

# StoGuard® Conformable Membrane

Installation Guide  
Series 23s.xx | January 2024

Facades



StoGuard® Conformable Membrane is a versatile, primerless self-adhered membrane used as a StoGuard Detail Component to seal dynamic joints, static joints, sheathing joints, penetrations, and rough openings as part of a StoGuard® Air and Water Resistive Barrier system.





# Installation Guide



## Table of Contents

Product Description and Membrane Sizes .....	3
Approved Substrates and Surface Preparation .....	4
Application Principles .....	6
StoGuard® Barriers & Detail Components .....	7
General Notes .....	8
StoGuard® Product Applications Chart .....	9
Guide Details .....	10



### ATTENTION

The final design of any project is the sole responsibility of the Design Professional, with considerations for compliance with local building and design codes and requirements. Sto Corp. accepts no liability for design, engineering, or workmanship of any project. The information provided herein is in addition to other technical data provided by Sto Corp. (System Bulletin, Specification, Guide Details, etc). For more information, please visit [www.stocorp.com](http://www.stocorp.com)

### 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](mailto:helpdesk.stocorp.com)





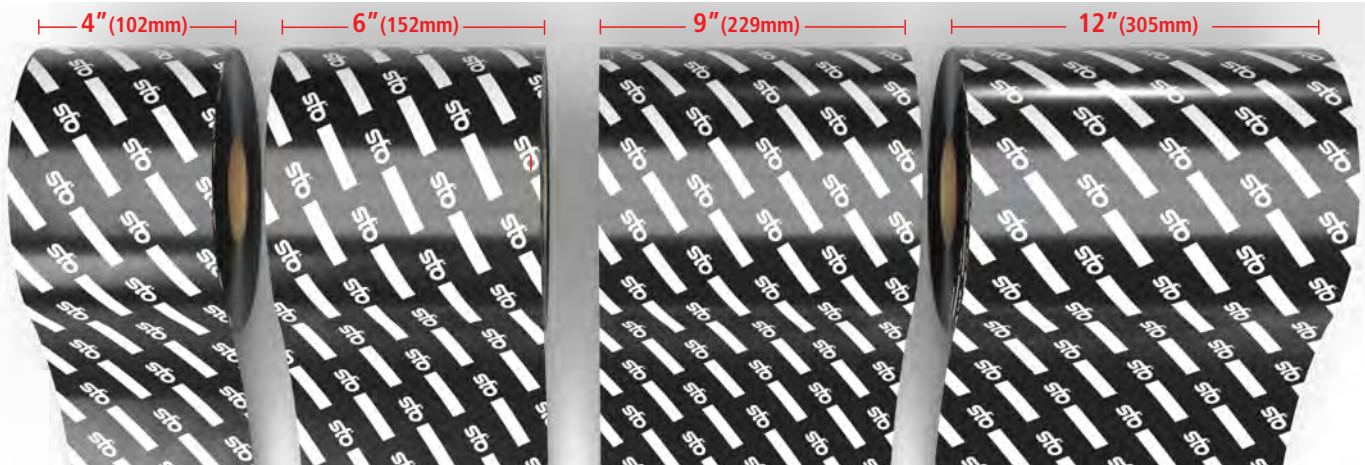
### StoGuard® Conformable Membrane

StoGuard® Conformable Membrane is a flexible, self-adhered membrane used as a StoGuard® Detail Component to seal dynamic joints, static joints, sheathing joints, penetrations, and rough openings as part of a StoGuard® Air and Water-Resistive Barrier system. It features an aggressive pressure-sensitive adhesive that allows primerless installation at temperatures as low as 20°F.

StoGuard® Conformable Membrane has been rigorously tested, meeting AAMA 711 requirements for flashing rough openings and ICC-ES AC212 to treat sheathing joints.

**Table 1.0 - StoGuard® Conformable Membrane Sizes**

Product	Product No.	Roll Length	Applications
<b>4"inch</b> (102mm)	81823-750	75 lineal feet/per carton 12 rolls per carton	Seal sheathing joints and seams, seal between window flange and wall sheathing, and counter-flashing over metal flashing.
<b>6"inch</b> (152mm) w/ split release liner	81823-751	75 lineal feet/per carton 8 rolls per carton	Seal static joints between dissimilar materials, flash exterior wall openings and protect rough openings (nominal 2"x4" framed opening), connect to above grade foundation waterproofing, connect to roof membrane, seal around wall penetrations such as pipes, scuppers, and vents, counter-flashing over metal flashing, seal dynamic joints in wall construction.
<b>9"inch</b> (229mm) w/ split release liner	81823-752	75 lineal feet/per carton 4 rolls per carton	Seal static joints between dissimilar materials, flash exterior wall openings and protect rough openings (nominal 2x4 or 2x6 framed opening), connect to above grade foundation waterproofing, connect to roof membrane, seal around wall penetrations such as pipes, scuppers, and vents, seal dynamic joints in wall construction.
<b>12"inch</b> (305mm) w/ split release liner	81823-753	75 lineal feet/per carton 4 rolls per carton	Seal static joints between dissimilar materials, flash exterior wall openings and protect rough openings (nominal 2x4 or 2x6 framed opening), connect to above grade foundation waterproofing, connect to roof membrane, seal around wall penetrations such as pipes, scuppers, and vents, seal dynamic joints in wall construction.





## Approved Substrates and Surface Preparations



### Glass-Mat Gypsum

Compliance with ASTM C1177: install with butt joints and fasteners flush with the surface. Surface must be structurally sound, clean, dry, and free of frost, dust, dirt, or any other bond inhibiting material, weather damage and physical damage or defects.



### Exterior Grade Plywood

Compliance with APA, Engineered Wood Construction Guide: install with joints gapped 1/8th inch (3mm) and fasteners flush with the surface. Surface must be structurally sound, clean, dry, and free of frost, dust, dirt, or any other bond-inhibiting material, weather damage and physical damage or defects.



### Exposure 1 OSB

Compliance with APA, Engineered Wood Construction Guide: install with joints gapped 1/8th inch (3mm) and fasteners flush with the surface. Surface must be structurally sound, clean, dry, and free of frost, dust, dirt, or any other bond-inhibiting material, weather damage and physical damage or defects.





## Approved Substrates and Surface Preparations (cont'd)



### **Code Compliant Concrete**

Concrete must be fully cured, structurally sound, clean, dry and free of frost, dust, dirt, grease, efflorescence, form release, curing compounds, paints or coatings, salts, laitance or any other bond-inhibiting material, weather damage and physical damage or defects. Concrete must be free of surface defects such as bugholes or honeycombs, and form ties must be removed. Repair or level prepared surfaces with Sto Leveler and Skim Coat or Sto Wall Leveler and Patch.



### **Cementitious Sheathing**

Compliant with ASTM C1325, Type A: install in conformance with manufacturer's written instructions. Fasteners must be flush with the surface. Surface must be structurally sound, clean, dry and free of frost, dirt, dust, grease, efflorescence or any other bond-inhibiting material, weather damage, and physical damage or defects.



### **Code Compliant Concrete Masonry**

Construct concrete masonry with flush joints, remove projecting mortar so it is even with the plane of the masonry units. Concrete masonry must be fully cured, structurally sound, clean, dry, and free of frost, dirt, dust, grease, efflorescence, paints or coatings, salts, laitance or any other bond-inhibiting material, weather damage and physical damage or defects.



## Substrate Preparation

Substrate must be clean, dry, and free of frost, dust, dirt, or any other bond-inhibiting material.

## Overlapping

A key to proper installation of StoGuard® Conformable Membrane is shingle lapping with a minimum of 2" (51mm) overlap on all membrane-to-membrane laps and adjacent surface overlaps.

## Rolling

A required process for membrane installation is to apply firm and uniform pressure by rolling with a hard rubber roller after placement. The rolling increases contact of the pressure-sensitive adhesive with the substrate and helps to produce a smooth and wrinkle-free surface.

**Hard Rubber Roller**  
(Ex. Brayer Roller)

## Topcoating

After StoGuard® Conformable Membrane installation is complete, a StoGuard® Air and Water-Resistive Barrier is applied.

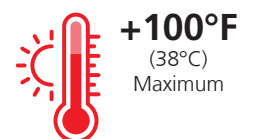
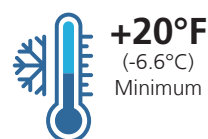
## Membrane Placement

Working from bottom to top of the wall, remove the release liner from the membrane, placing it by hand, then use a hard rubber roller to achieve a smooth and wrinkle-free surface. The 6", 9" and 12" (152mm, 229mm and 305mm) width membranes have a split release liner, providing the installer increased flexibility for positioning of the membrane.

## UV Exposure



## Application Temperature Range







## Fluid-Applied Membranes



**Sto Gold Coat®** - Spray or roller applied vapor-permeable air and water-resistive barrier for use behind most claddings and as part of StoTherm ci, StoPowerwall, StoQuik and StoVentec systems.



**Sto Gold Coat® TA** - Trowel applied vapor-permeable air and water-resistive barrier for use with StoTherm ci, StoPowerwall and StoQuik systems.



**Sto AirSeal®** - Spray or roller applied vapor-permeable air and water-resistive barrier for use behind most claddings and as part of StoTherm ci, StoPowerwall, StoQuik and StoVentec systems.



**StoGuard VaporSeal®** - Spray or roller applied Class 1 vapor retarder. Also functions as an air and water-resistive barrier for use behind most claddings and as part of StoTherm ci, StoPowerwall, StoQuik and StoVentec systems.

## Detail Component Products



**Sto RapidGuard®** - One component air barrier and waterproof material used to protect rough openings, sheathing joints, seams, cracks, penetrations, and other transitions in above grade wall construction.



**StoGuard® Conformable Membrane** - A versatile, easy to install membrane that simplifies detailing of transitions for air barrier continuity in Sto proprietary wall systems and other wall assemblies.



**StoGuard® Fabric** - Non-woven cloth reinforcement used to treat sheathing joints and rough openings when embedded in Sto Gold Coat, Sto AirSeal or StoGuard VaporSeal.



**StoGuard® RediCorner** - A preformed StoGuard® fabric piece used in the corners of rough openings for quicker installation.



**Sto Gold Fill®** - Trowel applied compound used with StoGuard Mesh or StoGuard Detail Mesh to treat rough openings and sheathing joints.



**StoGuard® Mesh** - Self-adhesive, glass fiber reinforcement used with Sto Gold Fill and Sto Gold Coat TA as part of the StoGuard® assembly.



**Sto Detail Mesh** - Glass fiber reinforcement mesh used with Sto Gold Fill and Sto Gold Coat TA.



**StoGuard® Transition Membrane** - Flexible air barrier material used to make connections with adjoining construction and dissimilar materials, and to bridge dynamic joints.



## Installation Instructions

Apply only when surface and ambient temperatures are 20°F and 100°F (-6.7°C and 38°C). Apply only to structurally sound, clean, dry surfaces, free of frost, surface contamination, weather damage, and physical damage or defects.

1. Pre-cut pieces with scissors or a scoring knife to required length and pre-fit for precision and productivity.
2. Remove release liner (or one side of split release liner for widths with split release) from back of membrane.
3. Press membrane into place by hand to achieve a smooth, wrinkle-free surface.
4. Remove other side of the split release liner for widths with split release and place by hand as above.
5. Overlap minimum 2 inches (51mm) onto adjacent surfaces and at membrane-to-membrane overlaps to achieve a smooth, wrinkle-free surface. Follow the principle of shingle lapping at all horizontal overlaps.
6. IMPORTANT: APPLY FIRM UNIFORM PRESSURE WITH A HARD RUBBER ROLLER IMMEDIATELY AFTER THE MEMBRANE IS IN PLACE. ELIMINATE FISHMOUTHS OR OTHER FLAWS IN THE MEMBRANE SURFACE, PARTICULARLY AT EDGES AND ENDS. Use Sto RapidGuard® gun-applied air barrier and waterproofing to seal fishmouthing and any other voids in the membrane.
7. Topcoat with specified Sto air and water-resistive barrier coating within 90 days of application. At rough openings the coating does not need to return into the opening.

## Priming

Certain substrates may require priming to fill the texture of the substrate and enhance adhesion, depending on the condition of the surface. In such cases use compatible primer. When priming, substrate and ambient temperature must be 40°F (4°C) and rising for a minimum of 24 hours.

## Product Limitations

1. Apply only when surface and ambient temperatures are 20°F and 100°F (-6.7°C and 38°C).
2. Do not use below grade or on surfaces subject to in-service water immersion.
3. Do not use as a roofing membrane.
4. Not intended for prolonged (more than 90 days) UV exposure.
5. CMU surfaces: joints should be struck flush with the surface (smooth) to prevent water infiltration behind the membrane, as water may enter during construction due to concavity or unevenness of mortar joints.
6. Not recommended as a substrate for weather exposed sealants. Verify adhesion of sealant with lab or field tests when used as substrate for air barrier connections and other non-weather exposed sealant applications.





**Table 1.1 - StoGuard® Air & Water-Resistive Barrier Product Applications**

StoGuard® Detail Component	Sheathing Joints and Corners	Flashing and Rough Opening Protection	Penetrations	Static Joints and Seams	Dynamic Joints
Sto RapidGuard®	✓	✓	✓	✓	
<b>StoGuard® Conformable Membrane</b>	✓	✓	✓	✓	✓
StoGuard® Fluid Applied Air & Water-Resistive Barrier with StoGuard® Fabric	✓	✓	✓		
StoGuard® Transition Membrane embedded with any StoGuard® Fluid Applied Air & Water-Resistive Barrier				✓	✓
Sto Gold Fill with StoGuard® Mesh (or Sto Detail Mesh embedded)	✓	✓	✓		
Sto Gold Coat® TA with StoGuard® Mesh	✓	✓	✓		

<sup>1</sup> StoGuard® Fluid Applied Air & Water-Resistive Barriers: Sto AirSeal®, Sto Gold Coat®, Sto Gold Coat®TA, StoGuard®VaporSeal®



# Guide Details

## Installation at Joints

Horizontal and Vertical Joint Treatment over Sheathing .....	23s.00
Termination at Grade - Flush Sheathing .....	23s.01A
Termination at Grade - Non-Flush Sheathing .....	23s.01B
Termination at Grade - Masonry Ledge .....	23s.01C
Vertical Expansion Joint .....	23s.05
Horizontal Deflection Joint at Floor Line .....	23s.06

## Installation at Corners

Inside Corner .....	23s.10A
Inside Corner at Wall Set-back .....	23s.10B
Inside Corner - Dissimilar Substrates .....	23s.11
Outside Corner .....	23s.12A
Outside Corner at Wall Set-back .....	23s.12B

## Installation at Windows

Rough Opening Protection .....	23s.20
Window - Nail Fin .....	23s.23

## Installation at Balcony, Parapet and Abutments

Balcony - Floor to Wall .....	23s.43
Balcony - Wall to Ceiling .....	23s.44
Balcony - Wall to Deck .....	23s.45
Termination at Parapet .....	23s.60
Saddle Flashing .....	23s.64

## Installation at Penetrations

Pipe Penetration - Small .....	23s.70
Pipe Penetration - Large .....	23s.71
Fixture or Electrical Box Attachment .....	23s.73
Scupper Penetration .....	23s.75

## Installation with Alternative Framing Options

Backer Membrane for Z-Furring .....	23s.80
-------------------------------------	--------

## Common Repair

Small Hole in Substrate .....	23s.90A
Damage to Membrane .....	23s.90B
Fishmouths and Membrane Irregularities .....	23s.90C
Coverage of Pinholes with Sto RapidGuard® .....	23s.90D



