

StoTherm®ci ProD XPS Frame Construction Series 55.xx August 2016

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.

ILDING proper

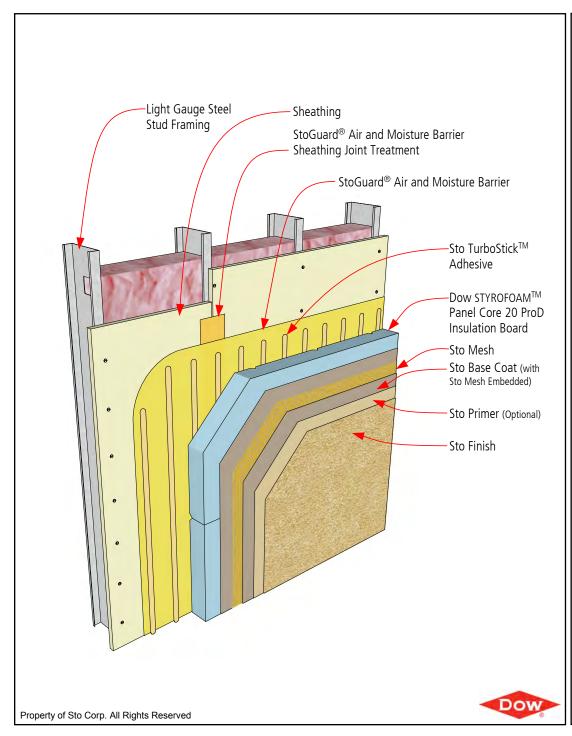
www.stocorp.com

STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME. For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, www.stocorp.com.

Property of Sto Corp. All Rights Reserved.



StoTherm® ci XPS ProD System Components



Notes:

1. StoTherm ci XPS ProD System Components:

Detail No.: 55s.00

Date: April 2016

- StoGuard Air and Moisture Barrier
- Sto Adhesive
- Dow STYROFOAM Panel Core 20 ProD Insulation Board
- Sto Mesh
- Sto Primer (optional)
- Sto Base Coat
- Sto Finish
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing for building code compliance information.

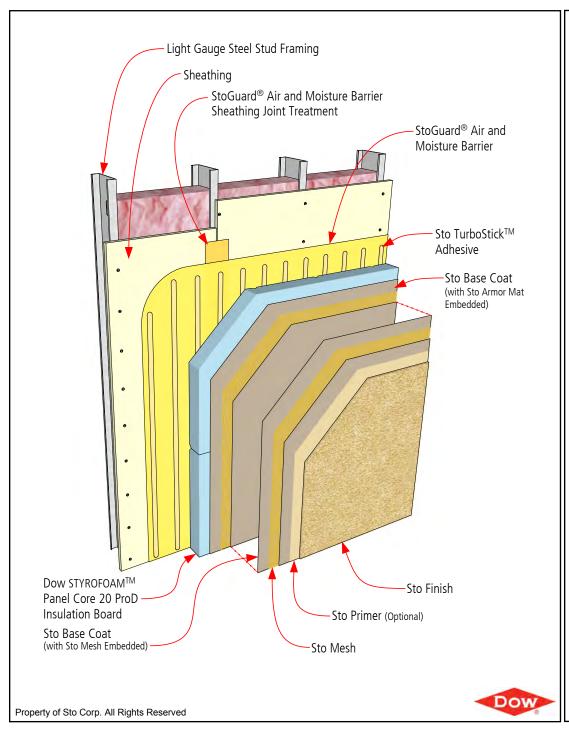
IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD System Components: Ultra-High Impact Resistance



Notes:

1.StoTherm ci XPS ProD System Components:

Detail No.: 55s.01

Date: April 2016

- StoGuard air and Moisture Barrier
- Sto Adhesive
- Dow STYROFOAM Panel Core 20 ProD 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 XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Termination at Grade -Sheathing Flush with Foundation or Slab Edge

Sto Base Coat (with Sto Mesh Embedded) Sto Mesh Dow STYROFOAMTM Panel Core-Sto Primer (Optional) 20 ProD Insulation Board Light Gauge Steel Stud Framing-Sto Finish StoGuard® Air and Moisture Barrier Sheathing-Sto TurboStickTM-Adhesive Dow STYROFOAMTM Panel Core 20 ProD Starter Board, Pre-Wrapped StoGuard® Air and Moisture Barrier Detail Component Flashing, Sloped Terminate Assembly 6" (152 mm) Above Grade, min. StoGuard® Transition Membrane Backer Rod & Sealant w/ Embedded in StoGuard® Air and Weep Holes Moisture Barrier (Protect with StoCoat Acryl Plus or Flashing) Dow Property of Sto Corp. All Rights Reserved

Notes:

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

Detail No.: 55s.03A

Date: April 2016

- 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 XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

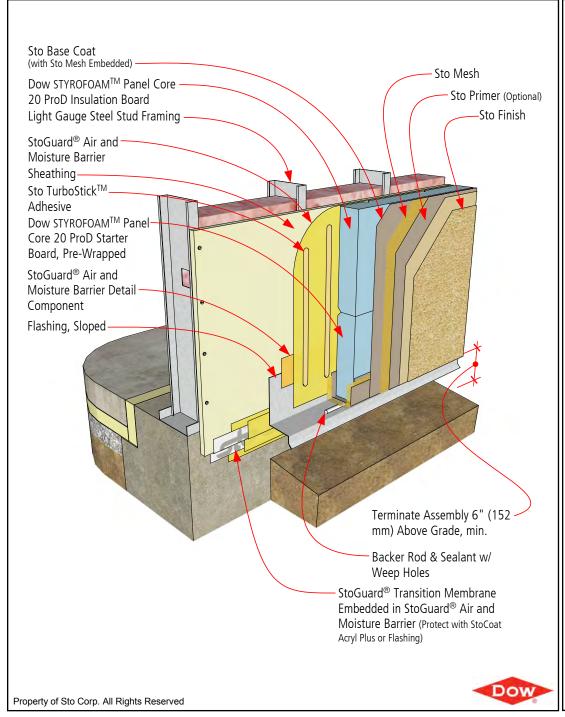
ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an

improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



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



Notes:

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

Detail No.: 55s.03B

Date: April 2016

- 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 XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing for building code compliance information.

