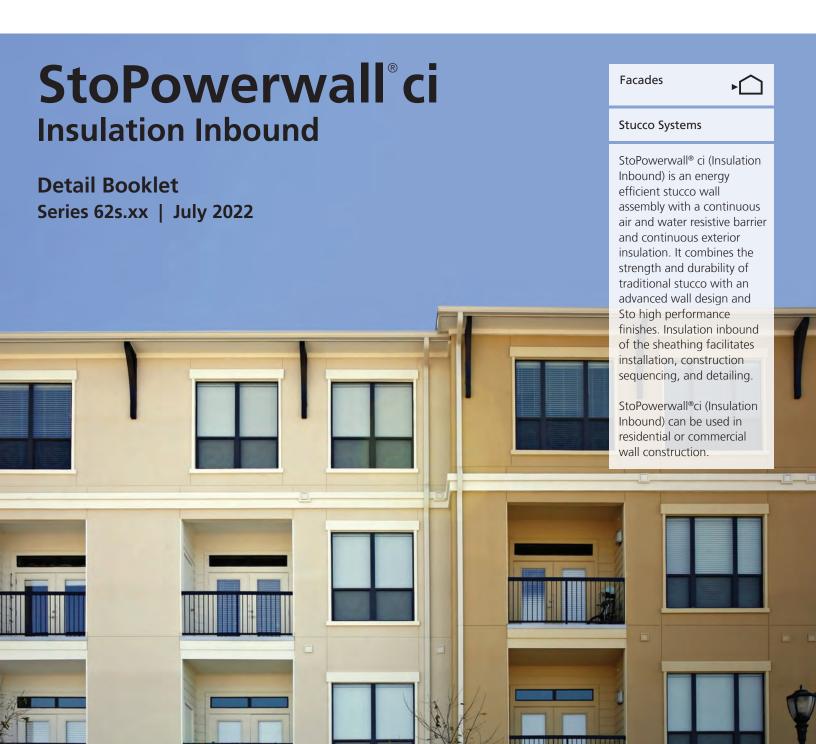


Building with conscience.





# **Design Details**

Components System Components System Components with StoCast Brick System Components with StoCast Wood System Components with Crack Defense System	62s.00 SCB
Installation at Grade  Termination at Grade: Sheathing Flush with Foundation  Termination at Grade: Sheathing over Foundation	
Installation at Windows  Rough Opening Protection with StoGuard®Fabric  Rough Opening Protection with StoGuard®Mesh  Box Window at Sill, Jamb, and Head	62s.04M
Installation at Soffits Soffit Return	62s.07
Installation at Floor Line Floor Line Floor Line with Deflection Joint	
Installation at Joints and Corners  Horizontal Joint at Dissimilar Material  Vertical Joint at Dissimilar Material  Vertical Joint at Inside Corner: Common Substrate  Vertical Joint at Inside Corner: Different Substrate  Outside Corner: Common Substrate	62s.11 62s.12 62s.13
Installation at Parapet, Roof/Wall Abutment and Saddle Flashing  Termination at Parapet  Roof/Wall Abutment  Saddle Flashing at Lower to Higher Wall Abutment	62s.16

(Continued on Page 3)



Attachments (Sign, Dryer Vent, Electrical Box)	
Fire Protection  Fire Protection Assembly	



#### **ATTENTION**

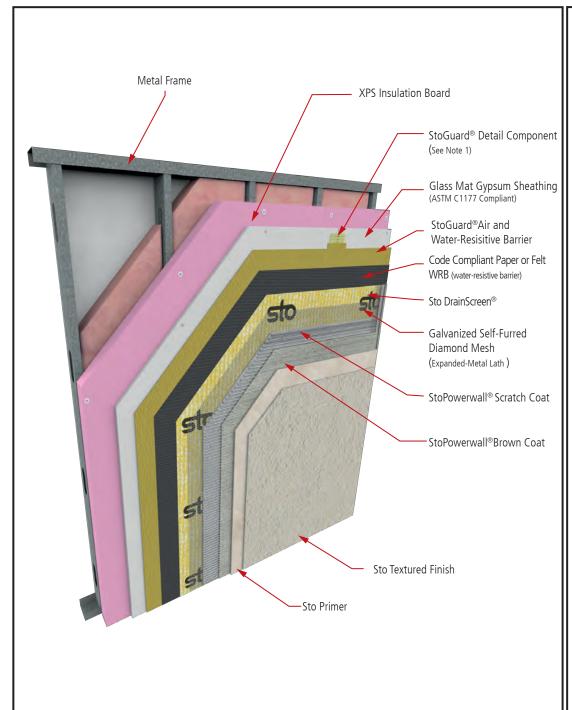
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#### Sto Corp.