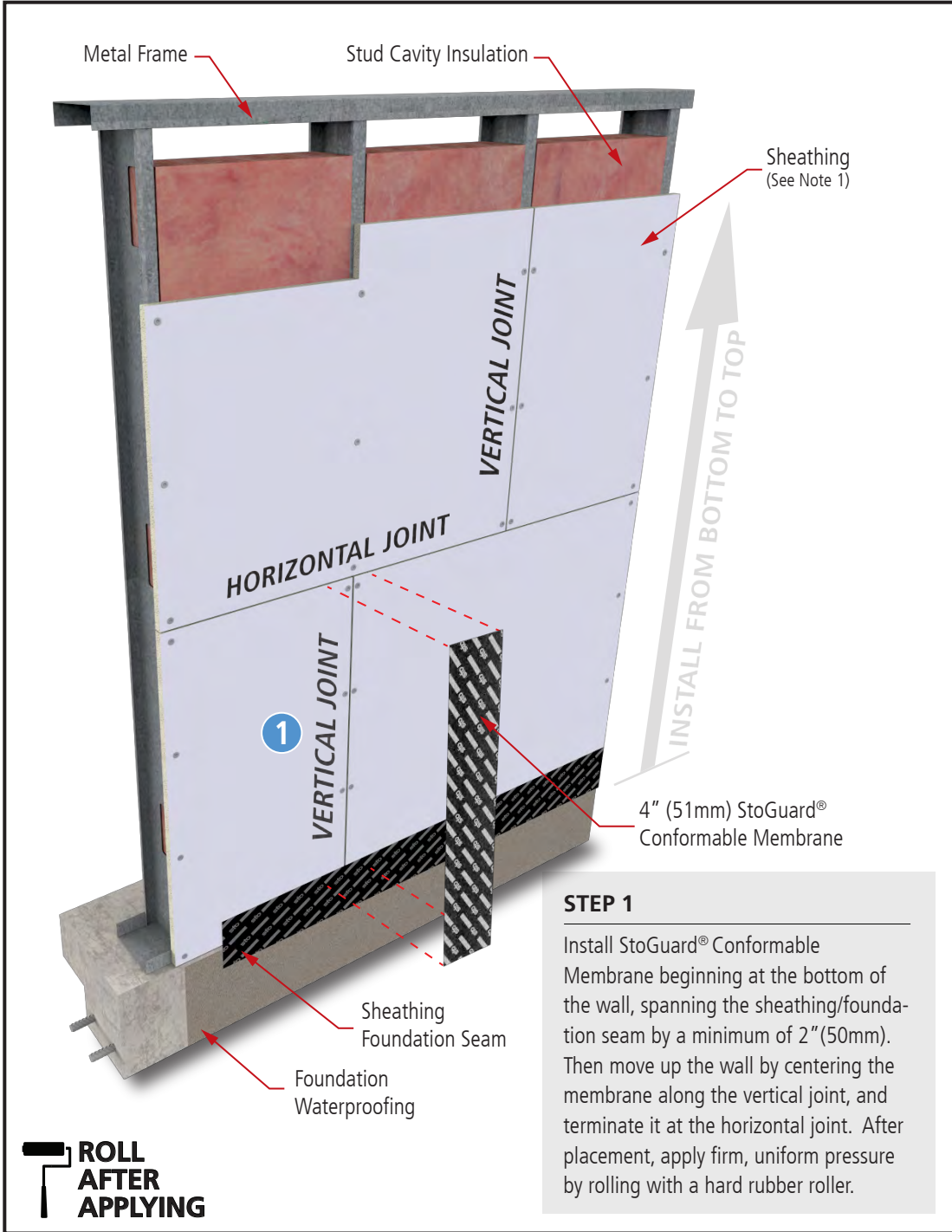
# StoGuard® Conformable Membrane

## Horizontal and Vertical Joint Treatment over Sheathing

Detail No.: 23s.00

Date: April 2023

Page 1 of 4



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

### 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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



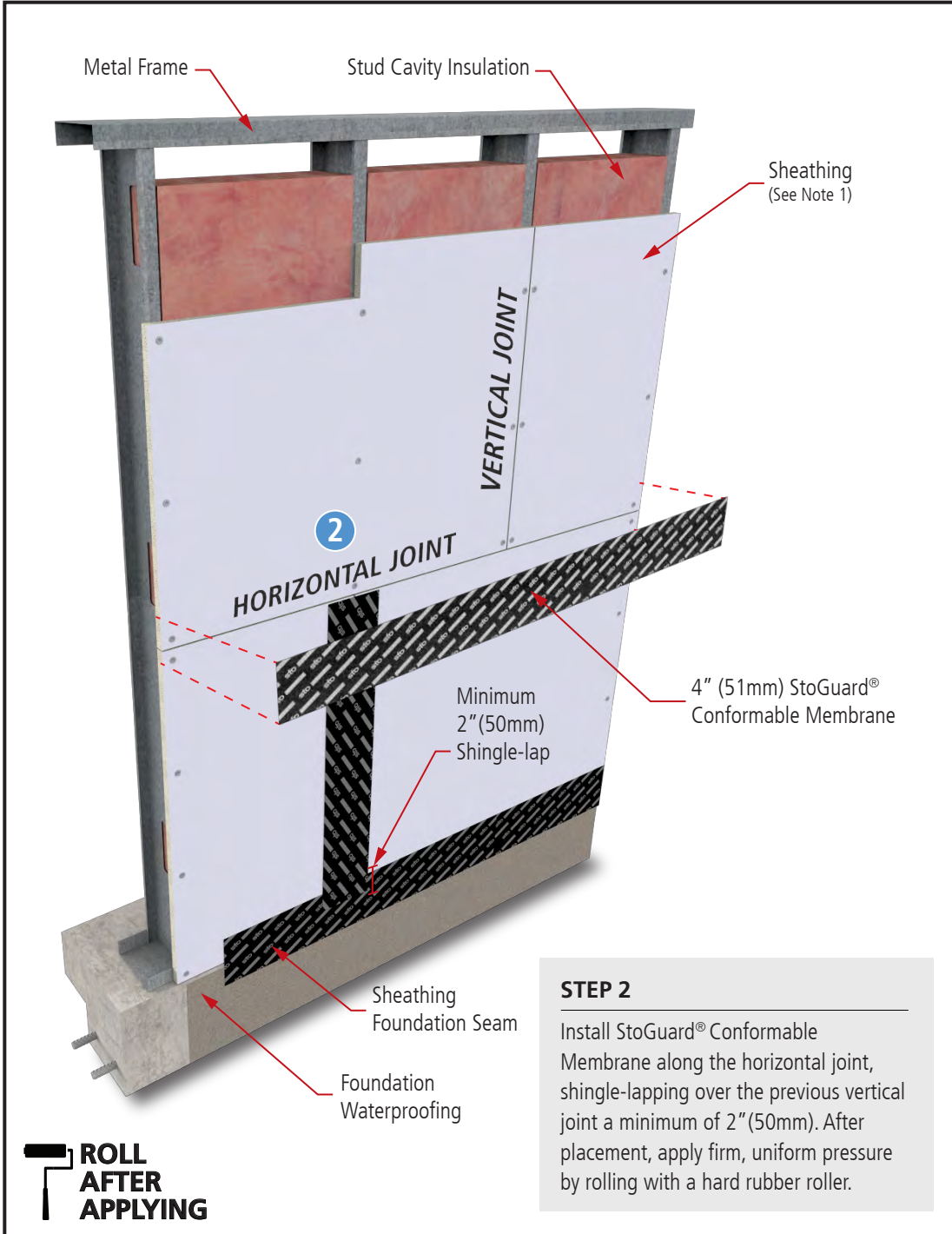
# StoGuard® Conformable Membrane

## Horizontal and Vertical Joint Treatment over Sheathing

Detail No.: 23s.00

Date: April 2023

Page 2 of 4



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.
  5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**STEP 2**

Install StoGuard® Conformable Membrane along the horizontal joint, shingle-lapping over the previous vertical joint a minimum of 2" (50mm). After placement, apply firm, uniform pressure by rolling with a hard rubber roller.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



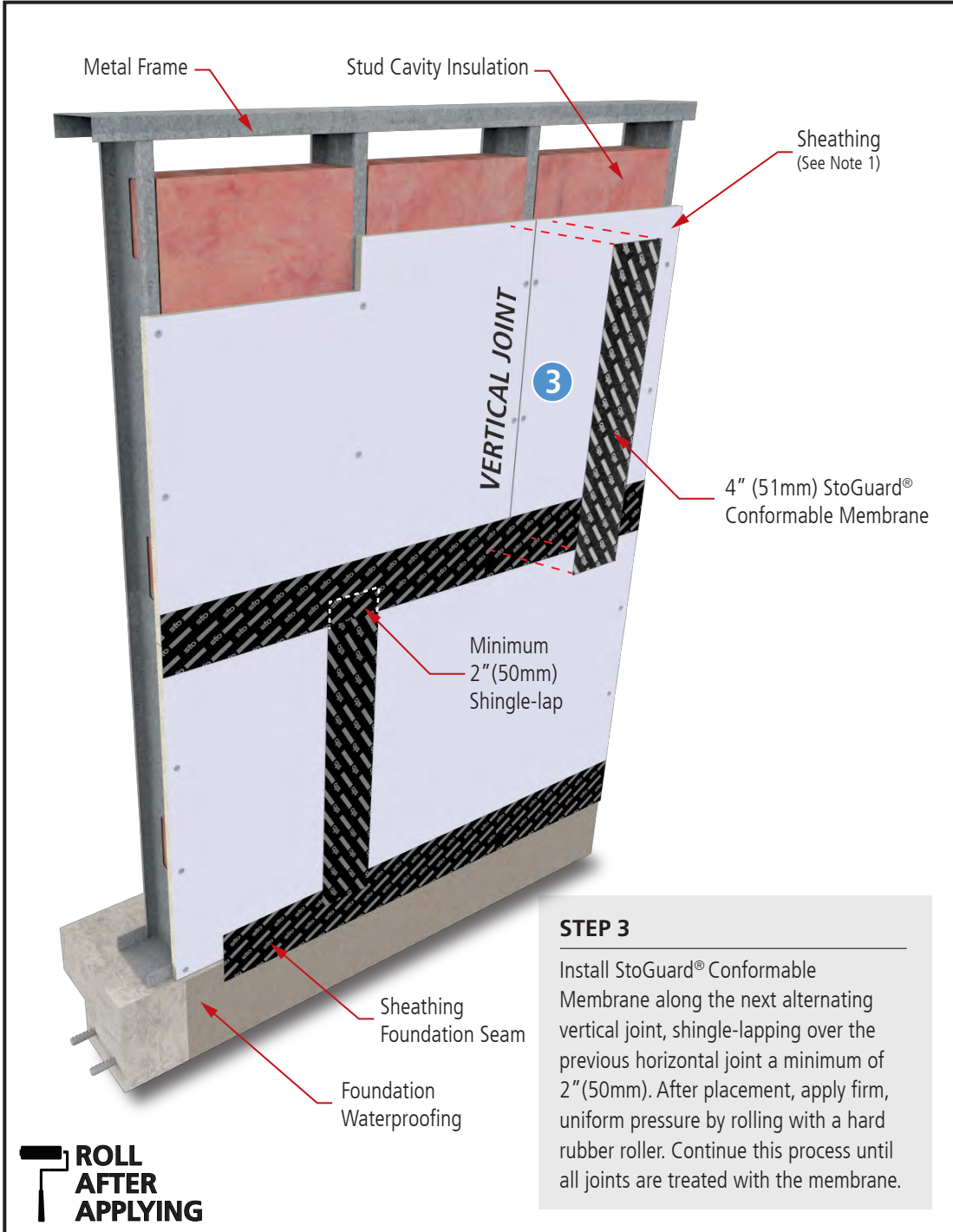
# StoGuard® Conformable Membrane

## Horizontal and Vertical Joint Treatment over Sheathing

Detail No.: 23s.00

Date: April 2023

Page 3 of 4



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.
  5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**STEP 3**

Install StoGuard® Conformable Membrane along the next alternating vertical joint, shingle-lapping over the previous horizontal joint a minimum of 2" (50mm). After placement, apply firm, uniform pressure by rolling with a hard rubber roller. Continue this process until all joints are treated with the membrane.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