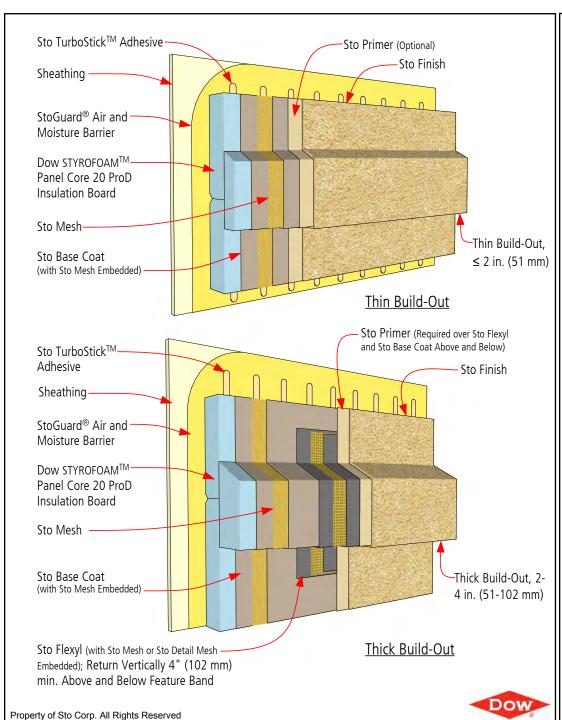
IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD 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.

Detail No.: 55s.04

Date: April 2016

- 2. Slope top surface of feature band minimum 27 degrees. Increase slope for northern climates to prevent snow and ice accuulations.
- 3. Limit thickness of buildout to reduce maintenance associated with projecting architectural features.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing for building code compliance information.

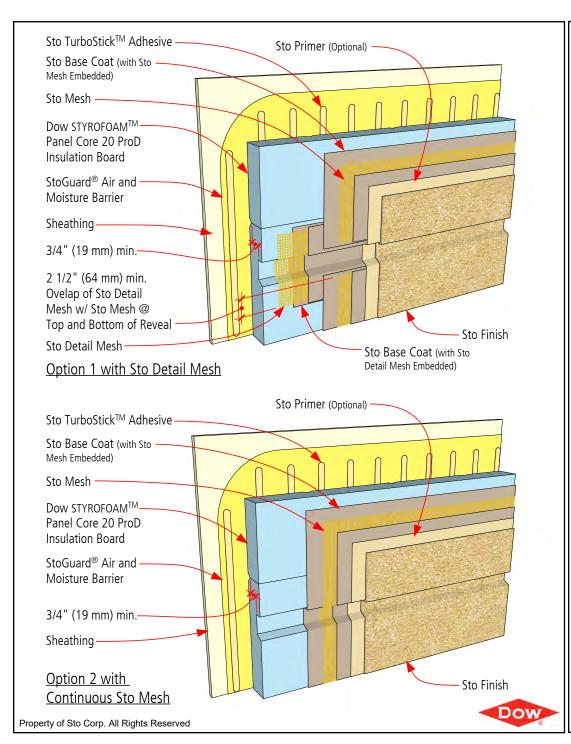
IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Aesthetic Reveal



Notes:

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

Detail No.: 55s.05

Date: April 2016

- 2. Maintain minimum 3/4 inch (19 mm) thickness of insulation board at base of reveal.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing for building code compliance information.

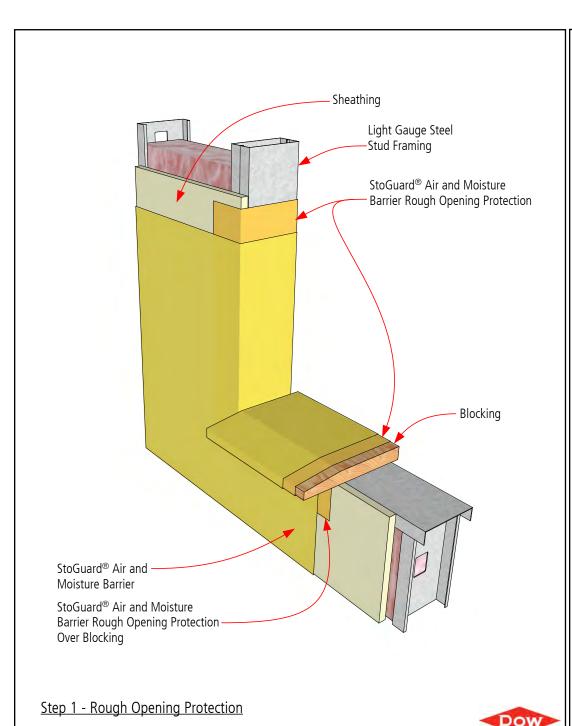
IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD 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.

Detail No.: 55s.23A-1

Date: April 2016

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD Receptor-Type Window Sill

Sheathing Light Gauge Steel Stud Framing Sto StoGuard® Air and Moisture TurboStickTM Barrier Rough Opening Protection Adhesive Dow STYROFOAMTM Panel Core 20 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 Dow STYROFOAMTM Panel Core 20 ProD Corner Board, Pre-Wrapped around Rough Opening StoGuard® Air and Moisture Barrier Step 2 - Receptor with End Dam

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.

Detail No.: 55s.23A-2

Date: April 2016

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

Dow

ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Receptor-Type Window Sill

Sheathing Light Gauge Steel Stud Framing StoGuard® Air and Moisture Sto Base Coat (with Sto Mesh Barrier Rough Opening Protection Embedded) Sto TurboStick[™] Adhesive Sto Mesh Dow STYROFOAMTM Panel Core 20 Insulation Board, Pre-Wrapped at Jamb Spray Polyurethane Foam Insulation Air Seal, Backer Rod & Sealant (Air Seal Entire Perimeter) Jamb Receptor Sto Primer (Optional) Window Assembly Sto Finish Angle (As Needed for Attachment of Sill Receptor and Support) Backer Rod StoGuard® Air and & Sealant Moisture Barrier Rough (Entire Opening Protection Perimeter) Blocking Sill Receptor w/-Weep Holes Sill Extender w/ Continuous Bead of Sealant @ Bottom Dow STYROFOAMTM Panel Core 20 ProD Corner Board, Pre-Wrapped around Rough Opening StoGuard® Air

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

Property of Sto Corp. All Rights Reserved

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.