3800 Camp Creek Pkwy. SW Bldg. 1400 • Suite 120 Atlanta, GA 30331 Tel: (800) 221-2397 Fax: (404) 346-3119 http://www.stocorp.com helpdesk.stocorp.com



# StoPowerwall®ci System Components - Insulation Inbound



#### **Notes:**

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.00

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
- 4. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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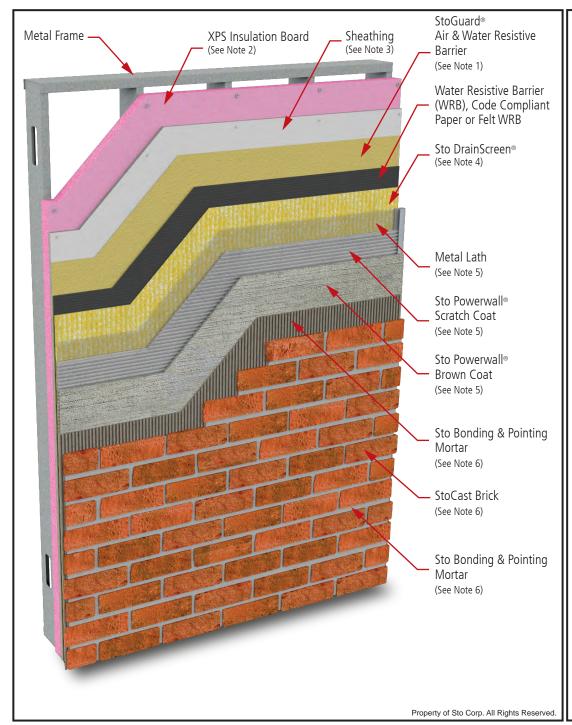




#### Sto Powerwall® ci with StoCast Brick

Detail No.: 62s.00 SCB

Date: July 2022



#### Notes:

- 1. See StoGuard Chart (22s.SG) for transition component, joint treatment, and rough opening protection product options.
- 2. XPS Insulation options, in compliance with ASTM C 578:
- Owens Corning Type IV XPS rigid insulation board.
- -Dow Type IV XPS rigid insulation board.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
- 4. Minimum 2.5 lb/yd² (1.4 kg/m²) self-furred galvanized diamond mesh metal lath.
- 5. Stucco scratch and brown coat material in compliance with ASTM C926 and manufactured or listed by Sto Corp.
- 6. Refer to the StoCast Brick Application Guide for more information.
- 7 . Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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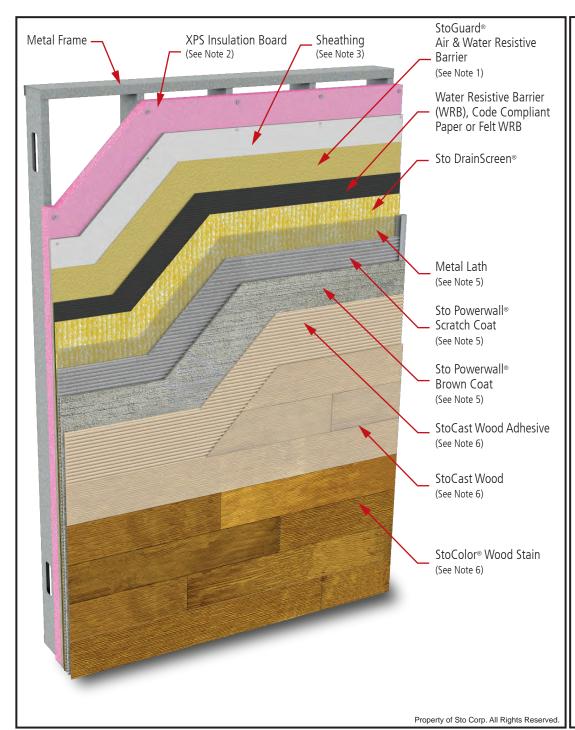




#### Sto Powerwall® ci with StoCast Wood

Detail No.: 62s.00 SCW

Date: July 2022



#### Notes:

- 1. See StoGuard Chart (22s.SG) for transition component, joint treatment, and rough opening protection product options.
- 2. XPS Insulation options, in compliance with ASTM C 578:
- Owens Corning Type IV XPS rigid insulation board.
- -Dow Type IV XPS rigid insulation board.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
- 4. Minimum 2.5 lb/yd² (1.4 kg/m²) self-furred galvanized diamond mesh metal lath.
- 5. Stucco scratch and brown coat material in compliance with ASTM C926 and manufactured or listed by Sto Corp.
- 6. Refer to the StoCast Wood Application Guide for more information.
- 7 . Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