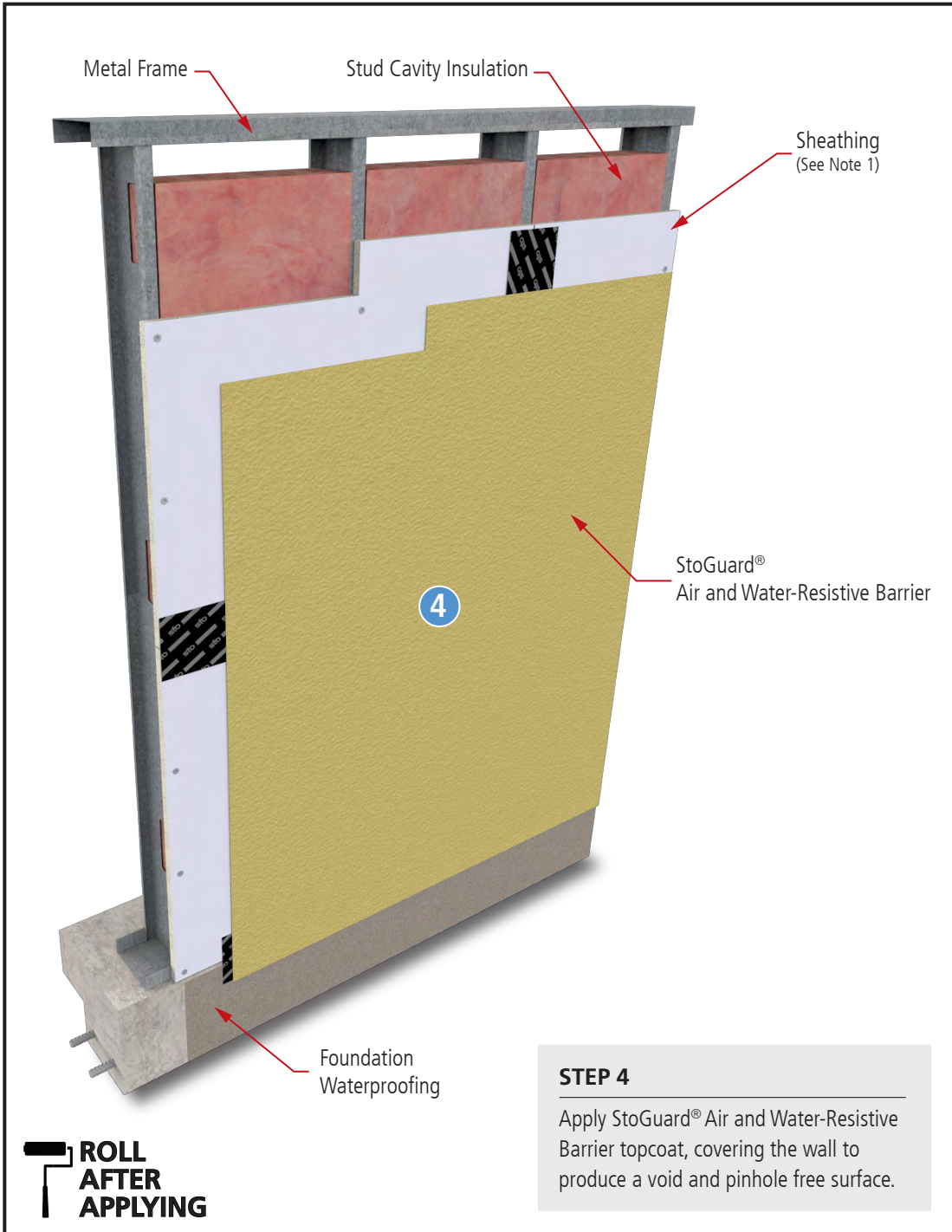


# StoGuard® Conformable Membrane Horizontal and Vertical Joint Treatment over Sheathing

Detail No.: 23s.00

Date: April 2023

Page 4 of 4



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

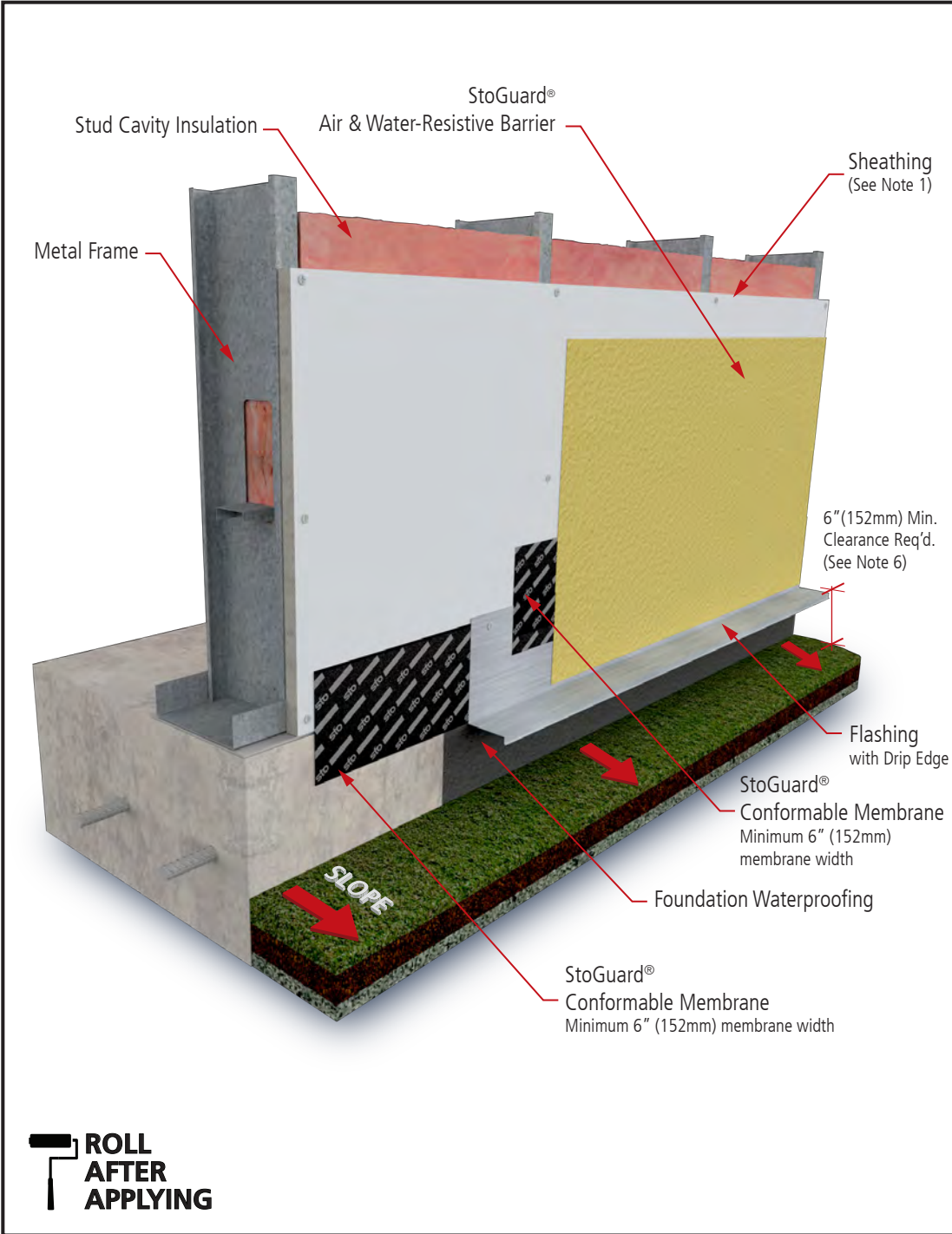
[www.stocorp.com](http://www.stocorp.com)





# StoGuard® Conformable Membrane Terminations at Grade Sheathing Flush with Foundation or Slab Edge

Detail No.: 23s.01A  
Date: April 2023



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.
  5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.
  6. Thru-Wall Flashing type to be determined by the design professional.
  7. Minimum clearance required above finished grade: 6" (152mm) when foam plastic insulation is used.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

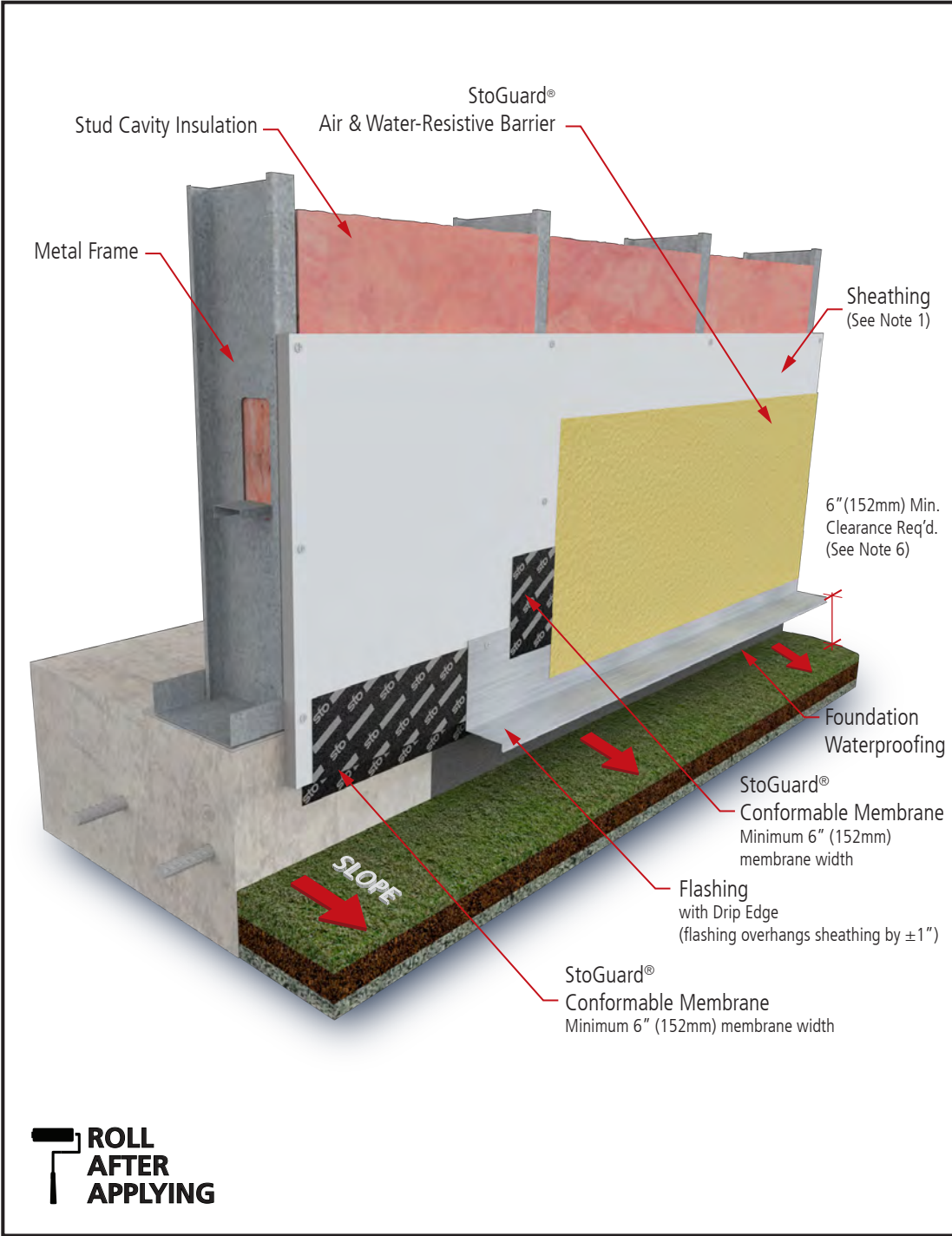
[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Terminations at Grade

## Sheathing Overlapping Foundation or Slab Edge

Detail No.: 23s.01B  
Date: April 2023



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.
6. Thru-Wall Flashing type to be determined by the design professional.
7. Minimum clearance required above finished grade: 6" (152mm) when foam plastic insulation is used.



**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, or 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.

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](http://www.stocorp.com).

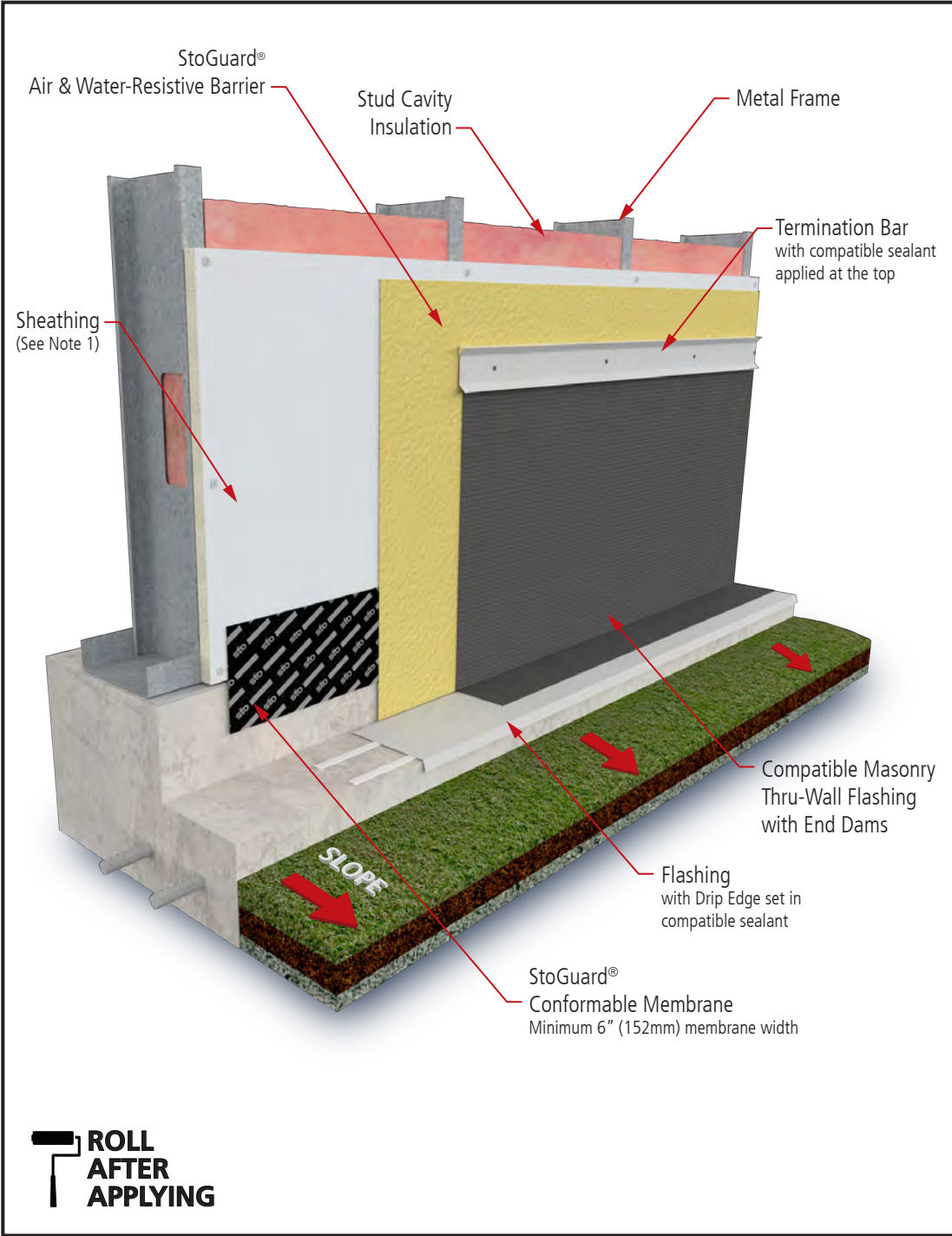
Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Terminations at Grade Base of Wall - Masonry Ledge

Detail No.: 23s.01C  
Date: April 2023



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.
6. Thru-Wall Flashing type to be determined by the design professional.
7. Minimum clearance required above finished grade: 6" (152mm) when foam plastic insulation is used.



### ATTENTION

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

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](http://www.stocorp.com).





# StoGuard® Conformable Membrane Vertical Expansion Joint

Detail No.: 23s.05

Date: April 2023

Page 1 of 3

**1**

ADHERE SECTION B TO TOP OF THIS HALF

REMOVE THIS HALF OF RELEASE LINER

6" (152mm) StoGuard® Conformable Membrane

**STEP 1 - Preparation**

Cut two sections (A and B) of 6" (152mm) StoGuard® Conformable Membrane to a manageable length approximately 5' to 6'.

**STEP 2 - Combine Sections**

Remove one-half of the back release liner on Section B and place on top (front) of one-half side of Section A to create one combined membrane (A + B) that is 9" wide and also results in three 2" (51mm) release liner sections on the back side (left, middle and right) of the membrane. The center release liner will not be removed and functions as a looped bond breaker for the expansion joint.

3" (76mm)    Loop Section    3" (76mm)

3" (76mm)

**2**

Left Release Liner    Center Release Liner    Right Release Liner

Do not remove (serves as bond breaker)

9" (152mm) Combined Lineal Width

**ROLL AFTER APPLYING**

- Notes:**
- Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  - Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  - INSTALL TIP:** For improved membrane installation, mark 3" (76mm) guide lines on both sides of the expansion joint to designate where the membrane will terminate.
  - IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  - 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**

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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



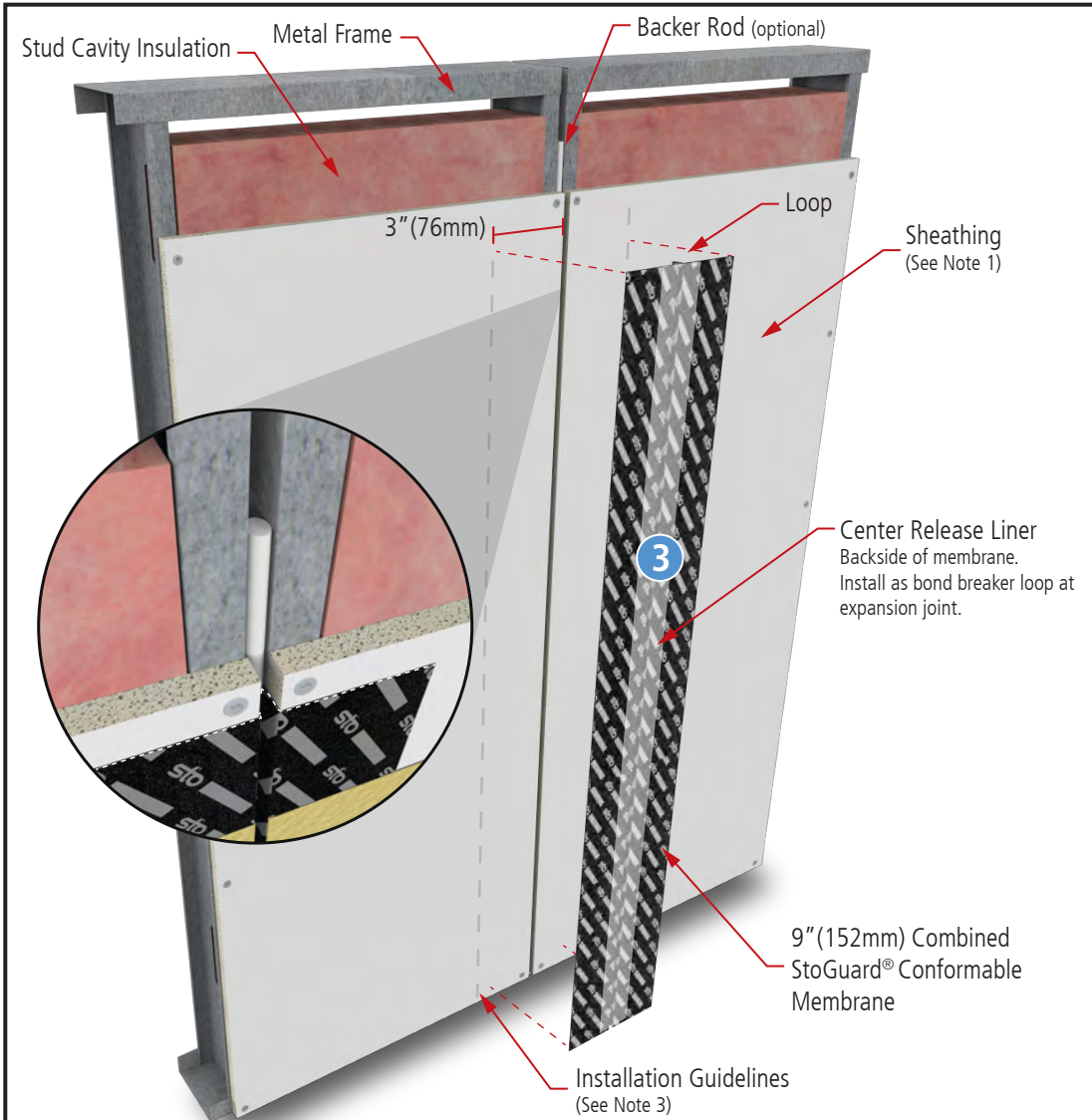


# StoGuard® Conformable Membrane Vertical Expansion Joint

Detail No.: 23s.05

Date: April 2023

Page 2 of 3



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** For improved membrane installation, mark 3" (76mm) guide lines on both sides of the expansion joint to designate where the membrane will terminate.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