Detail No.: 55s.23A-3

Date: April 2016

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

Dow

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Receptor-Type Window Head

Detail No.: 55s.23B-1 Date: April 2016

Light Gauge Steel Stud Framing StoGuard® Air and Moisture Sheathing Barrier Detail Component StoGuard® Air and Moisture Barrier StoGuard® Air and Moisture Barrier Rough Opening Protection Cement Board Filler or Other Trim Flashing StoGuard® Air and Moisture Barrier StoGuard® Air and Moisture Barrier Rough Opening Protection Step 1 - Rough Opening Protection, Head Flashing Dow Property of Sto Corp. All Rights Reserved

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 mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD Receptor-Type Window Head

Detail No.: 55s.23B-2 Date: April 2016

Light Gauge Steel Dow STYROFOAMTM Panel Core Stud Framing 20 ProD Corner Board, Pre-Sheathing Wrapped around Rough Opening StoGuard® Air and Moisture Barrier StoGuard® Air and Moisture Barrier Rough Opening Protection Spray Polyurethane Foam Insulation -Head Receptor -Window Assembly Cement Board Filler or Other Trim Flashing Jamb Receptor Dow STYROFOAMTM Panel Core 20 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) Sto TurboStickTM StoGuard® Air and Moisture Barrier Adhesive StoGuard® Air and Moisture Barrier Rough Opening Protection Step 2 - Receptor and Window Dow

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 mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD Receptor-Type Window Head

Detail No.: 55s.23B-3 Date: April 2016

Light Gauge Steel Stud Framing Dow STYROFOAMTM Panel Core 20-Sheathing ProD Corner Board, Pre-Wrapped around Rough Opening StoGuard® Air and Moisture Barrier Sto Finish-StoGuard® Air and Moisture Barrier Rough Opening Protection Spray Polyurethane Foam Insulation Jamb Air Seal, Backer Rod and Receptor Sealant (Air Seal Entire Perimeter) Head Receptor Sto Primer (Optional) Window Assembly Cement Board Filler or Other Trim (Finish Cement Bd. w/ StoCoat Acryl Plus) **Flashing** Backer Rod & Sealant Sto Mesh (Entire Perimeter, with Weeps at Head) Dow STYROFOAMTM Panel Core 20 Insulation Board, Pre-Wrapped Sto TurboStick Adhesive (Fill Gap Between Sto Base Coat EPS Boards at Corner with this Adhesive, Cut (with Sto Mesh Flush with Surface and Rasp Smooth) Embedded) StoGuard® Air and Moisture Barrier Sto TurboStickTM StoGuard® Air and Moisture Adhesive Barrier Rough Opening Protection 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 mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

Dow

ATTENTION

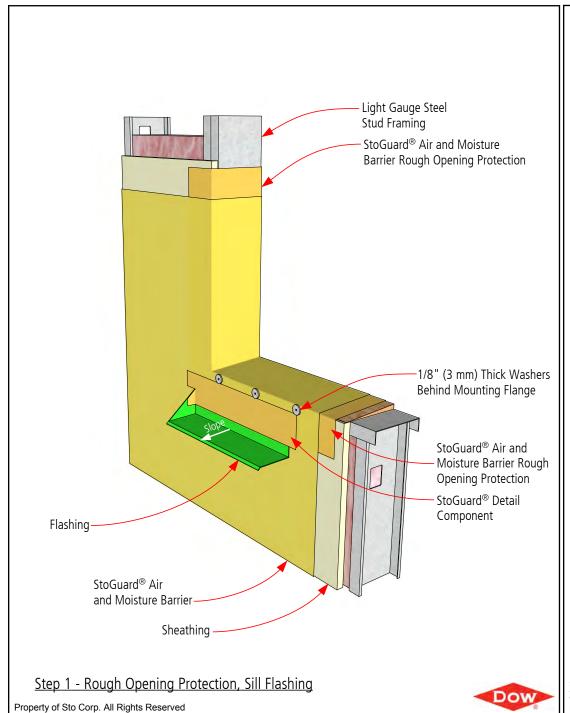
Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD 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.

Detail No.: 55s.24A-1

Date: April 2016

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing for building code compliance information.

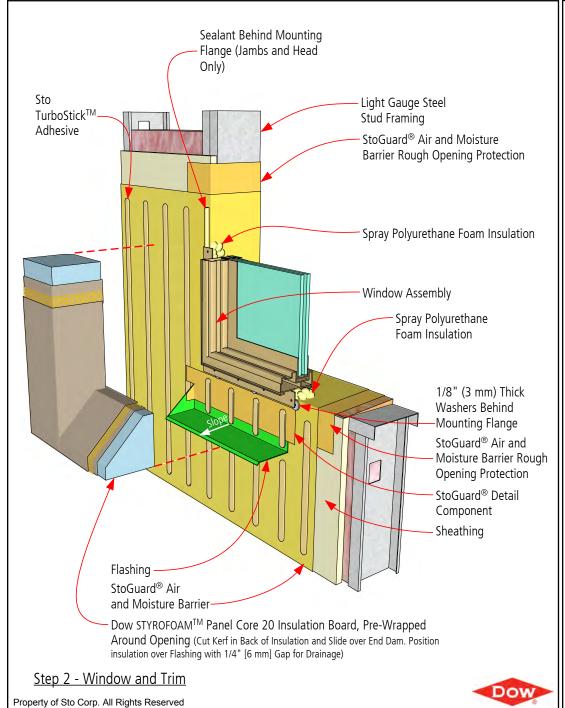
IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD 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.

Detail No.: 55s.24A-2

Date: April 2016

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

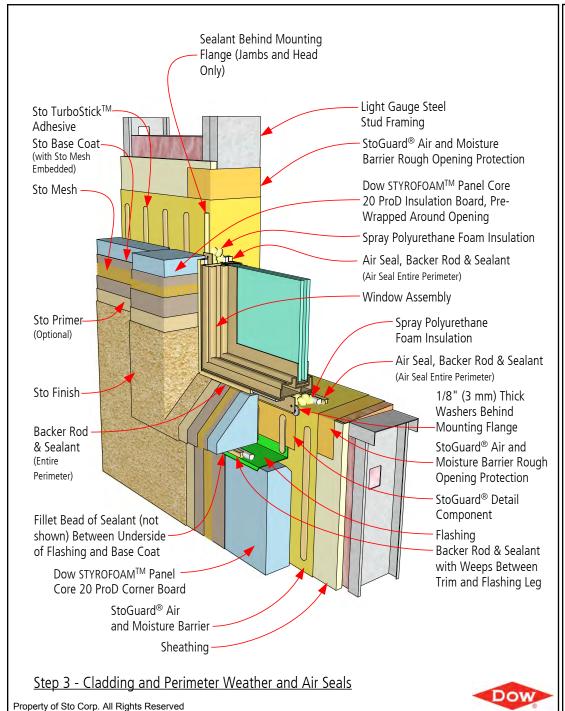
ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD 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.

Detail No.: 55s.24A-3

Date: April 2016

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD Flanged Window-Head



Light Gauge Steel Stud Framing StoGuard® Detail Component Flashing StoGuard® Air and Moisture Barrier Rough Opening Protection Sealant Window Assembly StoGuard® Air and Moisture Barrier Sealant Behind Mounting Flange (Jambs and Head Only) StoGuard® Air and Moisture Barrier Rough Opening Protection Sheathing Step 1 - Rough Opening Protection, Head Flashing

Property of Sto Corp. All Rights Reserved

Dow

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.