#### ATTENTION

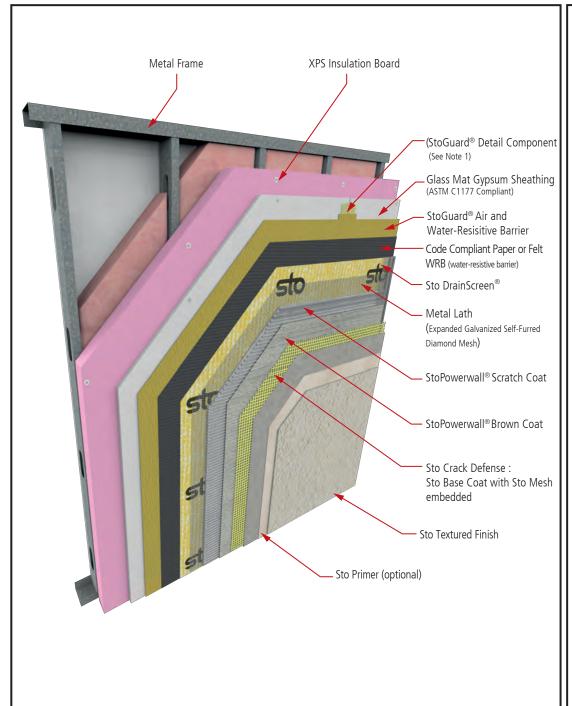
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# StoPowerwall®ci with Sto Crack Defense System System Components - Insulation Inbound



#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.01

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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# StoPowerwall®ci Termination at Grade: Sheathing Flush with Foundation

# XPS Insulation Board Metal Frame StoGuard® Detail Component (See Note 1) Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen® Metal Lath (Expanded Galvanized Self-Furred Diamond Mesh) StoPowerwall® Scratch Coat StoPowerwall® Brown Coat Sto Prime Sto Textured Finish StoGuard® Detail Component (See Note 1) Corrosion-Resistant Weep Screed or Flashing Sto Smooth Coating (Or other compatible UV resistant top See Inset for details StoGuard®Detail Component (See Note 1) Inset - Ground Clearance

#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.02

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
- 4. Cladding termination minimum 4" (101 mm) above finish grade, minimum 2" (51 mm) above paved surfaces.
- 5. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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### StoPowerwall®ci

ATTENTION

### **Termination at Grade: Sheathing over Foundation**

# Metal Frame XPS Insulation Board StoGuard® Detail Component (See Note 1) Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen® Metal Lath (Expanded Galvanized Self-Furred Diamond Mesh) StoPowerwall® Scratch Coat StoPowerwall® Brown Coat Sto Prime Sto Textured Finish StoGuard® Detail Component Corrosion-Resistant Weep Screed or Flashing Sto Smooth Coating (Or other compatible UV resistant top See Inset for details StoGuard®Detail Component (See Note 1) Inset - Ground Clearance

#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.03

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
- 4. Cladding termination minimum 6" (152 mm) above finish grade.
- 5. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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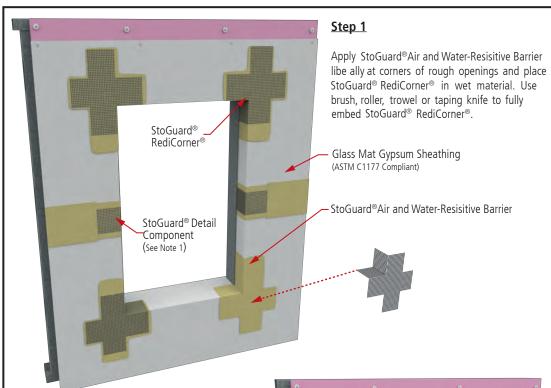


# StoPowerwall®ci Rough Opening Protection with StoGuard®Fabric

Detail No.: 62s.04F Date: July 2022 Page 1 of 2

#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
- 2. Refer to General Notes for specific information and design quidance on wall assembly components.
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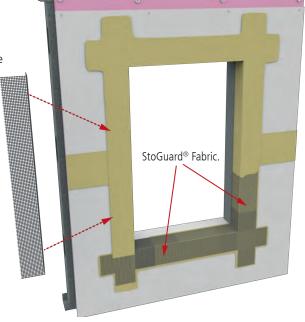


#### Step 2

ATTENTION

Immediately apply StoGuard®Air and Water-Resisitive Barrier liberally to inside of opening and around outside of head, sill and jambs.

Center 6"(150 mm) wide StoGuard®Fabric on outside corners and press into wet membrane along the head, jambs, and sill with minimum 2" (50 mm) overlaps of adjacent fabric. Use brush, roller, trowel or taping knife to fully embed.