**STEP 3**

Install the membrane by first removing one side (left or right) release liner, and place by hand onto the substrate. Use a blunt, smooth-sided tool to push the center "loop section" into the expansion joint. Then, remove the other side of the release liner and place by hand onto the substrate. After placement, apply firm, uniform pressure by rolling the membrane with a hard rubber roller.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

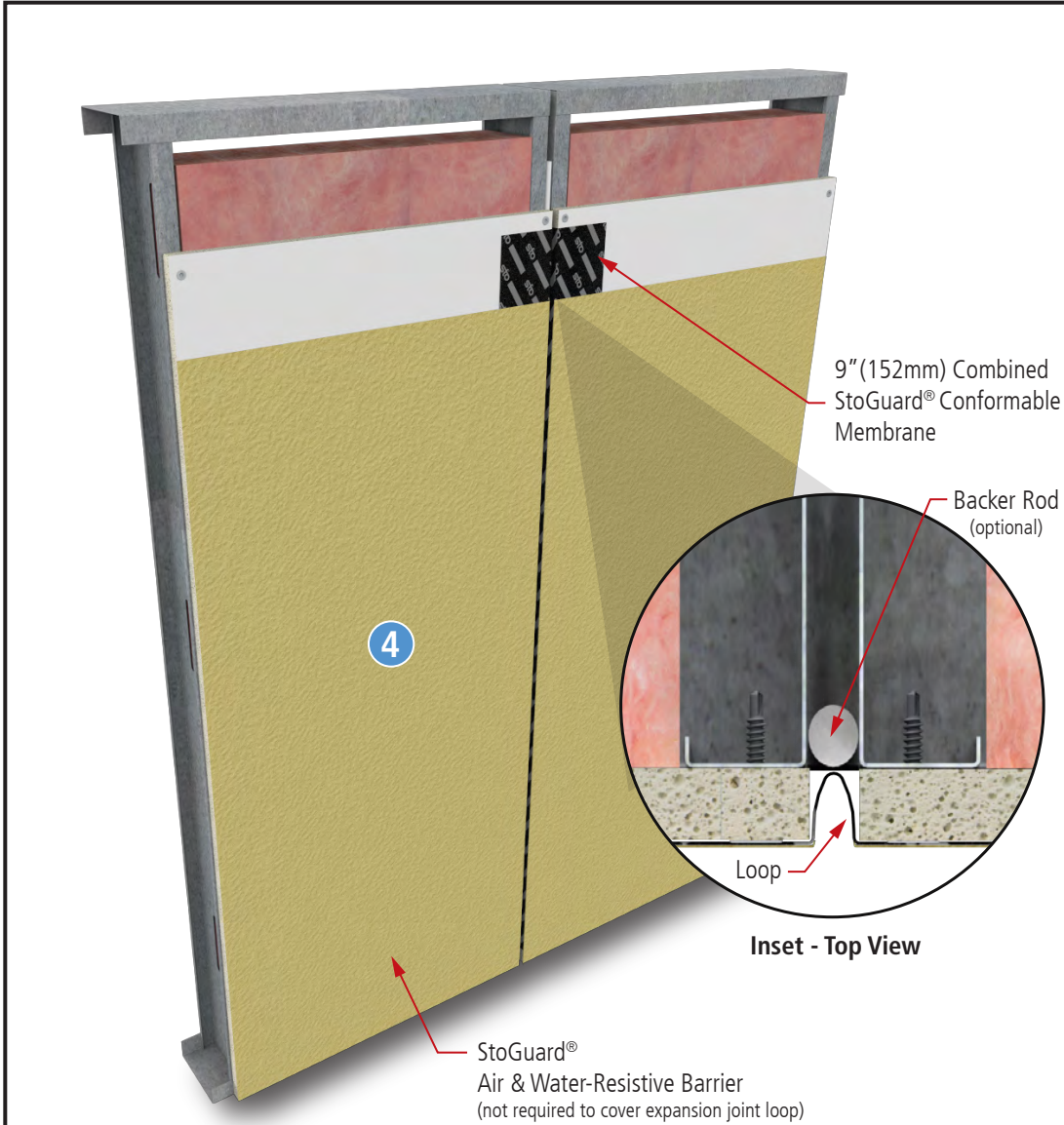


# StoGuard® Conformable Membrane Vertical Expansion Joint

Detail No.: 23s.05

Date: April 2023

Page 3 of 3



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** For improved membrane installation, mark 3" (76mm) guide lines on both sides of the expansion joint to designate where the membrane will terminate.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

**STEP 4**  
Apply StoGuard® Air and Water-Resistive Barrier topcoat, covering the wall to produce a void and pinhole free surface.



**ATTENTION**

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

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](http://www.stocorp.com).

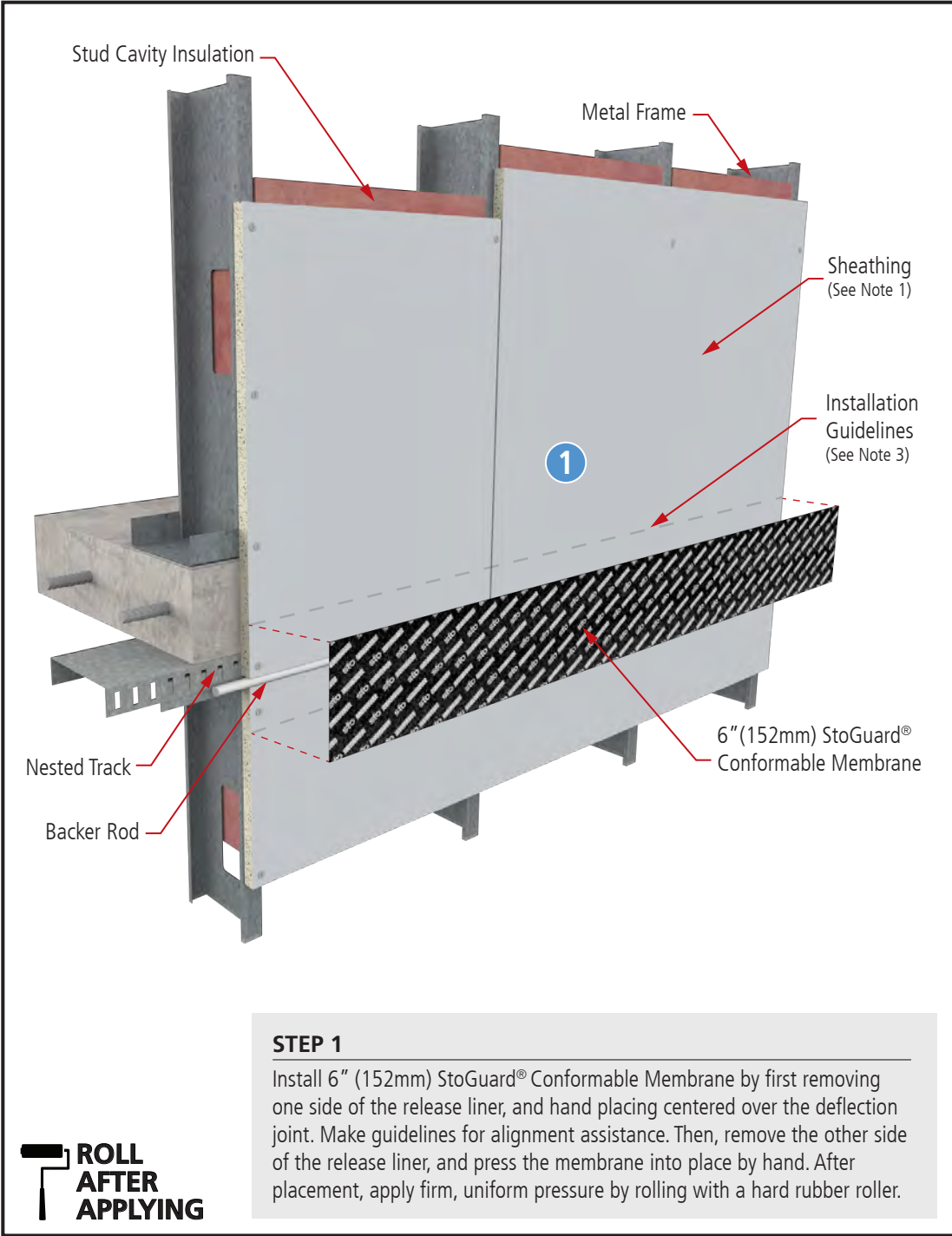


# StoGuard® Conformable Membrane Horizontal Deflection Joint - Floor Line

Detail No.: 23s.06

Date: April 2023

Page 1 of 3



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** For improved membrane installation, mark 3" (76mm) guide lines on both sides of the deflection joint to designate where the membrane will terminate.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

**ATTENTION**

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

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](http://www.stocorp.com).



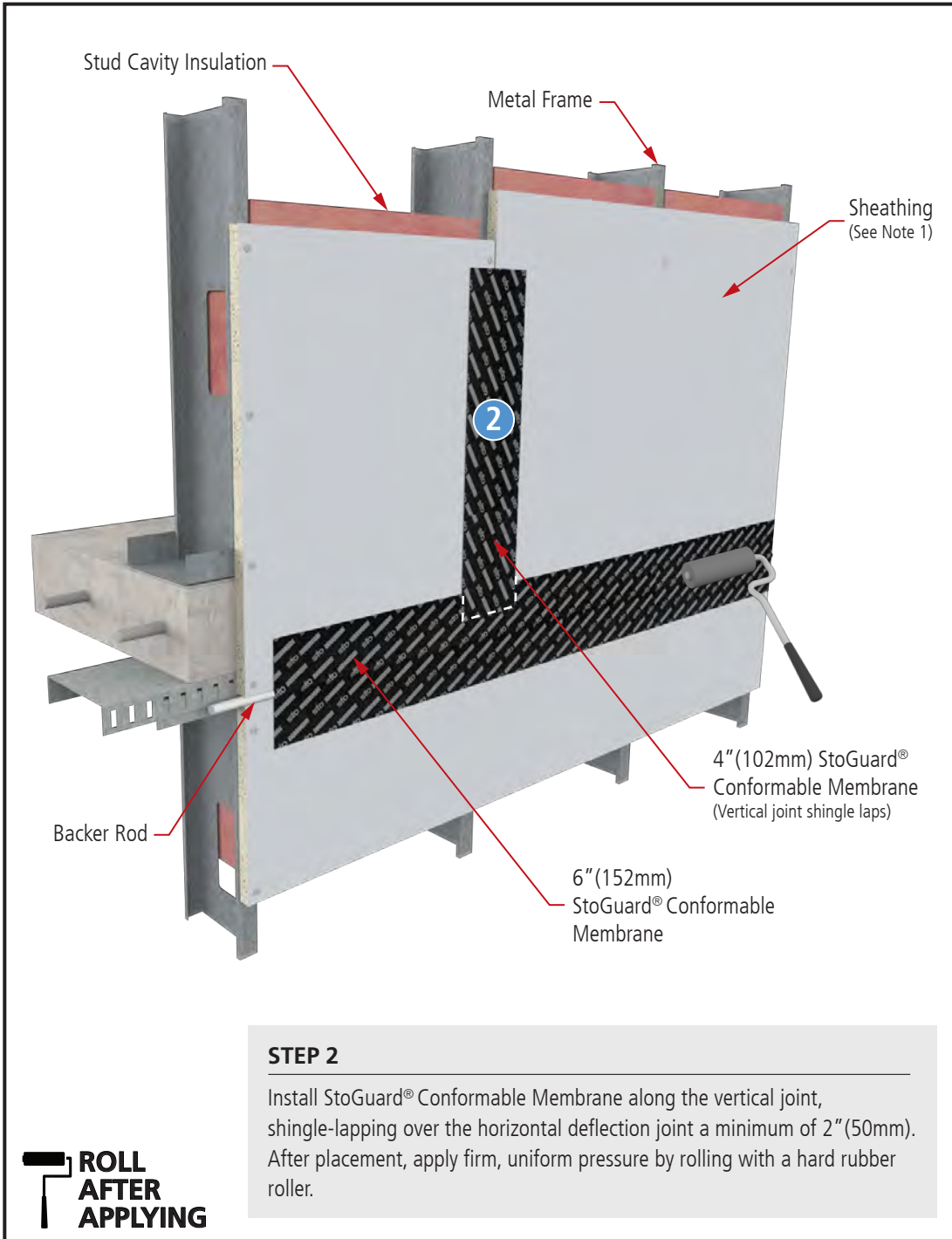


# StoGuard® Conformable Membrane Horizontal Deflection Joint - Floor Line

Detail No.: 23s.06

Date: April 2023

Page 2 of 3



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** For improved membrane installation, mark 3" (76mm) guide lines on both sides of the deflection joint to designate where the membrane will terminate.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

### STEP 2

Install StoGuard® Conformable Membrane along the vertical joint, shingle-lapping over the horizontal deflection joint a minimum of 2" (50mm). After placement, apply firm, uniform pressure by rolling with a hard rubber roller.