Detail No.: 55s.24B-1

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD Flanged Window-Head

Dow STYROFOAMTM Panel Core 20 Insulation Board, Pre-Wrapped Around Opening Light Gauge Steel Stud Framing StoGuard® Detail Component Dow STYROFOAMTM Flashing Panel Core 20 Corner Board StoGuard® Air and Moisture Barrier Rough Opening Protection Sealant Spray Polyurethane Foam Insulation Backer Rod & Sealant Weather and Air Seals (Entire Perimeter with Weeps Between Underside of Trim & Flashing Leg) Window Assembly StoGuard® Air and Moisture Barrier Spray Polyurethane Foam Insulation Sealant Behind Mounting Flange (Jambs and Head Only) StoGuard® Air and Moisture Barrier Rough Opening Protection Sheathing Sto TurboStick™ Adhesive Step 2 - Window and Trim Dow Property of Sto Corp. All Rights Reserved

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.

Detail No.: 55s.24B-2

Date: April 2016

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD Flanged Window-Head

Dow STYROFOAMTM Panel Core 20 Insulation Board, Pre-Wrapped Around Opening Light Gauge Steel Stud Framing StoGuard® Detail Component Dow STYROFOAMTM Flashing Panel Core 20 StoGuard® Air and Moisture Insulation Board Barrier Rough Opening Protection Sealant Spray Polyurethane Foam Insulation Backer Rod & Sealant Weather and Air Seals (Entire Perimeter with Weeps Between Underside of Trim & Flashing Leg) Sto Finish Window Assembly Sto Primer (Optional) StoGuard® Air and Moisture Barrier Spray Polyurethane Sto Mesh Foam Insulation Sealant Behind Mounting Sto Base Coat Flange (Jambs and Head Only) (with Sto Mesh StoGuard® Air and Moisture Embedded) Barrier Rough Opening Protection Sheathing Sto TurboStick™ Adhesive 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.

Detail No.: 55s.24B-3

Date: April 2016

- 2. Construct a site built mockup using materials and subtrades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

Dow

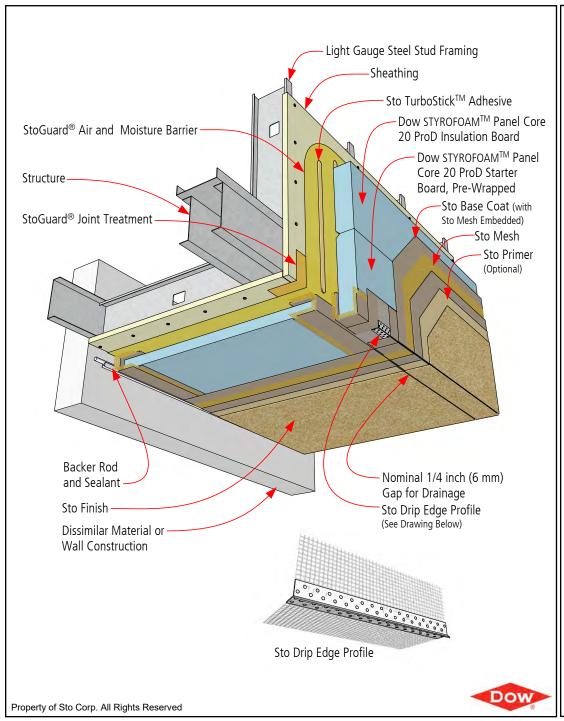
ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD 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 55s.53 for typical detailing of inside corner if substrate material or construction is dissimilar. Refer to Sto Detail 55s.54A if substrate material is similar at inside corner.

Detail No.: 55s.30

Date: April 2016

- 2. 4" (10 cm) thick insulation board typically required for proper lap of accessory with mesh "tail." For thinner sections of insulation board prewrap 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 XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

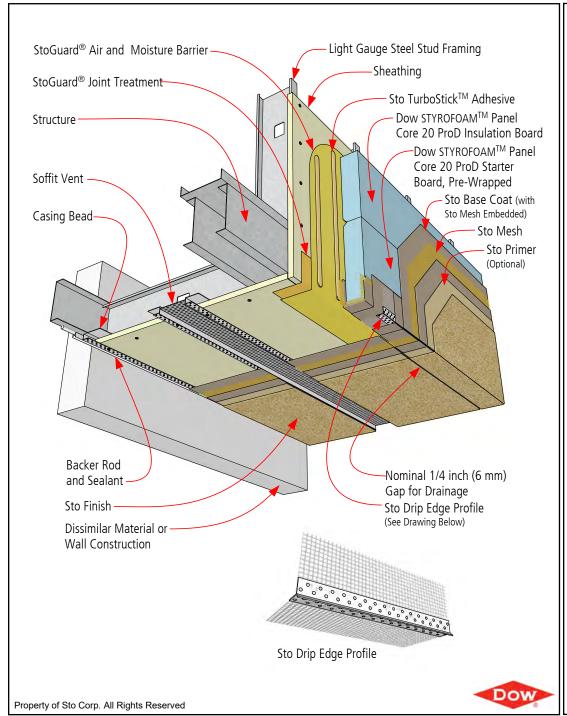
Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



Detail No.: 55s.31

Date: April 2016

StoTherm® ci XPS ProD 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.
- 3. Typical soffit board is gypsum sheathing in compliance with ASTM C 1177. Refer to Sto Specification No. F601S and Sto Detail Series 14.xx.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Floor Line Without Deflection

Sheathing StoGuard® Air and-Moisture Barrier StoGuard® Air and Moisture Barrier Sheathing Joint Treatment Dow STYROFOAMTM Panel Core 20 ProD Insulation Board Structure Sto TurboStick™ Adhesive Sto Finish Sto Primer (Optional) Sto Mesh Sto Base Coat (with Sto Mesh Embedded) Dow Property of Sto Corp. All Rights Reserved

Notes:

1. This detail is typically limited to low-rise construction where no floor line deflection is anticipated. Refer to Sto Detail 55s.41A, B, or C for a floor line condition with deflection.

Detail No.: 55s.40

Date: April 2016

- 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 XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



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

StoGuard® Air and Moisture Dow STYROFOAMTM Panel Barrier Sheathing Joint Treatment-Core 20 ProD Starter Board, Sto TurboStick[™] Adhesive Pre-Wrapped Sheathing Sto Mesh StoGuard® Air and Moisture Barrier StoGuard® Transition Membrane Backer Rod_ Structure Slotted Deflection Track Dow STYROFOAMTM Panel Core -20 ProD Insulation Board, Pre-Wrapped @ Top and Bottom Sto Finish to Allow for Drainage Sto Primer (Optional) Sto Base Coat (with Sto StoGuard® Transition Membrane Mesh Embedded) Applied from Face of StoGuard® Air & Horizontal Deflection Joint: Backer Moisture Barrier and Lapped onto Top Rod & Sealant w/ Drainage Openings. of EPS Insulation Board with Slight Sealant Applied to Base Coat as per Slope for Drainage @ Bottom of Joint -Sealant Manuf'r Instructions Dow Property of Sto Corp. All Rights Reserved

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.