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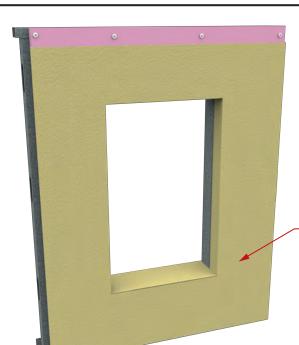


# StoPowerwall®ci Rough Opening Protection with StoGuard®Fabric

Detail No.: 62s.04F Date: July 2022 Page 2 of 2

#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
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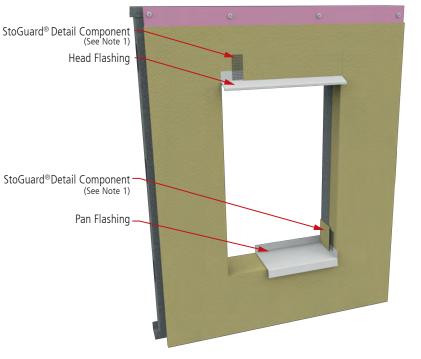


#### Step 3

Immediately coat the entire surface of the wall and into rough opening with StoGuard®Air and Water-Resisitive Barrier to produce a void and pinhole free surface.

Edges of StoGuard®RediCorner® and StoGuard Fabric must lay flat, wrinkle-free, and be fully embedded in the membrane and fully adhered to the substrate or previous layer of StoGuard® Fabric.

StoGuard®Air and Water-Resisitive Barrier



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# StoPowerwall®ci Rough Opening Protection with StoGuard®Mesh

Step 1 Place 2"(50mm) wide strip of StoGuard® Mesh lapping onto face of wall diagonally at corners of opening. Step 2 Wrap sill with 9"(230mm) wide StoGuard® Mesh StoGuard® Mesh returning up the jambs a minimum of 4"(100mm). Step 3 Wrap jambs minimum with 9"(230mm) wide StoGuard® Mesh, lapping minimum 2.5"(64mm) over extension from sill, then wrap head. Sto Gold Fill® Step 4 Coat StoGuard® Mesh with Sto Gold Fill®. Sto Gold Fill® Glass Mat Gypsum Sheathing (ASTM C1177 Compliant)

Detail No.: 62s.04M Date: July 2022 Page 1 of 2

#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
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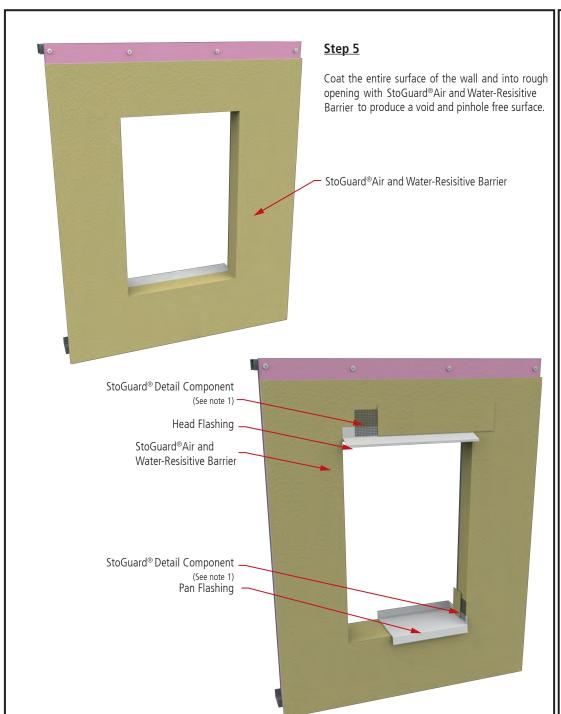


# StoPowerwall®ci Rough Opening Protection with StoGuard®Mesh

Detail No.: 62s.04M Date: July 2022 Page 2 of 2

#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
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## StoPowerwall®ci Box Window at Sill, Jamb, and Head

Detail No.: 62s.05 Date: July 2022

Page 1 of 3

# Metal Frame One-piece Expansion/ Control Joint (typical) Head Flashing Sealant dab at control joint termination (to divert water to exterior) Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) ·StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen® See Page 2 Galvanized Self-Furred for details Diamond Mesh (Expanded-Metal Lath) StoPowerwall®Scratch Coat StoPowerwall®Brown Coat See Page 3 Sto Primer for details Sto Textured Finish Sill Flashing Window

#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
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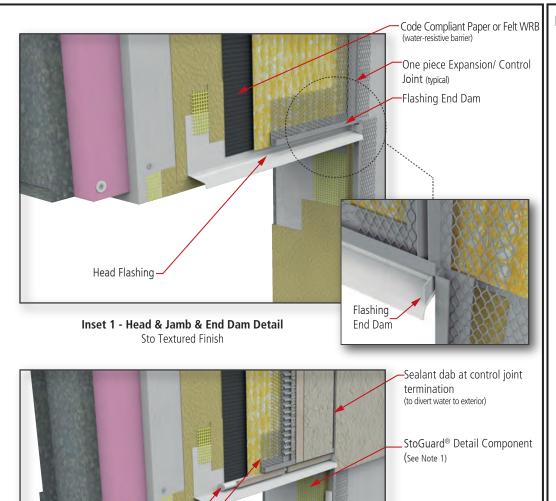