### 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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



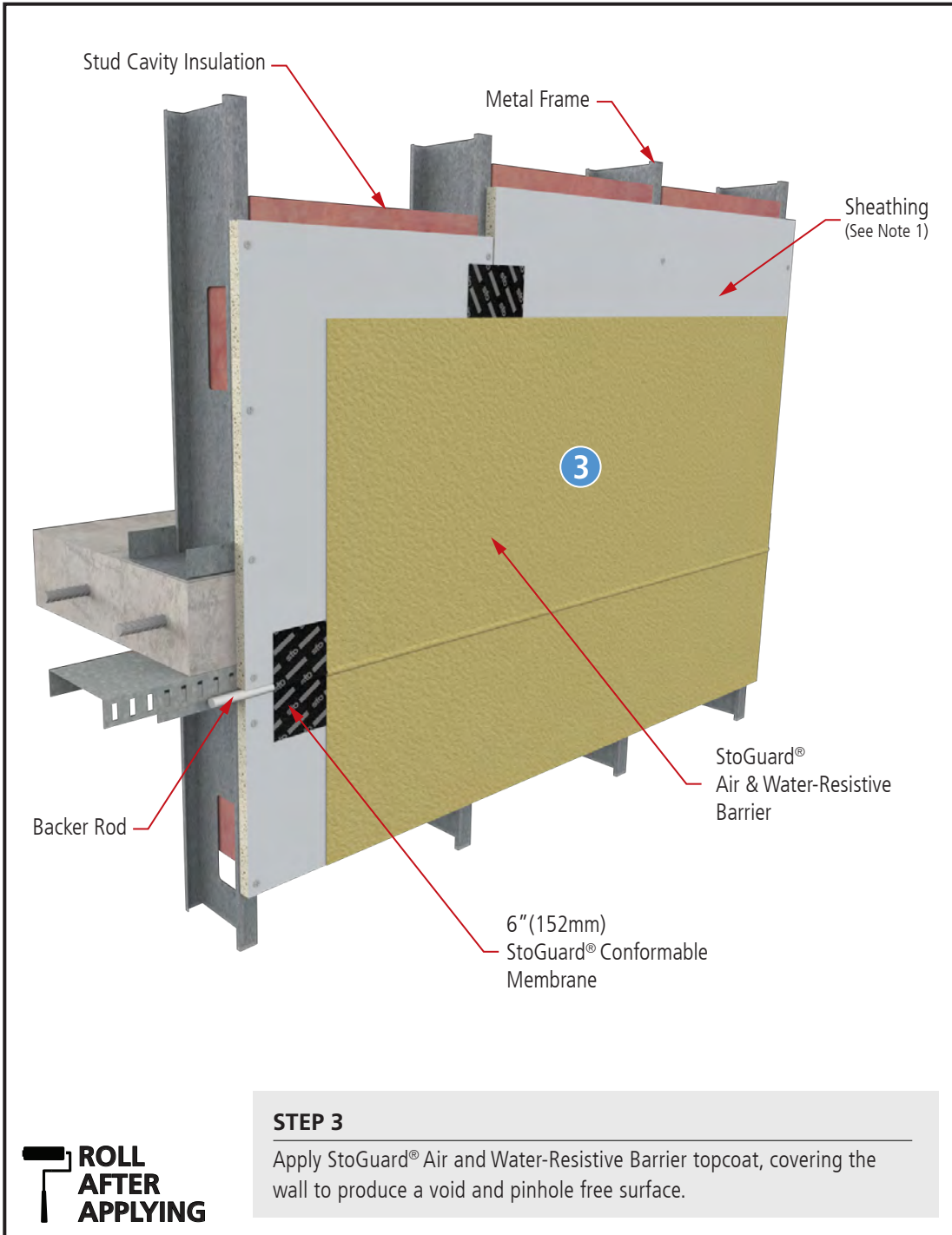


# StoGuard® Conformable Membrane Horizontal Deflection Joint - Floor Line

Detail No.: 23s.06

Date: April 2023

Page 3 of 3



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** For improved membrane installation, mark 3" (76mm) guide lines on both sides of the deflection joint to designate where the membrane will terminate.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

### ATTENTION

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

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](http://www.stocorp.com).

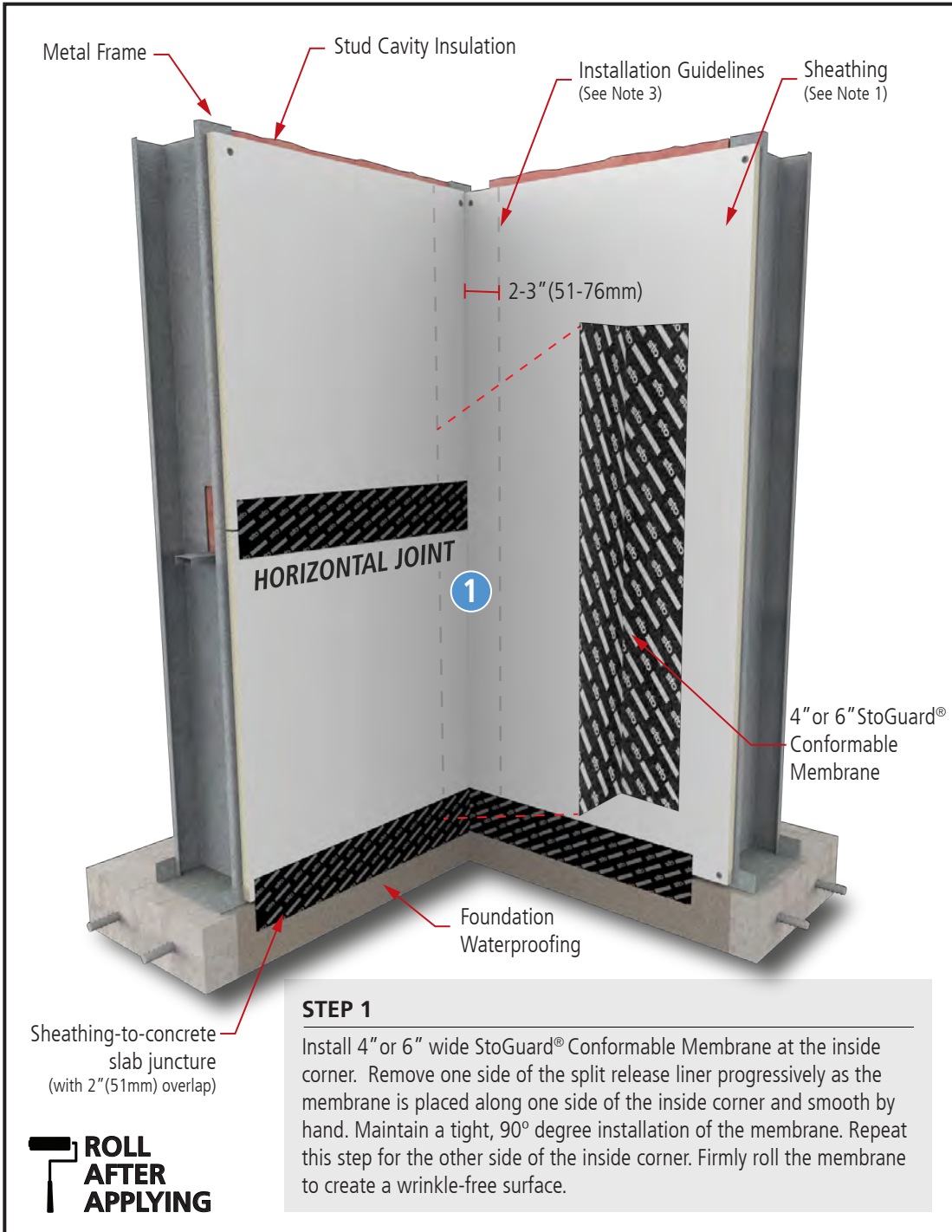


# StoGuard® Conformable Membrane Inside Corner

Detail No.: 23s.10A

Date: April 2023

Page 1 of 4



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

### 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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

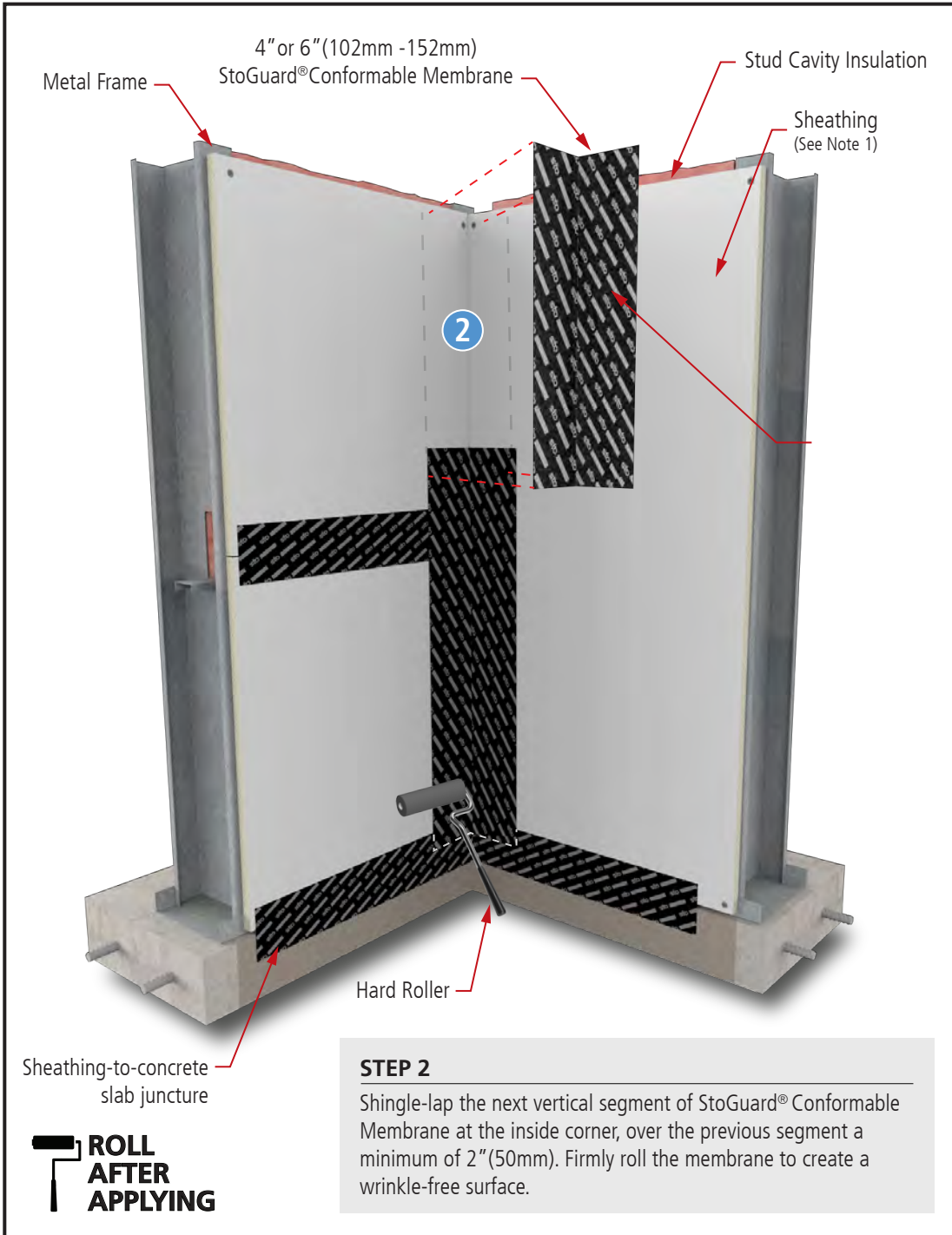


# StoGuard® Conformable Membrane Inside Corner

Detail No.: 23s.10A

Date: April 2023

Page 2 of 4



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
  4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.
  6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**STEP 2**  
Shingle-lap the next vertical segment of StoGuard® Conformable Membrane at the inside corner, over the previous segment a minimum of 2" (50mm). Firmly roll the membrane to create a wrinkle-free surface.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



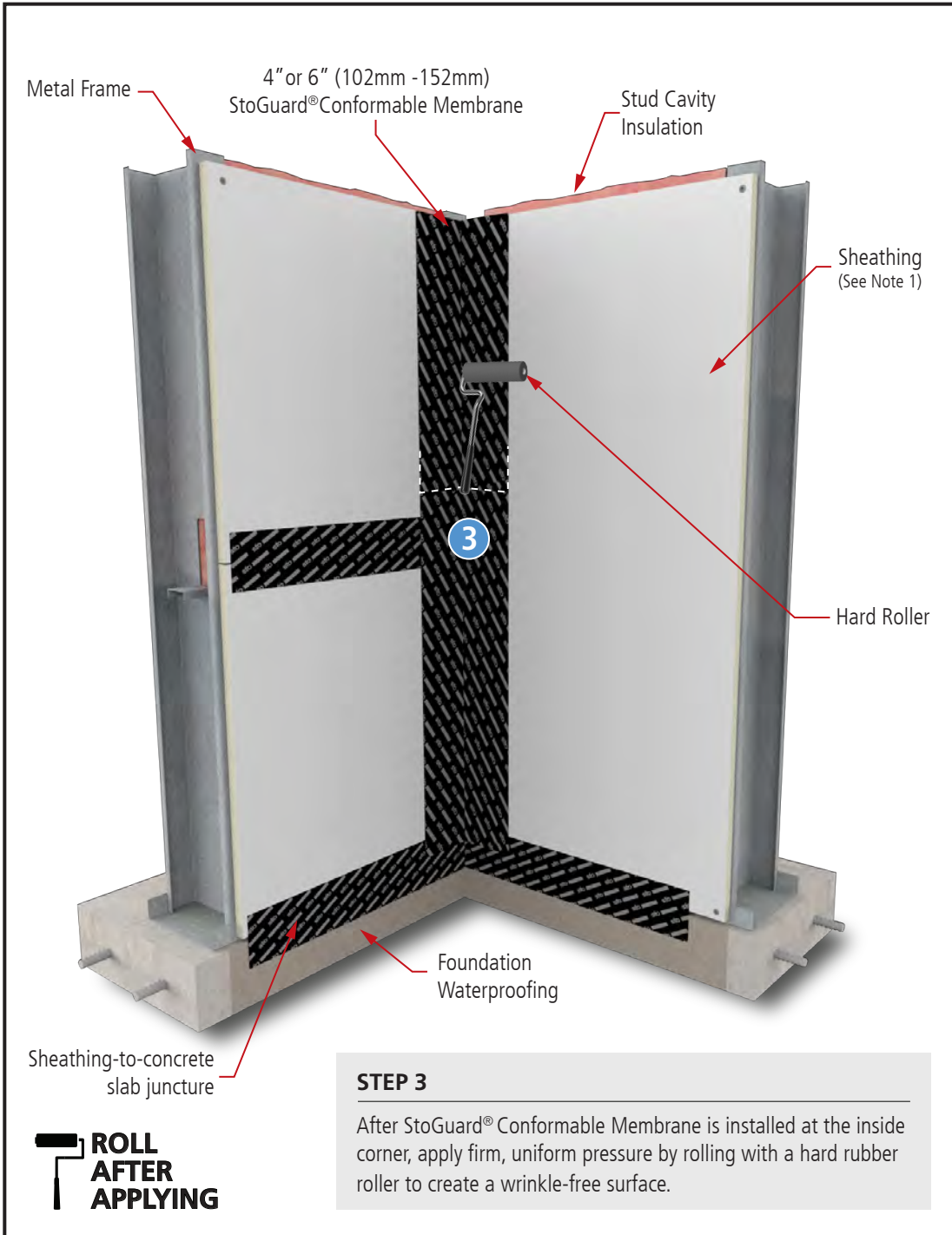


# StoGuard® Conformable Membrane Inside Corner

Detail No.: 23s.10A

Date: April 2023

Page 3 of 4



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**ATTENTION**

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

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](http://www.stocorp.com).