Detail No.: 55s.41A

Date: April 2016

- 2. Provide fire stopping at floor line as needed.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing for building code compliance information.

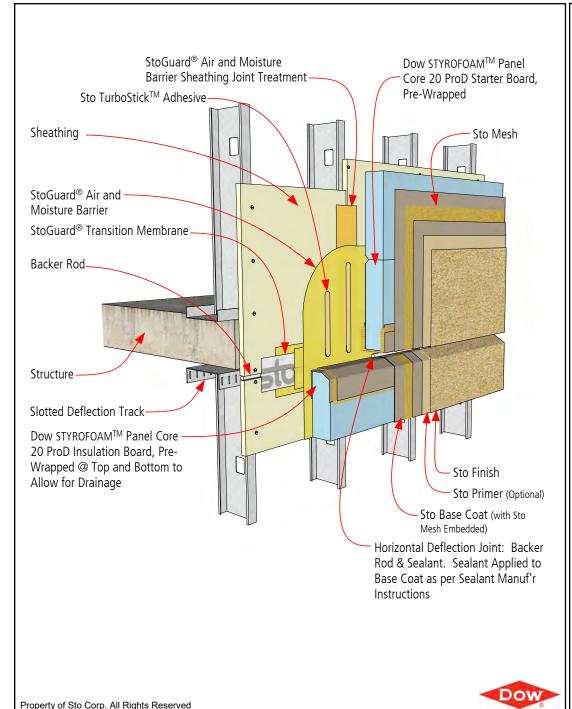
IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD 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.

Detail No.: 55s.41B

Date: April 2016

- 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 55s.41A.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

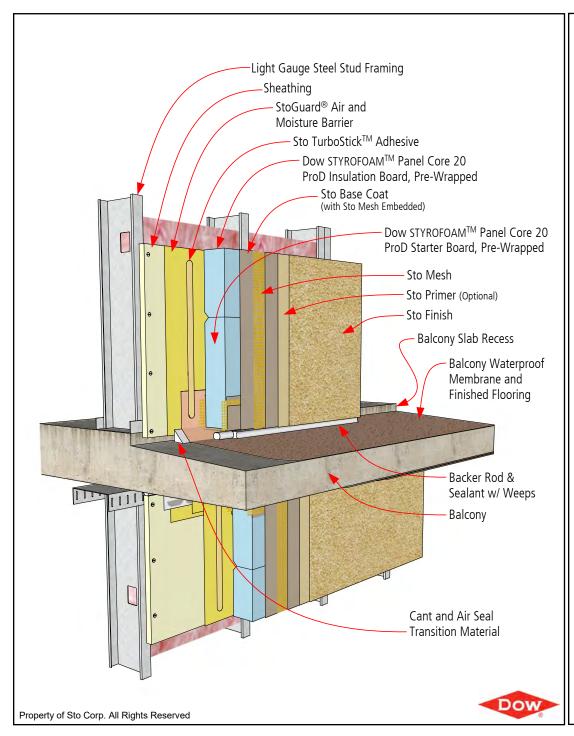
ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD Balcony Floor/Wall



Notes:

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

Detail No.: 55s.42A

Date: April 2016

- 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 XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

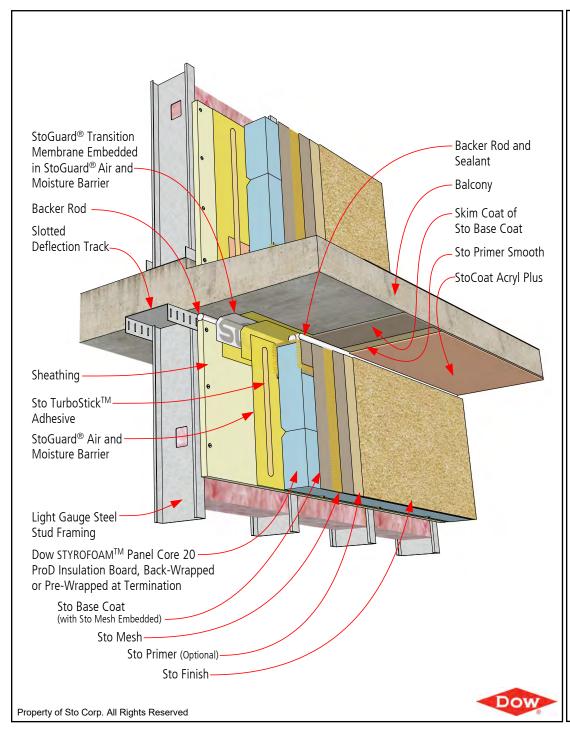
ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD Balcony Ceiling/Wall



Notes:

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

Detail No.: 55s.42B

Date: April 2016

- 2. Underside of balcony may also be finished with Sto Finish or other Sto smooth or textured coatings.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Horizontal Termination at Dissimilar Cladding

Light Gauge Steel Stud Framing Sto TurboStick[™] Adhesive StoGuard® Air and-Dow STYROFOAMTM Panel Moisture Barrier Core 20 ProD Insulation Board, Back-Wrapped Dow STYROFOAMTM Sto Mesh Panel Core 20 ProD Sto Primer Starter Board, Pre-(Optional) Wrapped Sheathing StoGuard® Air and Moisture Barrier **Detail Component** Sto Base Coat (with Sto Mesh Embedded) Backer Rod and Sealantwith Weep Holes StoGuard® Air and Moisture Barrier Wood Blocking Masonry Sill Flashing Brick Cavity Wall Sto Finish Sealant StoGuard® Transition Membrane Embedded in StoGuard® Air and Moisture Barrier Dow Property of Sto Corp. All Rights Reserved

Notes:

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

Detail No.: 55s.50

Date: April 2016

- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD **Vertical Termination at Dissimilar Cladding**

Detail No.: 55s.51A Date: April 2016

Sto TurboStick™ Light Gauge Steel Stud Adhesive Framing Sto Base Coat (with Sheathing Sto Mesh Embedded) StoGuard® Air and Moisture Barrier Masonry Veneer or Other Dissimilar Material Sto Primer (Optional) Sto Mesh Sealant and Backer Rod Sto Finish Dow STYROFOAMTM Panel Core 20 ProD Insulation Board, Back-Wrapped or Pre-Wrapped at Termination Dow

