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StoTherm® ci
System Components

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

   - 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
System Components: Ultra-High Impact Resistance

Notes:
1. StoTherm ci System Components:
   - StoGuard air and Moisture Barrier
   - Sto Adhesive
   - Sto EPS or Sto GPS 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.

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

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**StoTherm® ci**
Aesthetic Feature Band

**Detail No.: 52s.04**
**Date: November 2015**

**Notes:**

1. Feature band attached with Sto TurboStick Adhesive, also used as filler and rased 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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StoTherm® ci
Aesthetic Reveal

Sto Adhesive
Sto Base Coat (with Sto Mesh Embedded)
Sto Mesh
Sto EPS Insulation Board
StoGuard® Air and Moisture Barrier
3/4" (19 mm) min.
Sheathing
2 1/2" (64 mm) min.
Overlap of Sto Detail Mesh w/ Sto Mesh @ Top and Bottom of Reveal
Sto Detail Mesh

Option 1 with Sto Detail Mesh

Sto Adhesive
Sto Base Coat (with Sto Mesh Embedded)
Sto Mesh
Sto EPS Insulation Board
StoGuard® Air and Moisture Barrier
3/4" (19 mm) min.
Sheathing

Option 2 with Continuous Sto Mesh

Sto Primer (Optional)
Sto Base Coat (with Sto Detail Mesh Embedded)
Sto Finish

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

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

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

Detail No.: 52s.23A-1
Date: November 2015

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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StoTherm® ci
Receptor-Type Window Sill

Step 2 - Receptor with End Dam

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

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
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StoTherm® ci
Receptor-Type Window Sill

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

Step 1 - Rough Opening Protection, Head 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
Receptor-Type Window Head

**Step 2 - Receptor and Window**

- 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, Reinforce Top Corner with Sto Mesh or Sto Detail Mesh Embedded in Base Coat)
- StoGuard® Air and Moisture Barrier
- StoGuard® Air and Moisture Barrier Rough Opening Protection
- Sto Adhesive
- Spray Polyurethane Foam Insulation
- Head Receptor
- Window Assembly
- Cement Board Filler or Other Trim
- Flashing
- Jamb Receptor
- Light Gauge Steel Stud Framing
- Sheathing
- StoGuard® Air and Moisture Barrier
- StoGuard® Air and Moisture Barrier Rough Opening Protection

**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
Receptor-Type Window Head

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.

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StoTherm® ci
Flanged Window-Sill

Detail No.: 52s.24A-1
Date: November 2015

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 1 - Rough Opening Protection, Sill Flashing

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StoTherm® ci
Flanged Window-Sill

Step 2 - Window and Trim

Sealant Behind Mounting Flange (Jambs and Head Only)

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

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www.stocorp.com

Notes:

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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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**StoTherm® ci**
Flanged Window-Sill

**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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**Detail No.: 52s.24A-3**
**Date: November 2015**

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

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[StoTherm ci System Diagram]

www.stocorp.com

![QR Code]
StoTherm® ci
Flanged Window-Head

Step 1 - Rough Opening Protection, Head 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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   - Refer to applicable ICC or CMC Evaluation Reports for building code compliance information.

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StoTherm® ci
Flanged Window-Head

Detail No.: 52s.24B-2
Date: November 2015

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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StoTherm® ci
Flanged Window-Head

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www.stocorp.com

Step 3 - Cladding and Perimeter Weather and Air Seals

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.

IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.
StoTherm® ci
Soffit: Insulated and Unvented

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Sto products are primarily intended to be used on building exteriors. StoTherm ci is intended to be used on exterior walls, soffits and other exterior applications where high performance and long-term durability are required.

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.

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

www.stocorp.com
StoTherm® ci
Soffit: Uninsulated and Vented

Notes:
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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**IMPORTANT:** Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.
StoTherm® ci
Floor Line With Deflection - Concealed Flashing and Drainage at Floor Line

Detail No.: 52s.41A
Date: November 2015

Notes:
1. Sheathing attachment is typically at B" (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 or CCMC Evaluation Reports for building code compliance information.

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StoTherm® ci
Floor Line With Deflection - No 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.