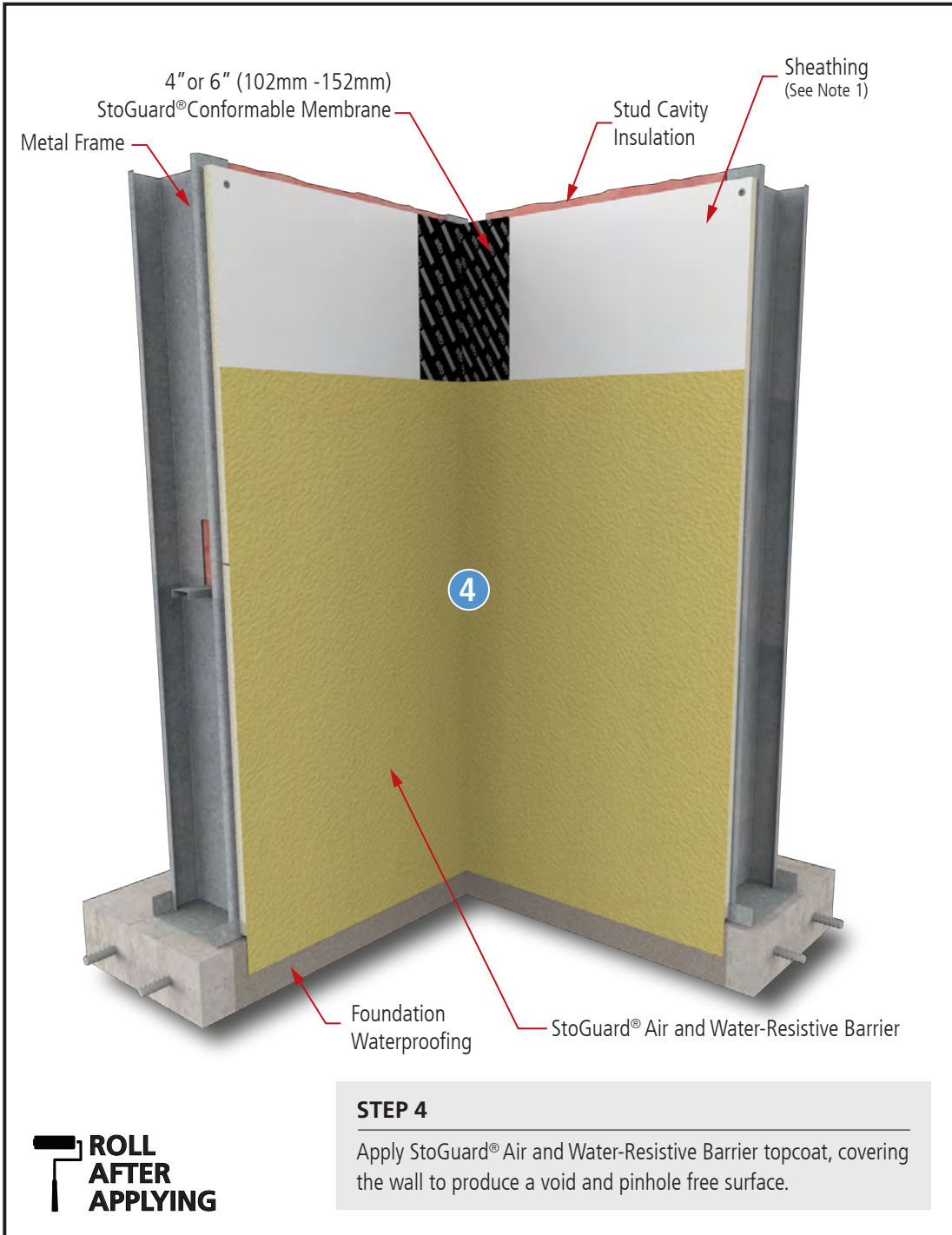


# StoGuard® Conformable Membrane Inside Corner

Detail No.: 23s.10A

Date: April 2023

Page 4 of 4



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
  4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.
  6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**STEP 4**

Apply StoGuard® Air and Water-Resistive Barrier topcoat, covering the wall to produce a void and pinhole free surface.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Inside Corner - Termination at Wall Set-back

Detail No.: 23s.10B

Date: April 2023

Page 1 of 2

### Notes:

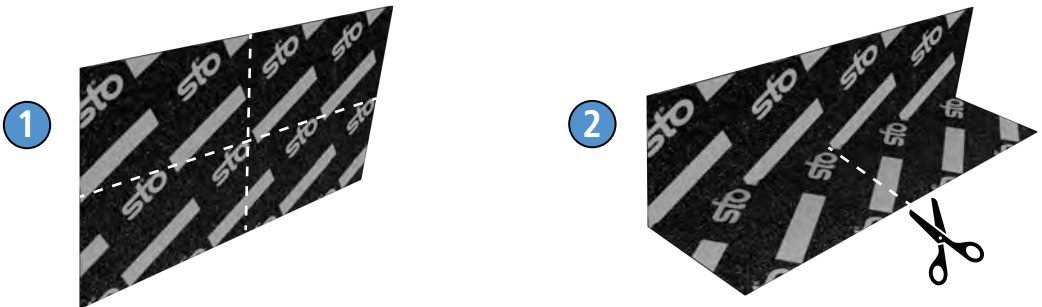
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.

2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.

3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.

4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.

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.

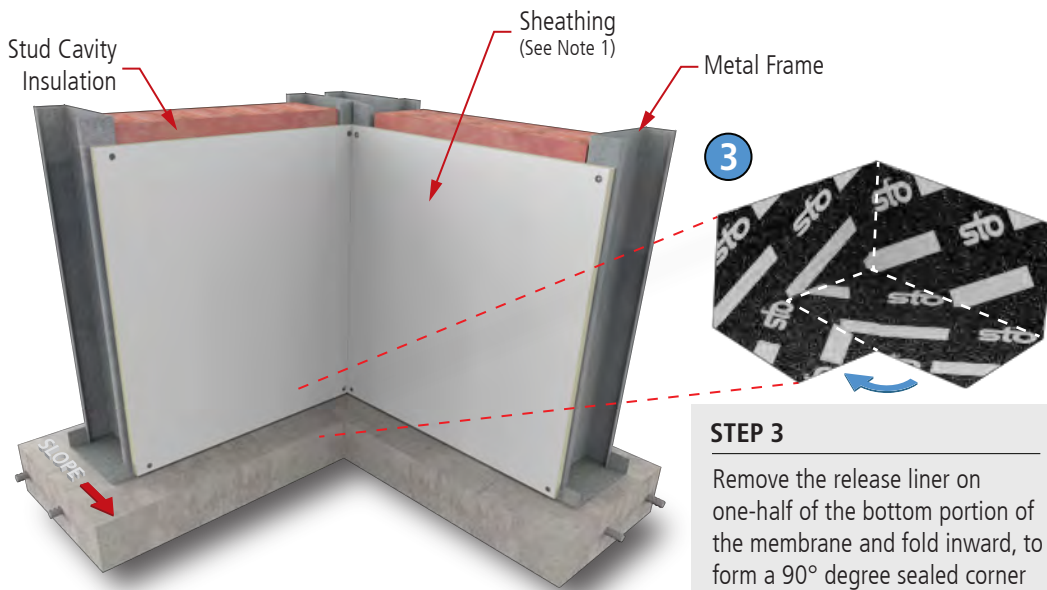


#### STEP 1

Cut a piece of 6" (152mm) StoGuard® Conformable Membrane approximately 9" (229mm) in length and fold in the middle on both axes.

#### STEP 2

Cut a 3" (76mm) slit along the middle axis of the 6" (152mm) width of the membrane.



#### STEP 3

Remove the release liner on one-half of the bottom portion of the membrane and fold inward, to form a 90° degree sealed corner piece.

Remove the remaining release liners and place into the inside corner of wall over the sheathing-to-concrete slab juncture. After placement, apply firm, uniform pressure by rolling with a hard rubber roller.



### 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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



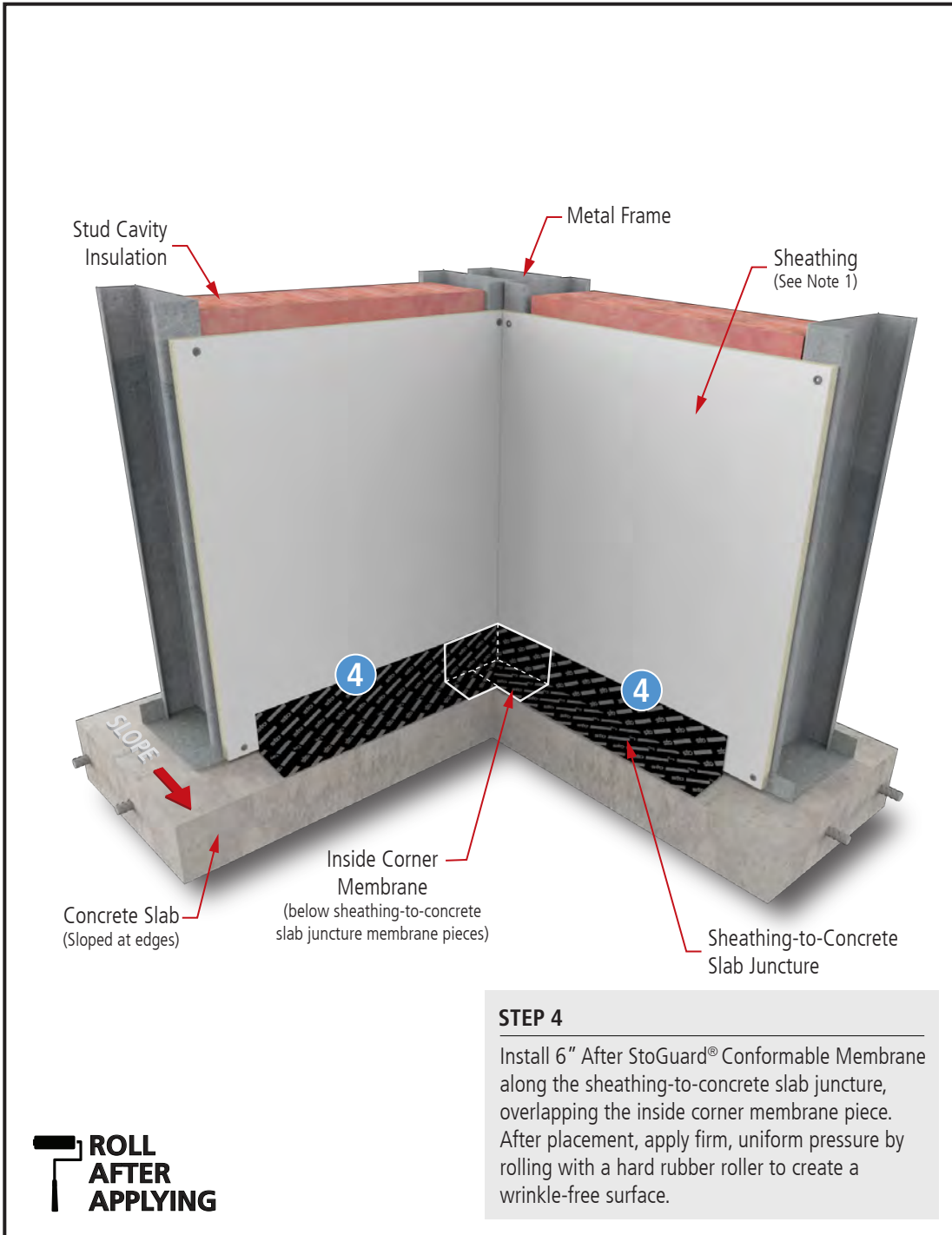


# StoGuard® Conformable Membrane Inside Corner - Termination at Wall Set-back

Detail No.: 23s.10B

Date: April 2023

Page 2 of 2



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



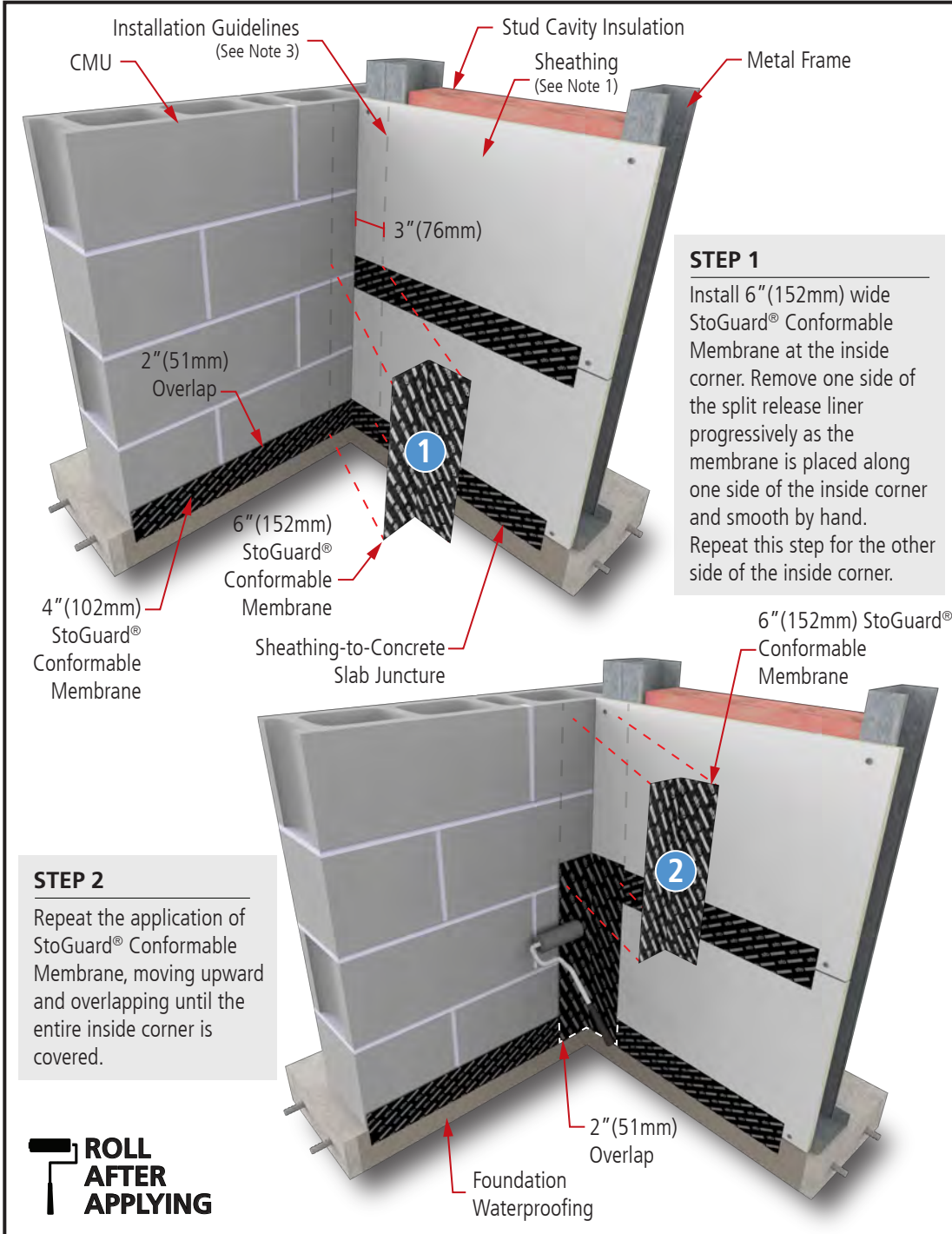
# StoGuard® Conformable Membrane

## Inside Corner - Connection to Dissimilar Material

Detail No.: 23s.11

Date: April 2023

Page 1 of 2



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
  4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.
  6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