Notes:

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

ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci ProD **Vertical Termination at Dissimilar Backup Wall Construction**

Detail No.: 55s.51B Date: April 2016

Light Gauge Steel StoGuard® Transition Membrane Stud Framing Embedded in StoGuard® Air and Moisture Barrier Sheathing CMU Backup StoGuard® Air and Moisture Barrier (Minimum Two Coats on CMU Wall Surface) Sto Masonry Veneer or $\mathsf{TurboStick}^{\mathsf{TM}}$ Other Dissimilar Material Adhesive Sto Primer (Optional) Sto Mesh Sto Base Coat (with Sto Mesh Embedded) Sealant and Backer Rod Sto Finish Dow STYROFOAMTM Panel Core 20 ProD Insulation Board, Back-Wrapped or Pre-Wrapped at Termination Dow Property of Sto Corp. All Rights Reserved

Notes:

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

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Vertical Expansion Joint in Back-Up Wall

Detail No.: 55s.52A Date: April 2016

StoGuard® Transition Membrane Embedded in StoGuard® Air and Moisture Barrier Light Gauge Steel Stud Sto TurboStick™ Framing Adhesive Sheathing StoGuard® Air and Moisture Barrier Sto Primer (Optional) Sto Mesh-Sto Base Coat (with Sto Mesh Embedded) Sealant and Backer Rod Sto Finish-Dow STYROFOAMTM Panel Core 20 ProD Insulation Board, Back-Wrapped or Pre-Wrapped at Termination Dow

Notes:

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

ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.

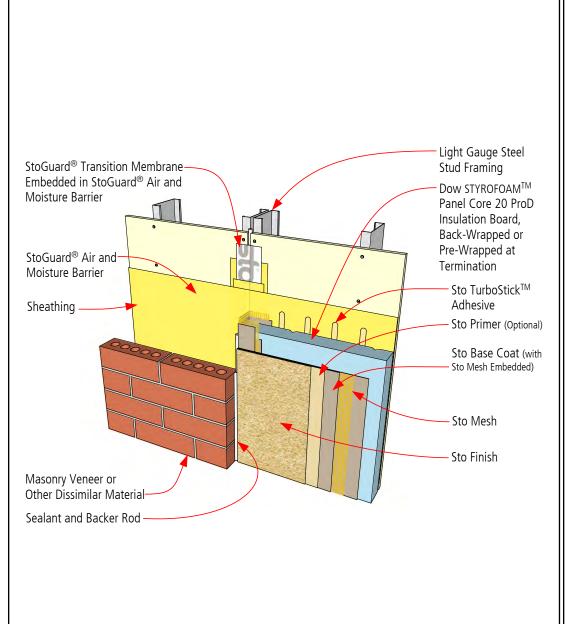


StoTherm[®] ci XPS ProD Vertical Expansion Joint in Back-Up Wall, StoTherm ci and Dissimilar Cladding

Detail No.: 55s.52B Date: April 2016

Notes:

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

Dow

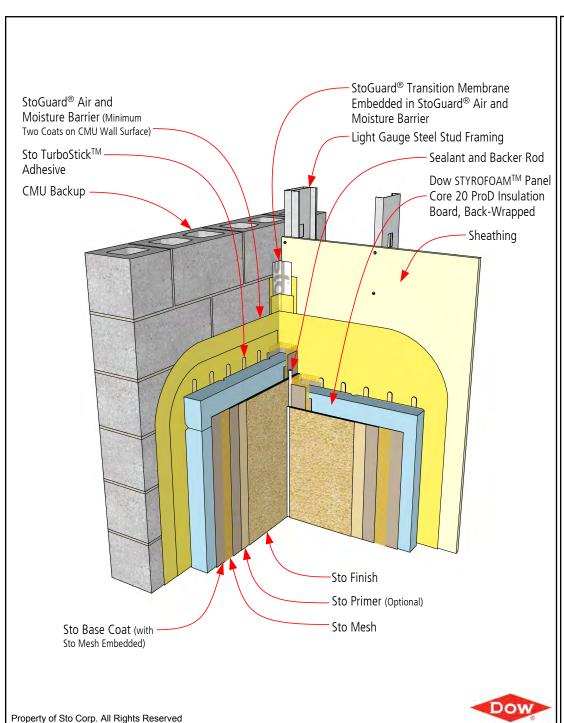
ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Inside Corner with Dissimilar Backup Wall



Notes:

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

Detail No.: 55s.53

Date: April 2016

- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



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

Detail No.: 55s.54A Date: April 2016

StoGuard® Joint Treatment Sto TurboStick™ Adhesive Light Gauge Steel Stud Framing Dow STYROFOAMTM Panel Sheathing-Core 20 ProD 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 Sto Mesh, (Overlap StoMesh Corner Bead 4 in. ea. Side, min.) Sto TurboStick™ Adhesive at **Chamfered Corners** of Insulation Board Dow

Notes:

- 1. Provide joint at interior corner if movement is anticipated. Refer to Sto Detail 55s.53.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



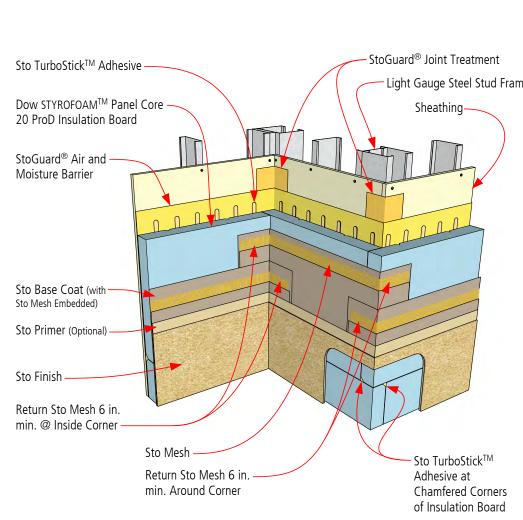
StoTherm® ci XPS ProD Inside and Outside Corner with Common Substrate and Sto Mesh Reinforcement

Detail No.: 55s.54B Date: April 2016

StoGuard® Joint Treatment Light Gauge Steel Stud Framing

Notes:

- 1. Provide joint at interior corner if movement is anticipated. Refer to Sto Detail 55s.53.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing for building code compliance information.



Dow

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.