## StoPowerwall®ci Box Window at Head/Jamb

Detail No.: 62s.05 Date: July 2022

Page 2 of 3



#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
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Backer Rod & Sealant

Sto DrainScreen®

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StoGuard® Detail Component

Backer Rod & Sealant

(See Note 1)

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Inset 2 - Head & Jamb Detail with Sto Textured Finish

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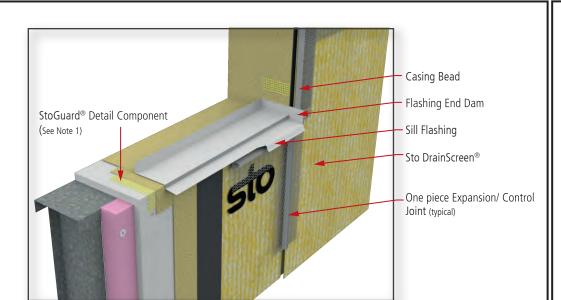


## StoPowerwall®ci Box Window at Sill/Jamb

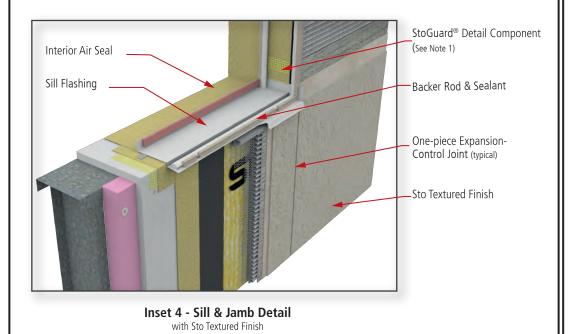
ATTENTION

Detail No.: 62s.05 Date: July 2022

Page 3 of 3



Inset 3 - Sill & Jamb Detail
without Sto Textured Finish



#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
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# StoPowerwall®ci Soffit Return

ATTENTION

Metal Frame XPS Insulation Board Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen® Metal Lath (Expanded Galvanized Self-Furred Diamond Mesh) StoPowerwall® Brown Coat Sto Prime StoPowerwall® Scratch Coat Sto Textured Finish (See Note 1) See Inset for details Casing Bead Nominal ¼"(6 mm) gap defined by Sto DrainScreen® Inset - Soffit Detail

#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.07

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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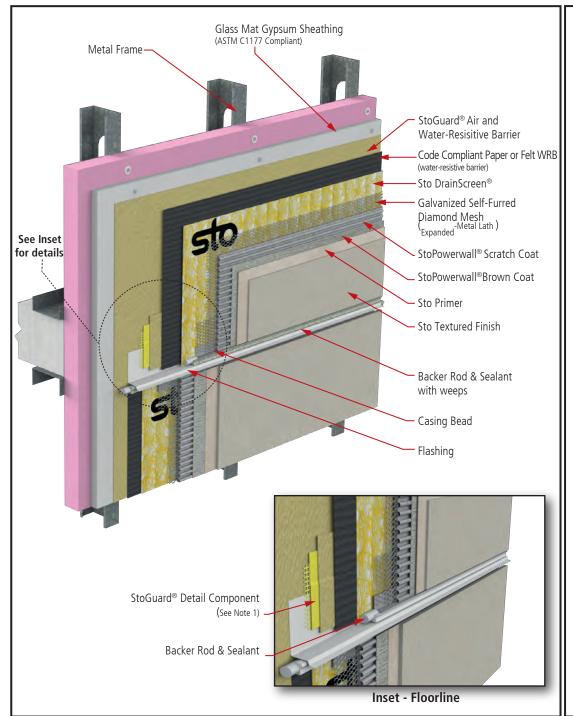
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# StoPowerwall®ci Floorline without Deflection Track



#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.08

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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ATTENTION