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
Balcony Floor/Wall

Light Gauge Steel Stud Framing
Sheathing
StoGuard® Air and
Moisture Barrier
Sto Adhesive
Sto EPS Insulation Board, Pre-Wrapped
Sto Base Coat
(with Sto Mesh Embedded)

Sto Mesh
Sto Primer (Optional)
Sto Finish
Balcony Slab Recess
Balcony Waterproof Membrane and Finished Flooring

Backer Rod & Sealant w/ Weeps
Balcony
Cant and Air Seal Transition Material

Notes:

1. Detail applies to Balcony Protected Oversead 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.

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

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www.stocorp.com
**StoTherm® ci**
**Balcony Ceiling/Wall**

**Detail No.: 52s.42B**
**Date: November 2015**

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

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**IMPORTANT:** Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.
StoTherm® ci
Horizontal Termination at Dissimilar Cladding

Detail No.: 52s.50
Date: November 2015

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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StoTherm® ci
Vertical Termination at Dissimilar Cladding

**Light Gauge Steel Stud Framing**

**Sheathing**

**StoGuard® Air and Moisture Barrier**

**Masonry Veneer or Other Dissimilar Material**

**Sto Adhesive**

**Sto Base Coat (with Sto Mesh Embedded)**

**Sto Primer (Optional)**

**Sto Mesh**

**Sealant and Backer Rod**

**Sto Finish**

**Sto EPS Insulation Board, Back-Wrapped or Pre-Wrapped at Termination**

**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 CMC Evaluation Reports for building code compliance information.

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**Sto**

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**Detail No.: 52s.51A**
**Date: November 2015**
StoTherm® ci
Vertical Termination at Dissimilar Backup Wall Construction

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.

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www.stocorp.com
StoTherm® ci
Vertical Expansion Joint in Back-Up Wall

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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.

www.stocorp.com
StoTherm® ci
Vertical Expansion Joint in Back-Up Wall, StoTherm ci and Dissimilar Cladding

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

Light Gauge Steel Stud Framing

Sto EPS Insulation Board, Back-Wrapped or Pre-Wrapped at Termination

Sto Primer (Optional)

Sto Base Coat (with Sto Mesh Embedded)

Sto Mesh

Sto Finish

Masonry Veneer or Other Dissimilar Material

Sealant and Backer Rod

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.

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StoTherm® ci
Inside Corner with Dissimilar Backup Wall

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.

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

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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.

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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.
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StoTherm® ci
Termination at Parapet - Front

Metal Coping
StoGuard® Transition Membrane Embedded in StoGuard® Air and Moisture Barrier (or Compatible Roofing Membrane)
Wood Blocking
StoGuard® Detail Component
Roof Structure
Backer Rod & Sealant
Sto Finish
Sto Primer (Optional)
Sto Mesh
Sto Base Coat (with Sto Mesh Embedded)
Sto EPS Insulation Board, Back-Wrapped
Sto Adhesive
StoGuard® Air and Moisture Barrier
Sheathing
Light Gauge Steel Stud Framing

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- Refer to applicable ICC or CCMC Evaluation Reports for building code compliance information.
StoTherm® ci
Termination at Parapet - Back

StoGuard® Transition Membrane Embedded in StoGuard® Air and Moisture Barrier (or Compatible Roofing Membrane)
Wood Blocking
StoGuard® Detail Component
Sto Adhesive
StoGuard® Air and Moisture Barrier
Sheathing
StoGuard® Air and Moisture Barrier Detail Component
Z-Flashing
StoGuard® Detail Component
Sheathing
Wood Blocking
StoGuard® Air and Moisture Barrier
Insulation

Sto Mesh
Termination Bar for Roof Membrane
Backer Rod and Sealant
Metal Coping
Sto Finish
Sto Primer (Optional)
Sto Base Coat (with Sto Mesh Embedded)
Sto EPS Insulation Board, Pre-Wrapped
Roof Membrane
Cover Board
Roof Insulation
Roof Structure
Sto EPS Insulation Board, Pre-Wrapped
Termination Bar for Roof Membrane
Roof Membrane
Backer Rod and Sealant with Weep Holes

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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.

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StoTherm® ci
Parapet with Cornice Feature

Wood Construction as Required
StoGuard® Transition Membrane Embedded 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

Cornice Feature Pre-Wrapped with Sto Base Coat (with Sto Mesh Embedded)
Sto EPS Insulation Cornice Feature
Sto Mesh Embedded in Base Coat Laps Sto Mesh on Cornice 2 1/2 in. (64 mm) min.

View of Mesh Overlap
View of Pre-Wrapped Cornice

Note:
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.

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**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.

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StoTherm® ci
Gravel Stop

Notes:
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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.

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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.
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StoTherm® ci
Saddle Flashing at Lower/Higher Wall Abutment

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

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

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

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StoTherm® ci
Scupper Penetration

Detail No.: 52s.65
Date: November 2015

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.

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StoTherm® ci
Pipe Penetration - Precision Cut Sheathing

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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.

www.stocorp.com
StoTherm® ci
Pipe Penetration - Rough Cut Sheathing

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

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StoTherm® ci
Sign Attachment

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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.

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

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StoTherm® ci
Fixture Attachment

Detail No.: 52s.73
Date: November 2015

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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