ATTENTION

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Termination at Parapet - Front

Metal Coping Backer Rod StoGuard® Transition Membrane & Sealant Embedded in StoGuard® Air and Moisture Barrier (or Compatible Roofing Membrane) Wood Blocking StoGuard® Detail Component Roof Structure Sto Finish Sto Primer (Optional) Sto Mesh Sto Base Coat (with Sto Mesh Embedded) Dow STYROFOAMTM Panel Core 20 ProD Insulation Sheathing Board, Back-Wrapped Light Gauge Steel Sto TurboStickTM Adhesive Stud Framing StoGuard® Air and

Notes:

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

Detail No.: 55s.60A

Date: April 2016

- Refer to applicable Intertek listing 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.

Dow

ATTENTION

Moisture Barrier

Property of Sto Corp. All Rights Reserved

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Termination at Parapet - Back

StoGuard® Transition Membrane-Sto Mesh Embedded in StoGuard® Air and Termination Bar for Roof Membrane Moisture Barrier (or Compatible Backer Rod and Sealant Roofing Membrane) Metal Coping Wood Blocking StoGuard® Detail-Component Sto Finish Sto Sto Primer (Optional) TurboStick™ Sto Base Coat (with Adhesive Sto Mesh Embedded) Dow STYROFOAMTM Panel StoGuard® Air and Core 20 ProD Insulation Moisture Board, Pre-Wrapped Barrier Sheathing-Light Ga. Steel Stud Framing Roof Membrane Cover Board Roof Insulation **Roof Structure** StoGuard® Air and Moisture Barrier Detail Component Dow STYROFOAMTM Panel Core 20 Z-Flashing · ProD Insulation Board, Pre-Wrapped StoGuard® Detail Termination Bar for Roof Membrane Component Sheathing Roof Membrane Wood Blocking StoGuard® Air and Backer Rod and Sealant with Moisture Barrier Weep Holes Insulation-Dow Property of Sto Corp. All Rights Reserved

Notes:

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

Detail No.: 55s.60B

Date: April 2016

- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Parapet with Cornice Feature

Wood Construction as Required StoGuard® Air and Moisture Barrier StoGuard® Transition Membrane Sheathing Joint Embedded in StoGuard® Air and Treatment Extends Moisture Barrier (or Compatible 2 in. (51 mm) min. Roofing Membrane) at Vertical and Metal Coping-Horizontal Surfaces 1/2 in. (13 mm) min. Gap Between Top Surface of Backer Rod Cornice Feature and and Sealant Underside of Wood Pre-Wrapped Construction Cornice Dow STYROFOAMTM Sto Primer (Optional) Panel Core 20 **ProD** Insulation Sto Base Coat (with Board, Back-Sto Mesh Embedded) Wrapped or Pre-Sto Finish -Wrapped at Termination Sto Mesh StoGuard® Air and Moisture Barrier Light Gauge Steel Sheathing Stud Framing Cornice Feature Pre-Wrapped with Sto Base Coat (with Sto Mesh Embedded) Dow STYROFOAMTM Panel Core 20 ProD Insulation Cornice Feature Sto Mesh Embedded in Base Coat Laps Sto Mesh on Cornice 2 1/2 in. (64 mm) min. View of Pre-Wrapped View of Mesh Overlap Dow Cornice Property of Sto Corp. All Rights Reserved

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.

Detail No.: 55s.61

Date: April 2016

- 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 XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

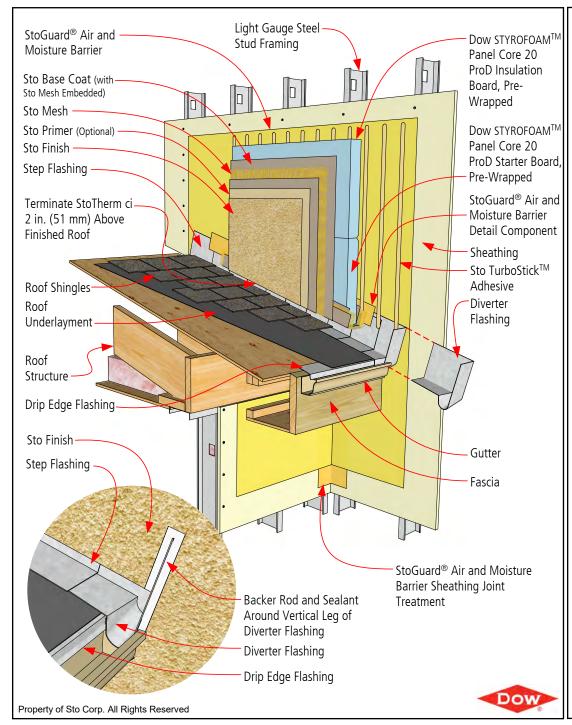
ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.





StoTherm® ci XPS ProD 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.

Detail No.: 55s.62

Date: April 2016

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

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Gravel Stop

Gravel Stop Gravel Roof Ballast Continuous Cleat Wood Blocking Roof Membrane 1/4" (6 mm) Min. Gap Roof Insulation-Between Top of EPS Insulation Board and Wood Blocking Roof Air Barrier Roof Sheathing StoGuard® Air and Moisture Barrier Sheathing Sto Finish Joint Treatment **Roof Structure** Sto Primer (Optional) Sto TurboStickTM Adhesive Sto Mesh StoGuard® Air and Sto Base Coat (with Moisture Barrier Sto Mesh Embedded) Backer Rod & Sealant Sheathing Light Gauge Steel Stud Framing Dow STYROFOAMTM Panel Core 20 ProD Insulation Board, Back-Wrapped Dow Property of Sto Corp. All Rights Reserved

Notes:

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

Detail No.: 55s.63

Date: April 2016

- Refer to applicable Intertek listing for building code compliance information.

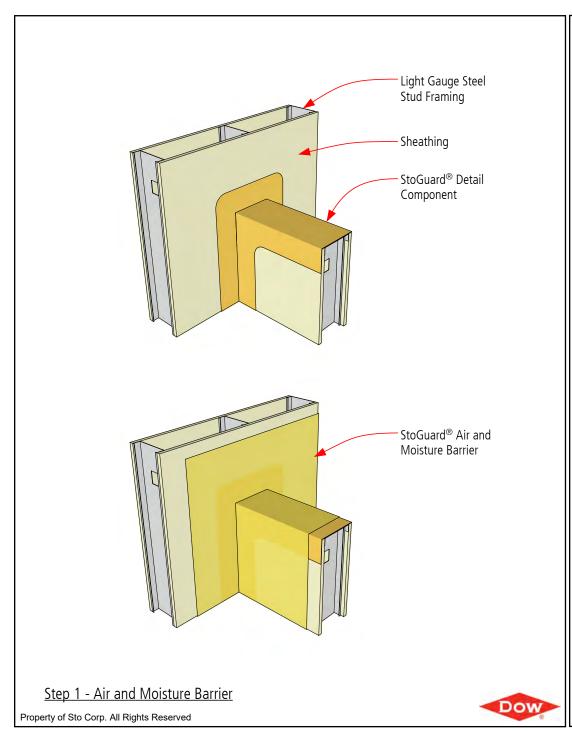
IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Saddle Flashing at Lower/Higher Wall Abutment