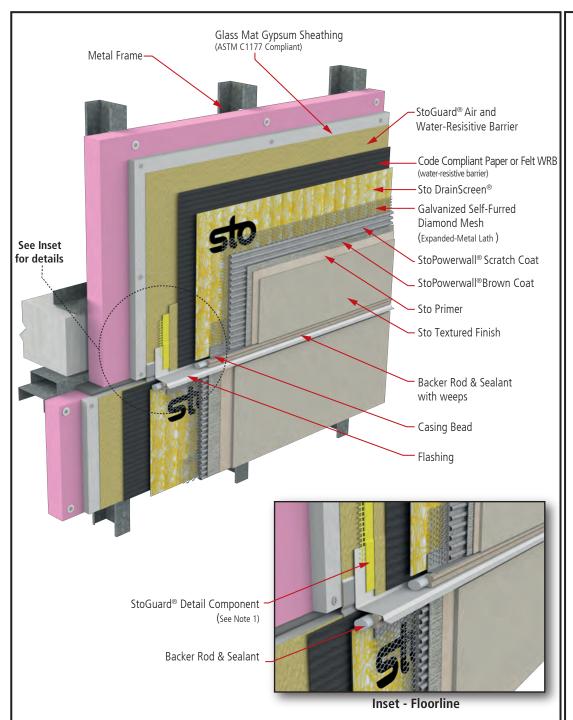
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# StoPowerwall®ci Floorline with Deflection Track

ATTENTION



#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.09

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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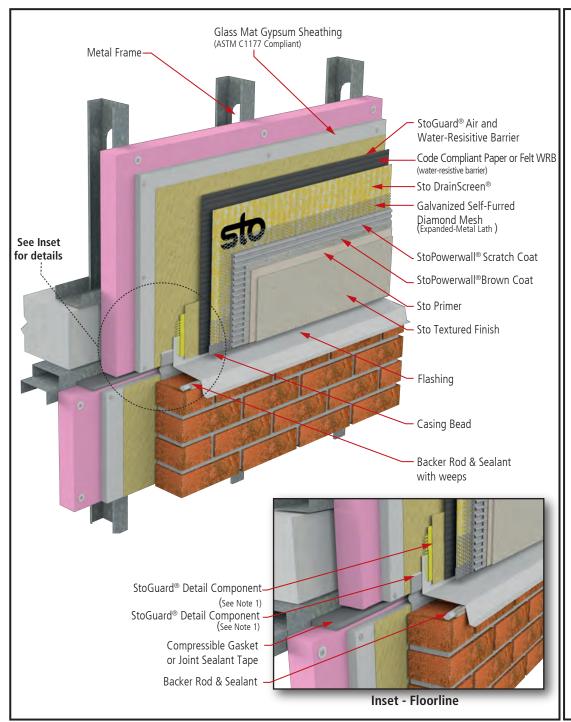
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# StoPowerwall®ci Horizontal Joint at Dissimilar Material



#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.10

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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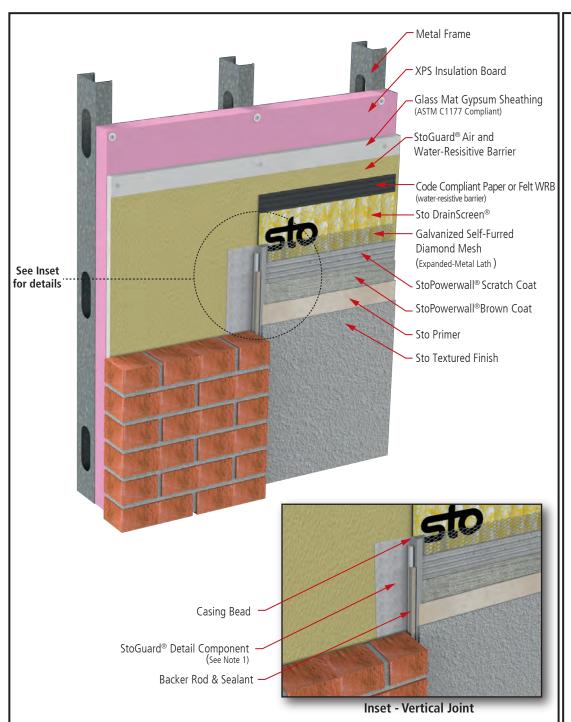
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# StoPowerwall®ci Vertical Joint at Dissimilar Material



#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 63s.11

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
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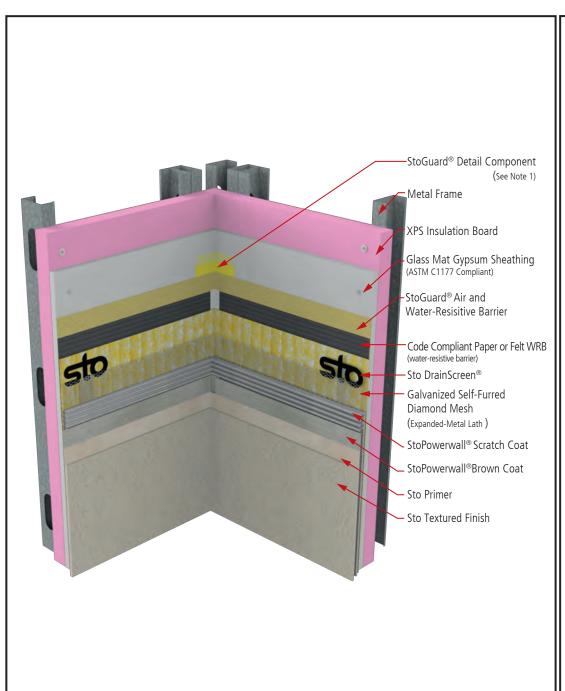
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# StoPowerwall® ci **Inside Corner: Common Substrate**