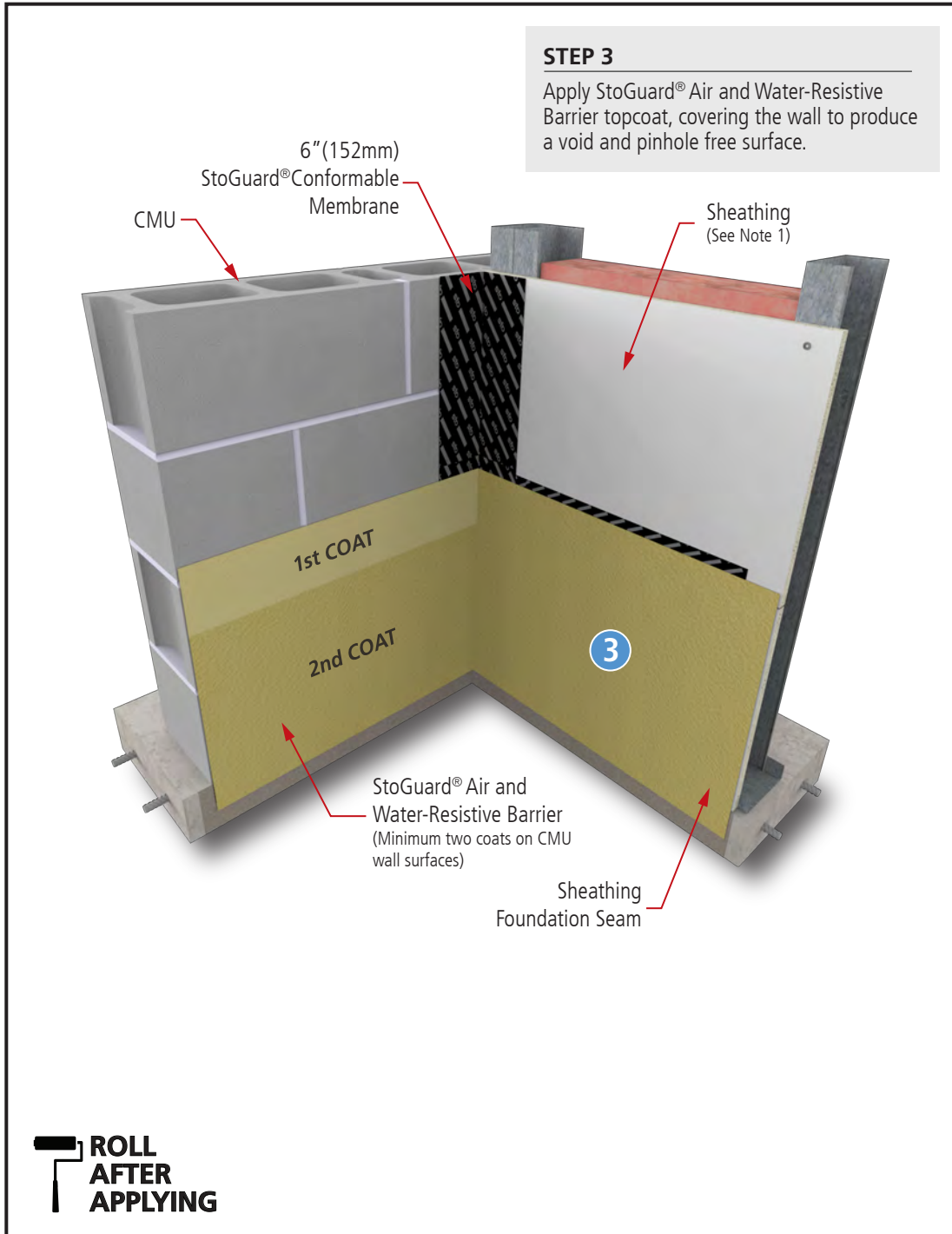
# StoGuard® Conformable Membrane

## Inside Corner - Connection to Dissimilar Material

Detail No.: 23s.11

Date: April 2023

Page 2 of 2



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

### 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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

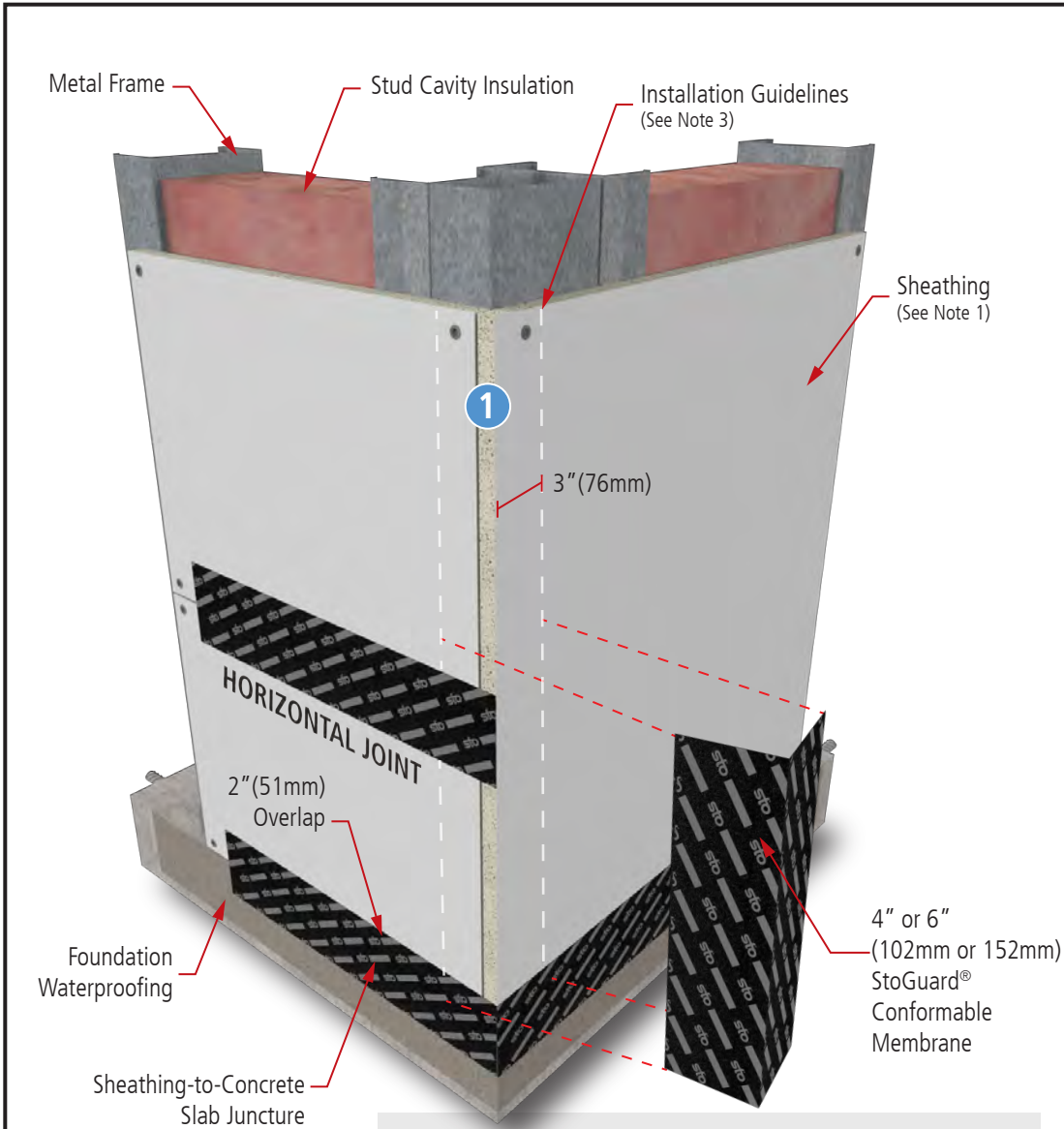


# StoGuard® Conformable Membrane Outside Corner

Detail No.: 23s.12A

Date: April 2023

Page 1 of 3



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**STEP 1**

Install 4" or 6" (102mm or 152mm) wide StoGuard® Conformable Membrane at the outside corner. Remove one side of the split release liner progressively as the membrane is placed along one side of the outside corner and smooth by hand. Repeat this step for the other side of the outside corner.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

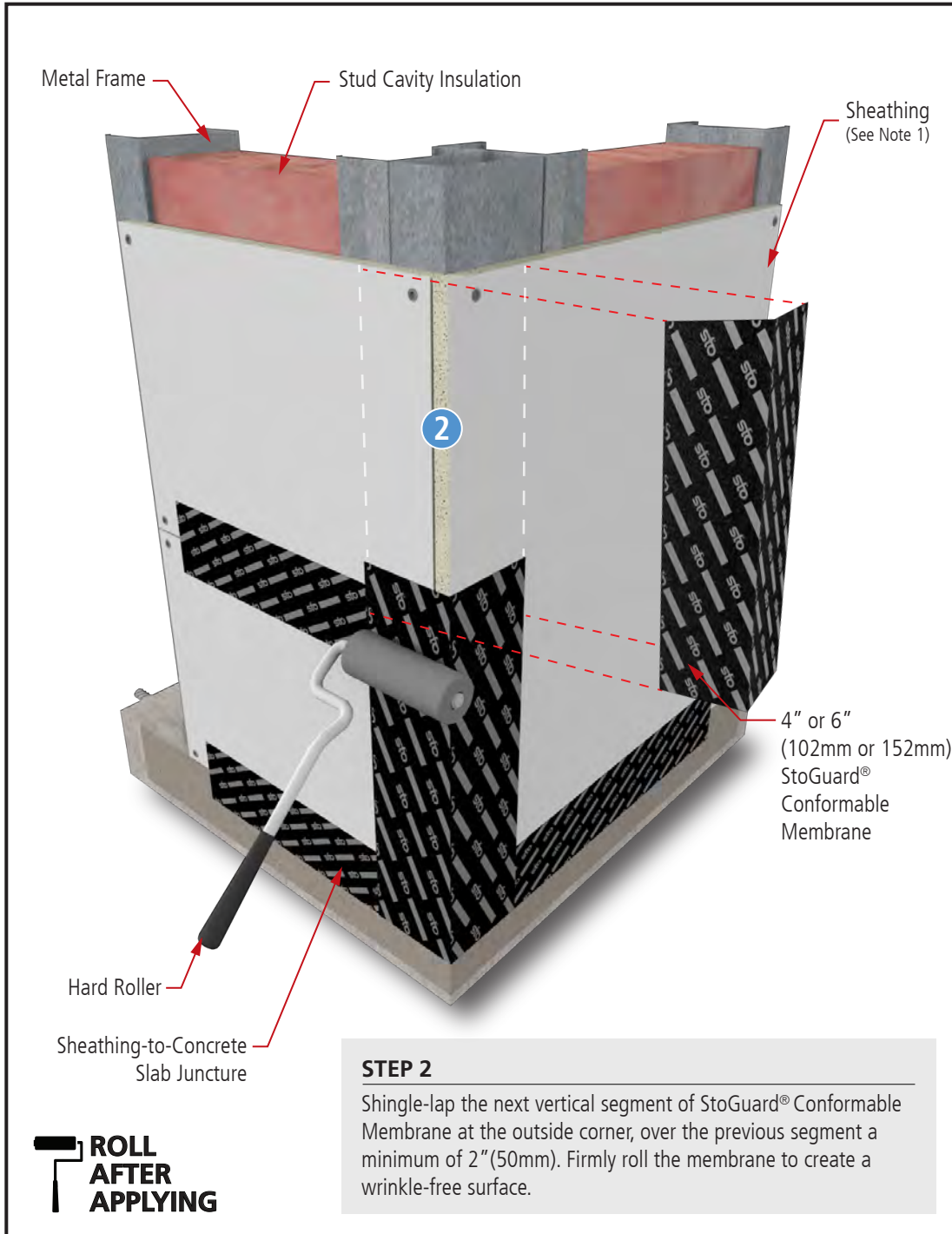


# StoGuard® Conformable Membrane Outside Corner

Detail No.: 23s.12A

Date: April 2023

Page 2 of 3



## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

## 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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

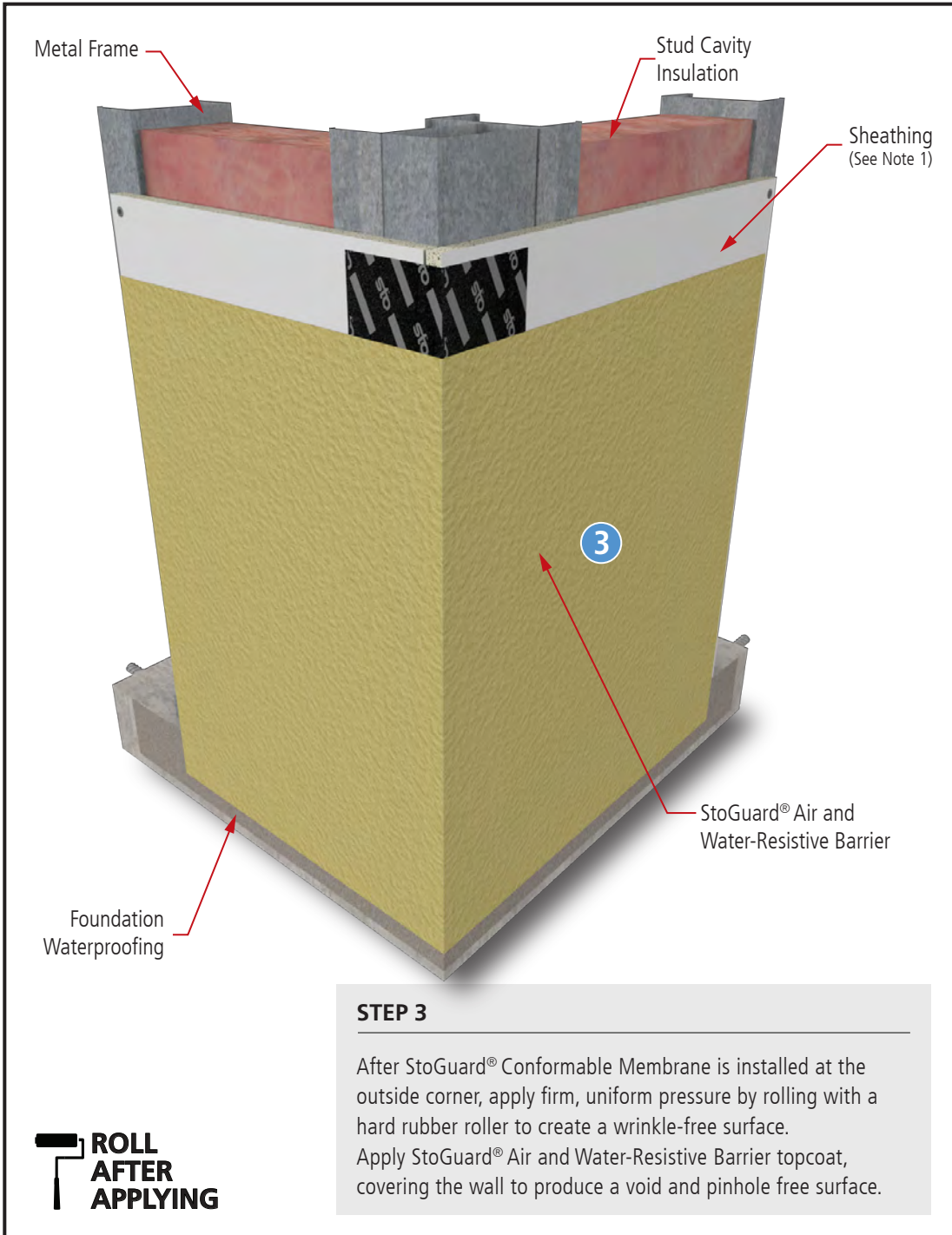
[www.stocorp.com](http://www.stocorp.com)

# StoGuard® Conformable Membrane Outside Corner

Detail No.: 23s.12A

Date: April 2023

Page 3 of 3



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
6. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.

**ATTENTION**

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

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](http://www.stocorp.com).



