary to conform with required fastener spacing.

2. Provide fire stopping at floor line as needed.

3. Provide drainage at floor lines as deemed by Design Professional, typically no more than every third floor line. Refer to Sto Detail 52s.41A.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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StoTherm® ci
Floor Line With Deflection - Flashing and Drainage at Floor Line

Notes:
1. Sheathing attachment is typically at 8” (20.3 cm) on center or less vertically. Add C-channels or other attachment means along slab edge if necessary to conform with required fastener spacing.
2. Provide fire stopping at floor line as needed.

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- Refer to applicable ICC reports for building code compliance information.
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**StoTherm® ci**  
**Balcony Floor/Wall**

**Notes:**
1. Detail applies to Balcony Protected Overhead by Balcony Ceiling Above.
2. Slope balcony to direct water away from wall.
3. Consider the use of high or ultra-high reinforcing meshes on balcony walls to supplement standard reinforcing mesh for added abuse and impact resistance.
4. Verify compatibility of StoGuard Air and Moisture Barrier with balcony waterproof membrane material where they interface or lap one another.
5. Counter flash balcony membrane on wall if not fluid applied.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
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**StoTherm® ci**
Balcony Ceiling/Wall

**Detail No.: 52s.42B**
Date: December 2018

**Notes:**

1. Detail applies to Balcony Protected by Balcony Ceiling Above.

2. Underside of balcony may also be finished with Sto Finish or other Sto smooth or textured coatings.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

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StoTherm® ci
Horizontal Termination at Dissimilar Cladding

Detail No.: 52s.50
Date: December 2018

Notes:
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StoTherm® ci
Vertical Termination at Dissimilar Cladding

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StoTherm® ci
Vertical Termination at Dissimilar Backup Wall Construction

Notes:
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StoTherm® ci
Vertical Expansion Joint in Back-Up Wall

Notes:
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StoGuard® Transition Membrane Embedded in StoGuard® Air and Moisture Barrier

Sto Adhesive

Light Gauge Steel Stud Framing
Sheathing
StoGuard® Air and Moisture Barrier
Sto Primer (Optional)
Sto Mesh
Sto Base Coat (with Sto Mesh Embedded)
Sealant and Backer Rod
Sto Finish
Sto EPS Insulation Board, Back-Wrapped or Pre-Wrapped at Termination

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StoTherm® ci
Vertical Expansion Joint in Back-Up Wall, StoTherm ci and Dissimilar Cladding

Notes:
- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
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StoTherm® ci
Inside Corner with Dissimilar Backup Wall

Notes:
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StoTherm® ci
Inside and Outside Corner with Common Substrate
and StoMesh Corner Bead Reinforcement

Sto Adhesive
Sto EPS Insulation Board
StoGuard® Air and Moisture Barrier
Sto-Mesh Corner Bead Standard
(Embedded in Sto Base Coat)
Sto Base Coat (with Sto Mesh Embedded)
Sto Primer (Optional)
Sto Finish
Return Sto Mesh 6 in. min. @ Inside Corner
StoMesh, (Overlap StoMesh Corner Bead 4 in. ea. Side, min.)
StoGuard® Joint Treatment
Light Gauge Steel Stud Framing
Sheathing

Notes:
1. Provide joint at interior corner if movement is anticipated. Refer to Sto Detail 52s.53.
   - Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
   - Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.
   - Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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www.stocorp.com
StoTherm® ci
Inside and Outside Corner with Common Substrate and Sto Mesh Reinforcement

Notes:
1. Provide joint at interior corner if movement is anticipated. Refer to Sto Detail 52s.53.
   - Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
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StoTherm® ci
Termination at Parapet - Front

Notes:
- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
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**StoTherm® ci**
Parapet with Cornice Feature

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**Wood Construction as Required**
**StoGuard® Transition Membrane**
- **Embed in StoGuard® Air and Moisture Barrier** (or Compatible Roofing Membrane)

**Metal Coping**
**Backer Rod and Sealant**
**Pre-Wrapped Cornice**
**Sto Primer (Optional)**
**Sto Base Coat (with Sto Mesh Embedded)**
**Sto Finish**
**Sto Mesh**

**Light Gauge Steel Stud Framing**

**StoGuard® Air and Moisture Barrier Sheathing Joint Treatment**
- **Extends 2 in. (51 mm) min. at Vertical and Horizontal Surfaces**
- **1/2 in. (13 mm) min. Gap Between Top Surface of Cornice Feature and Underside of Wood Construction**
- **Sto EPS Insulation Board, Back-Wrapped or Pre-Wrapped at Termination**
- **StoGuard® Air and Moisture Barrier Sheathing**

**StoGuard® Air and Moisture Barrier**
**Sheathing Joint**
**Treatment**

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**Notes:**
1. Cornice feature limited to 12" (30.5 cm) maximum thickness for noncombustible type construction. Special analysis with regard to fire propagation may enable thicker sections. Thicker sections permitted within practical limits for combustible construction.