#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.12 Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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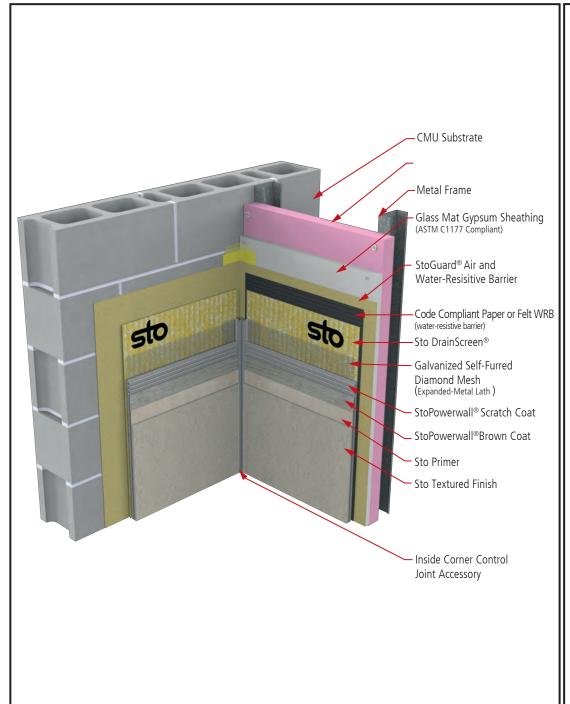
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# StoPowerwall®ci Vertical Joint at Inside Corner: Different Substrate



#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.13

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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# StoPowerwall®ci Outside Corner: Common Substrate

Metal Frame XPS Insulation Board Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen® Metal Lath (Expanded Galvanized Self-Furred Diamond Mesh) StoGuard® Detail Component (See Note 1) StoPowerwall® Brown Coat StoPowerwall® Scratch Coat Sto Prime Sto Textured Finish

#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.14

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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# StoPowerwall®ci Termination at Parapet

Cap Flashing Cap Attachment Cleat & Sealant Roof Membrane Blocking StoGuard® Detail Component (See Note 1) Metal Frame XPS Insulation Board Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto Textured Finish-Sto Prime StoPowerwall® Brown Coat StoPowerwall® Scratch Coat Sto DrainScreen

#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.15

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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Metal Lath

(Expanded Galvanized Self-Furred

Diamond Mesh)

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## StoPowerwall®ci Roof / Wall Abutment

ATTENTION

StoGuard® Detail Component Metal Lath (Expanded Galvanized Self-Furred (See Note 1) Diamond Mesh) Glass Mat Gypsum Sheathing -StoPowewall® Scratch Coat (ASTM C1177 Compliant) StoGuard® Air and StoPowewall® Brown Coat Water-Resisitive Barrier Sto Prime Code Compliant Paper or Felt Sto Textured Finish WRB (water-resistive barrier) Sto DrainScreen® Casing Bead (2" minimum above roofline) Metal Frame-XPS Insulation Board See Inset for details StoGuard® Detail Component (See Note 1) Step Flashing Diverter Flashing Gutter Inset - Roofline

#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.16

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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# StoPowerwall®ci Saddle Flashing

ATTENTION

Metal Frame Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen® Galvanized Self-Furred Diamond Mesh See Page 2 for (Expanded-Metal Lath ) Flashing Assembly details StoPowerwall® Scratch Coat StoPowerwall®Brown Coat Sto Primer Sto Textured Finish Saddle Flashing Assembly (See Page 2) Backer Rod & Sealant with weeps Parapet Cap Flashing StoGuard® Detail Component (See Note 1) Casing Bead XPS Insulation Board See Page 2 for StoGuard® **Installation on Parapet** details

Detail No.: 62s.17 Date: July 2022 Page 1 of 2

#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
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# StoPowerwall®ci Saddle Flashing

ATTENTION

Step 1 -Turnout Flanges (to match the thickness of the component layers to the finished surface plus 1/4" (6mm)) Upturner Flange Interloking Legs Step 2 Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier StoGuard® Detail Component (See Note 1)