Notes:

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

Detail No.: 55s.64-1

Date: April 2016

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

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Saddle Flashing at Lower/Higher Wall Abutment

Saddle Flashing Components StoGuard® Air and Moisture Barrier Assembled Saddle Flashing StoGuard® Air and Moisture Barrier Step 2 - Saddle Flashing Dow Property of Sto Corp. All Rights Reserved

Notes:

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

Detail No.: 55s.64-2

Date: April 2016

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

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Saddle Flashing at Lower/Higher Wall Abutment

StoGuard® Air and Light Gauge Steel -Moisture Barrier Stud Framing Dow STYROFOAMTM Panel Core 20 ProD StoGuard® Detail Insulation Board, Pre-Wrapped at Termination Component · StoTherm ci Assembly Saddle Flashing Assembly Parapet Cap Flashing Assembly Extends to Perpendicular Wall Backer Rod & Sealant Between StoTherm ci and Saddle Flashing Assembly StoGuard® Transition Membrane Embedded in StoGuard® Air and Moisture Barrier (or Compatible Roofing Membrane) Wood Blocking Step 3 - Cladding, Coping, and Sealant Dow Property of Sto Corp. All Rights Reserved

Notes:

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

Detail No.: 55s.64-3

Date: April 2016

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

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Scupper Penetration

Sheathing-Light Gauge Steel Stud Framing Sto TurboStick™ Adhesive StoGuard® Air and Moisture Barrier Sto Base Coat (with Sto Mesh Embedded) Sto Mesh StoGuard® Air and Sto Primer Moisture Barrier Detail (Optional) Component Wood Blocking Roof Membrane Roof Insulation Sto Finish **Roof Structure** Scupper Assembly Dow STYROFOAM™ Panel Core Backer Rod & Sealant 20 ProD Insulation Board, Back-Wrapped Around Scupper Penetration Dow Property of Sto Corp. All Rights Reserved

Notes:

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

Detail No.: 55s.65 Date: April 2016

- Refer to applicable Intertek listing for building code compliance information.

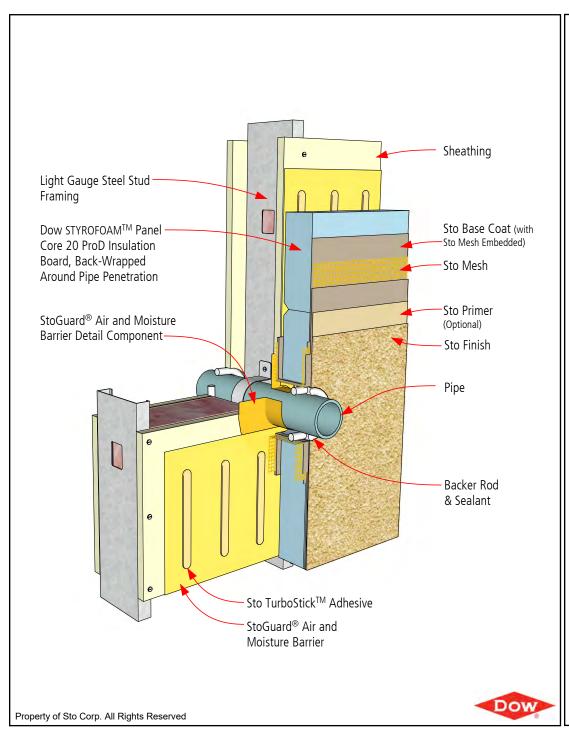
IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Pipe Penetration - Precision Cut Sheathing



Notes:

1. Refer to Sto Detail 55s.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.

Detail No.: 55s.70A

Date: April 2016

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

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Pipe Penetration - Rough Cut Sheathing

Light Gauge Steel Stud Sheathing Framing Dow STYROFOAMTM Panel Core 20 ProD Insulation Board, Back-Wrapped Around Pipe Penetration Sto Base Coat (with Sto Mesh Embedded) Retrofit or Oversized Pipe Penetration Opening Sto Mesh Spray Foam (to Fill Gaps, Shaved or Rasped Flush with Sheathing Surface) Sto Primer (Optional) StoGuard® Air and Moisture Barrier Detail Component Sto Finish Pipe Backer Rod & Sealant Sto TurboStick[™] Adhesive StoGuard® Air and Moisture Barrier Dow Property of Sto Corp. All Rights Reserved

Notes:

1. Appropriate spray foam is used to fill gaps in sheathing. Where sheathing fits snug around pipe refer to Sto Detail 55s.70A.

Detail No.: 55s.70B

Date: April 2016

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

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



StoTherm® ci XPS ProD Sign Attachment

Sto TurboStickTM Adhesive-StoGuard® Air and Light Gauge Steel -Moisture Barrier Stud Framing Dow STYROFOAMTM Sheathing. Panel Core 20 ProD Insulation Board Sto Base Coat (with Sto Mesh Embedded) Sto Mesh Sto Primer (Optional) Sto Finish Washer Behind Sign Set in Sealant Wood Blocking Hole Drilled in EIFS and Lined with Sealant Neutral Cure Sealant Bolt w/ Washers PVC or Stainless Steel Sleeve at Each End (Sleeve Extends From Finish Through Blocking, Shown Partial Length for Clarity) Dow Property of Sto Corp. All Rights Reserved

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.

Detail No.: 55s.71

Date: April 2016

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

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.



Detail No.: 55s.73

Date: April 2016

StoTherm® ci XPS ProD Fixture Attachment

Dow STYROFOAMTM Panel Core 20 ProD Insulation Board, Back-Wrapped Around Electric Box Penetration Light Gauge Steel Stud Framing StoGuard® Air and Moisture Barrier Sheathing -Sto TurboStick™ Adhesive Sto Base Coat (with Sto Mesh Embedded) Sto Mesh Sto Primer (Optional) Sto Finish Electric Box for **Blocking** Fixture Attachment Backer Rod & Sealant StoGuard® Air and Moisture Barrier Detail Component on Blocking; Extend onto Sheathing 2" min. Dow Property of Sto Corp. All Rights Reserved

Notes:

- 1. Attach fixture to blocking or solid substrate. Where attached to blocking seal the blocking with Sto Detail Component.
- Refer to StoTherm ci XPS ProD System Bulletins and Specifications, Sto Product Bulletins, Tech Hotlines, and Sto Installation and Maintenance Guides for complete information.
- Refer to applicable Intertek listing 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.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, of for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, and to the structure of the building or its components.