2. Cornice feature attached with Sto TurboStick Adhesive; also used as filler and rasped smooth at any gaps between feature band and base layer of insulation board.

3. Cornice feature may also be attached directly to StoGuard where applicable.

4. Supplemental mechanical attachment of feature band maybe necessary in some cases. Verify installation method for adequate attachment before commencing work.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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**www.stocorp.com**
StoTherm® ci
Diverter Flashing at Roof/Wall Abutment

Notes:
1. Maintain minimum 2" (51 mm) gap between roof shingles and StoTherm ci termination. Increase gap for low slope roofs to prevent snow and ice accumulations.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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**Sto Therm® ci**

**Gravel Stop**

**Notes:**
- Refer to Sto Therm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.
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**Detail No.: 52s.63**

**Date: December 2018**
StoTherm® ci
Saddle Flashing at Lower/Higher Wall Abutment

**Step 1 - Air and Moisture Barrier**

**Notes:**

1. Provide minimum 2” (51 mm) gap between parapet cap flashing and StoTherm ci termination.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.
StoTherm® ci
Saddle Flashing at Lower/Higher Wall Abutment

Notes:
1. Provide minimum 2” (51 mm) gap between parapet cap flashing and StoTherm ci termination.
   - Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
   - Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.
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**StoTherm® ci**
Saddle Flashing at Lower/Higher Wall Abutment

**Step 3 - Cladding, Coping, and Sealant**

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**Notes:**

1. Provide minimum 2" (51 mm) gap between parapet cap flashing and StoTherm ci termination.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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StoTherm® ci
Scupper Penetration

Sheathing
Light Gauge Steel Stud Framing

StoGuard® Air and Moisture Barrier Detail Component
Wood Blocking
Roof Membrane
Roof Insulation

Sto Adhesive
StoGuard® Air and Moisture Barrier
Sto Base Coat (with Sto Mesh Embedded)
Sto Mesh
Sto Primer (Optional)

Sto Finish
Scupper Assembly
Backer Rod & Sealant

Sto EPS Insulation Board, Back-Wrapped Around Scupper Penetration

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Detail No.: 52s.65
Date: December 2018

Notes:
- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.
- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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StoTherm® ci
Pipe Penetration - Precision Cut Sheathing

Notes:
1. Refer to Sto Detail 52s.70B where sheathing is “rough cut” around pipe or where gap around pipe exceeds allowable gap dimension for StoGuard Air and Moisture Barrier Detail Component.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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StoTherm® ci
Pipe Penetration - Rough Cut Sheathing

Notes:
1. Appropriate spray foam is used to fill gaps in sheathing. Where sheathing fits snug around pipe refer to Sto Detail 52s.70A.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

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StoTherm® ci
Sign Attachment

StoAdhesive
Light Gauge Steel
Stud Framing
Sheathing

StoGuard® Air and
Moisture Barrier
Sto EPS Insulation
Board

Sto Base Coat (with
Sto Mesh Embedded)

Sto Mesh

Sto Primer (Optional)

Sto Finish

Washer Behind
Sign Set in Sealant

Sign

Wood Blocking
Hole Drilled in EIFS and
Lined with Sealant

Neutral Cure Sealant

PVC or Stainless Steel Sleeve
(Sleeve Extends From Finish Through
Blocking, Shown Partial Length for Clarity)

Bolt w/ Washers
at Each End

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Notes:

1. Blocking not required where solid substrate or wood-based sheathing is capable of supporting the sign (or other attached object). Use appropriate fasteners for attachment.

- Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.

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Detail No.: 52s.71
Date: December 2018

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**StoTherm® ci**  
**Fixture Attachment**

**Notes:**

1. Attach fixture to blocking or solid substrate. Where attached to blocking seal the blocking with Sto Detail Component.

   - Refer to StoTherm ci System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.

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