Detail No.: 62s.17 Date: July 2022 Page 2 of 2

#### Notes:

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
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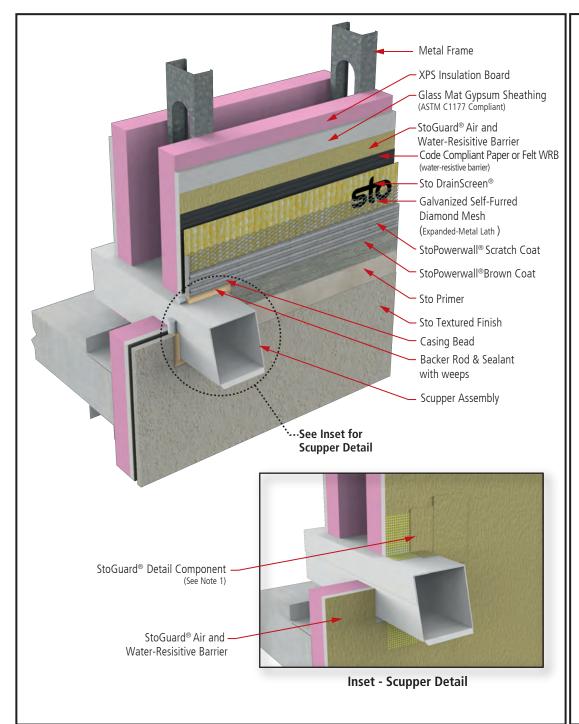
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# Sto Powerwall®ci Scupper Penetration Through Wall



#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.18

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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# Sto Powerwall®ci Sign Attachment

Metal Frame XPS Insulation Board Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen® Metal Lath (Expanded Galvanized Self-Furred Diamond Mesh) StoPowewall® Scratch Coat StoPowewall® Brown Coat Sto Prime See Inset for Sign **Attachment Detail** Sto Textured Finish **Bolt Assembly Block Assembly** PVC sleeve installed against blcking through hole with bolt assembly and lined with excess Hole drilled in StoPowewall® and lined with compatible sealant Inset - Attachment Detail

#### Notes:

1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

Detail No.: 62s.19

Date: July 2022

- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
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# Sto Powerwall®ci Foam Buildouts

ATTENTION

Metal Frame StoGuard® Detail Component (See Note 1) XPS Insulation Board Glass Mat Gypsum Sheathing (ASTM C1177 Compliant) StoGuard® Air and Water-Resisitive Barrier Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen® Metal Lath (Expanded Galvanized Self-Furred Diamond Mesh) StoPowerwall® Scratch Coat Sto Textured Finish Sto Prime Sto Flexyl and Sto Mesh on upper surface Sto Base Coat with Sto Mesh embedded (minimum 2 1/2"[64mm] onto stucco surface) Foam Build-Out StoPowerwall® Brown Coat Foam Build-Out Less than 2" thick (50mm)

#### Notes:

Detail No.: 62s.20

Date: July 2022

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
- 2. Refer to General Notes for specific information and design guidance on wall assembly components.
- 3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
- 4. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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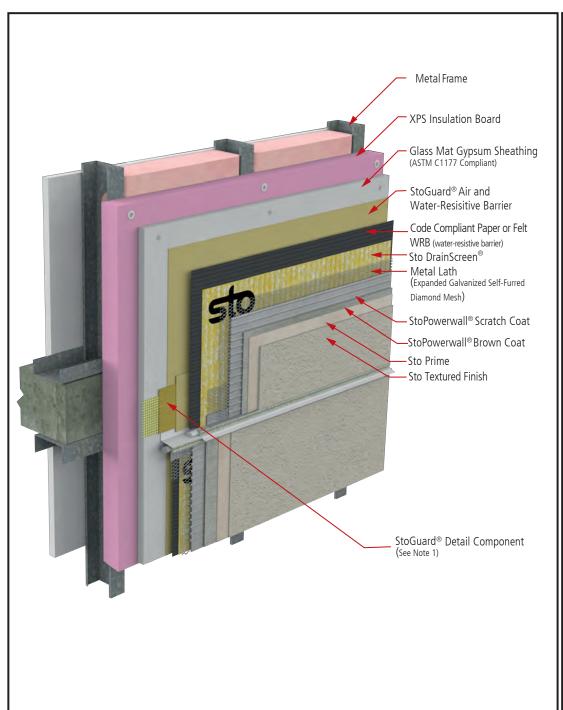




### Sto Powerwall®ci

ATTENTION

**Fire Protection** - Noncombustible Type Construction (NFPA 285) and 1 Hour Non-Load Bearing Fire-Resistive Rated Wall Assembly (ASTM E 119)



#### Notes:

Detail No.: 62s.FP

Date: July 2022

- 1. Refer to StoGuard® Product Use Chart (Table 1.1) for StoGuard® detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
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