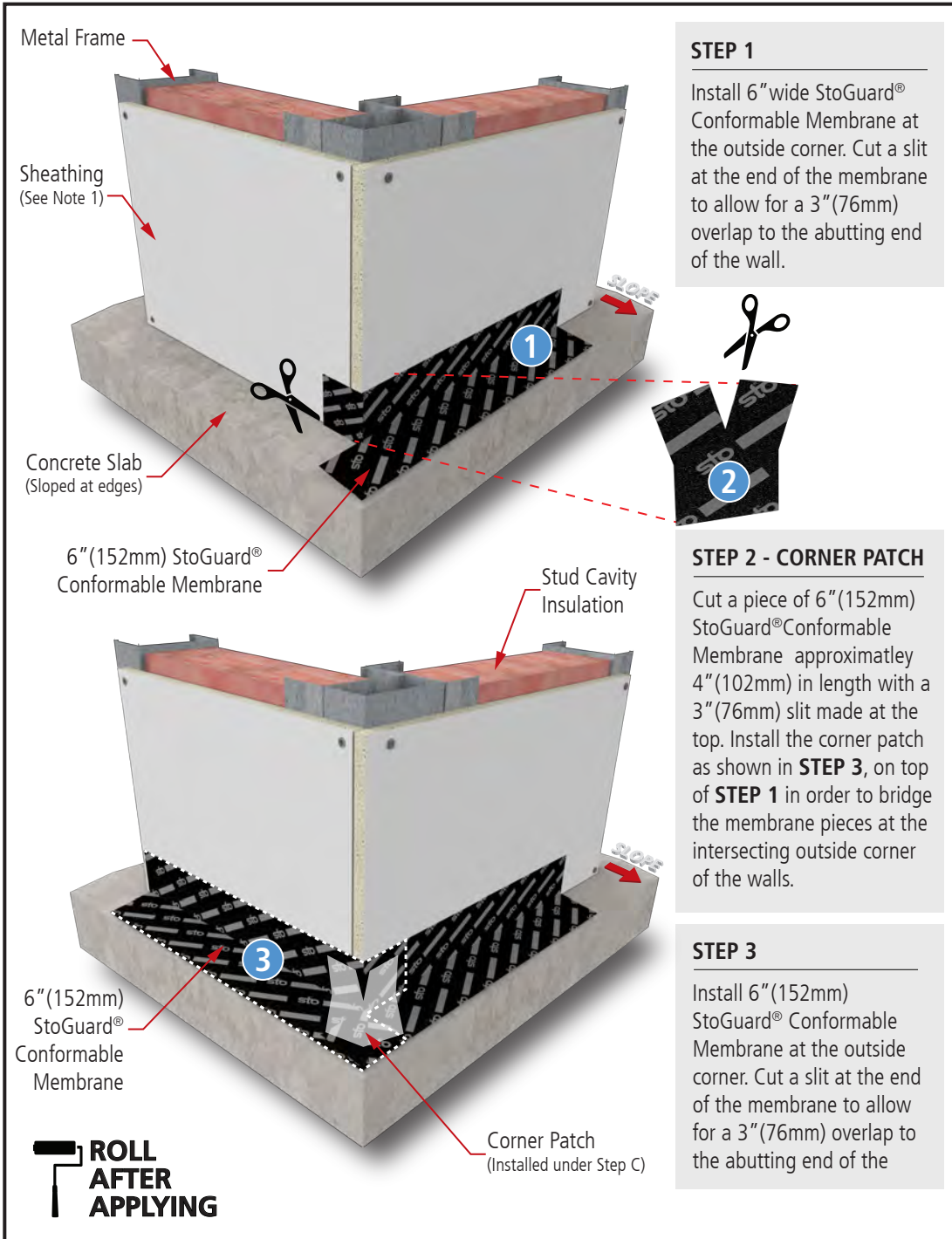


# StoGuard® Conformable Membrane Outside Corner - Termination at Wall Set-Back

Detail No.: 23s.12B

Date: April 2023

Page 1 of 2



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
  4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.

**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane

## Outside Corner - Termination at Wall Set-Back

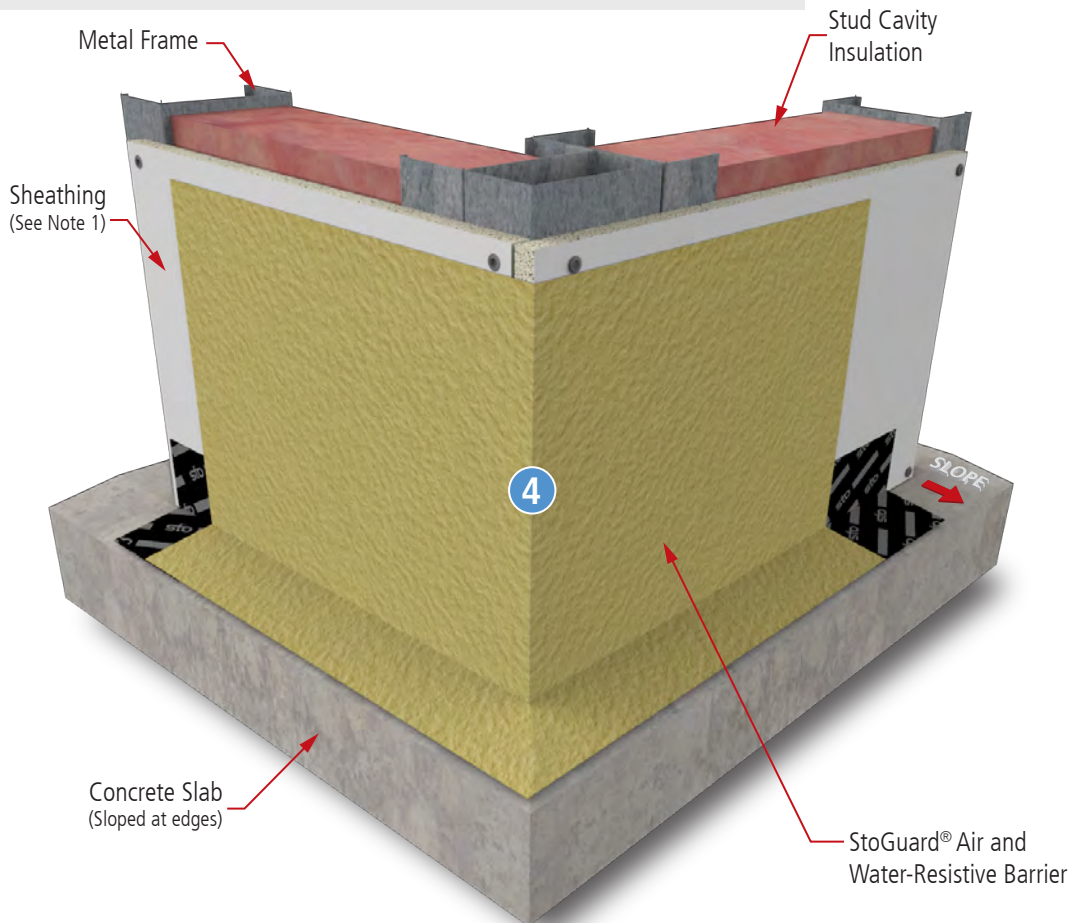
Detail No.: 23s.12B

Date: April 2023

Page 2 of 2

### STEP 4

After StoGuard® Conformable Membrane is installed at the outside corner, apply firm, uniform pressure by rolling with a hard rubber roller to create a wrinkle-free surface. Apply StoGuard® Air and Water-Resistive Barrier topcoat, covering the wall to produce a void and pinhole free surface.



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.



### ATTENTION

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

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](http://www.stocorp.com).

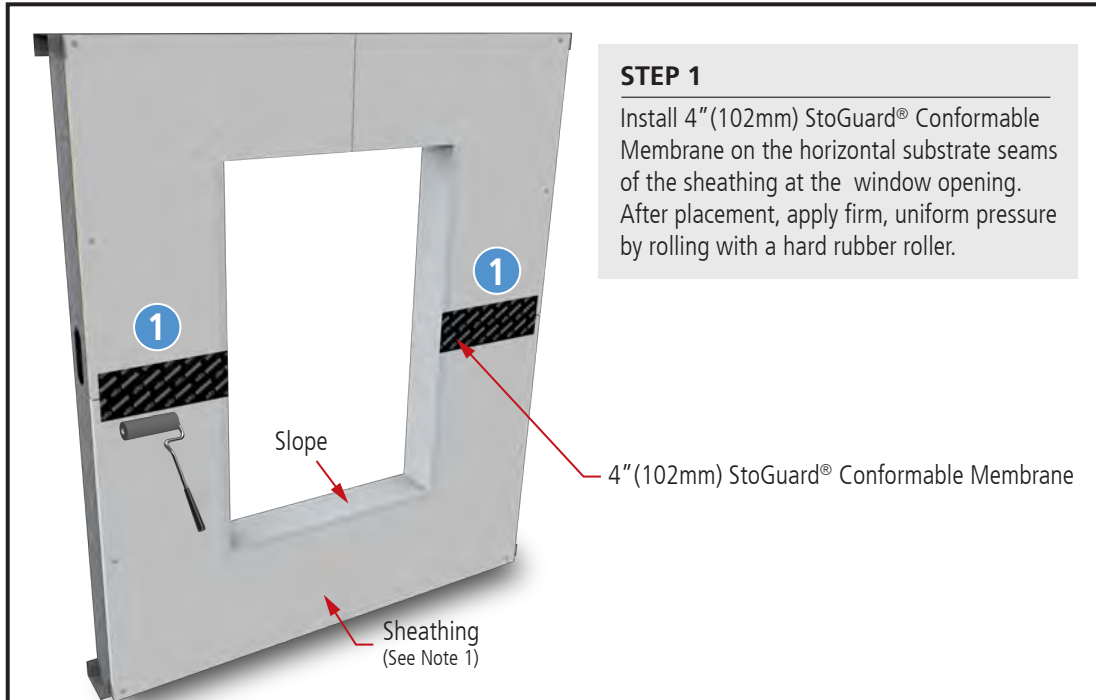


# StoGuard® Conformable Membrane Rough Opening Protection

Detail No.: 23s.20

Date: April 2023

Page 1 of 3



### STEP 1

Install 4" (102mm) StoGuard® Conformable Membrane on the horizontal substrate seams of the sheathing at the window opening. After placement, apply firm, uniform pressure by rolling with a hard rubber roller.

### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.

2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.

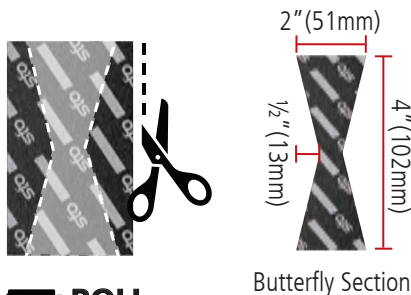
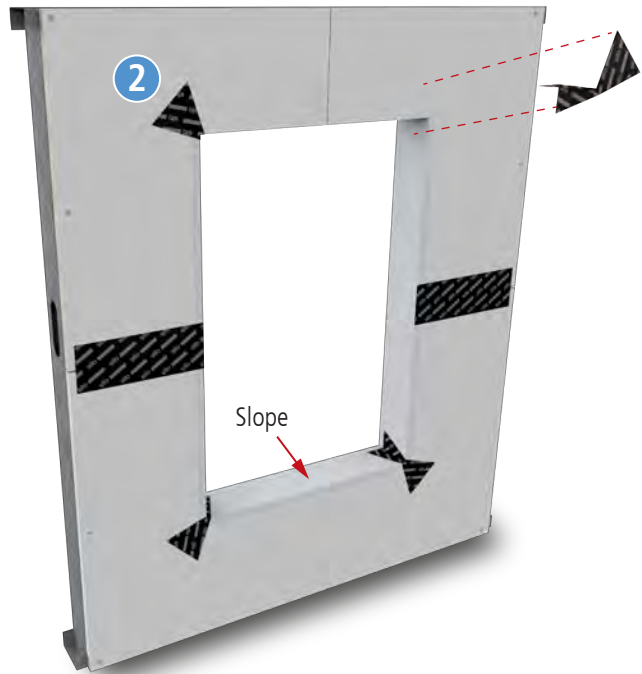
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.

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.

5. Use 6" or 9" (102mm or 229mm) StoGuard® Conformable Membrane for use with 2" x 4" rough opening framing and 9" (229mm) StoGuard® Conformable Membrane with 2" x 6" rough opening framing.

### STEP 2

Cut a 4" (102mm) long section of StoGuard® Conformable Membrane approximately 2" (51mm) wide to create a "butterfly" section as shown below. Apply membrane sections in diagonal strips at rough opening sill and head corners.



Butterfly Section



### 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, or 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.

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](http://www.stocorp.com).

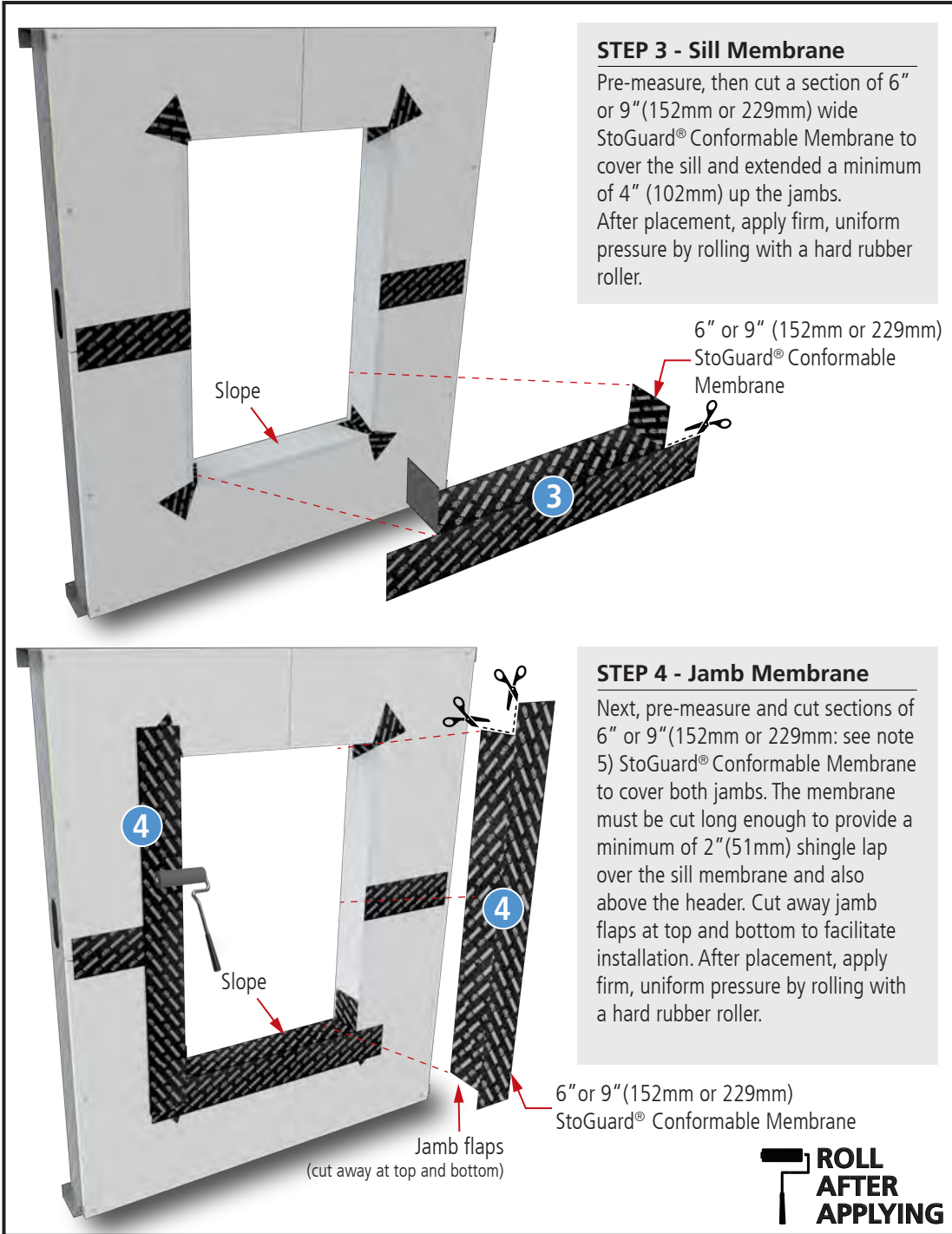
[www.stocorp.com](http://www.stocorp.com)





# StoGuard® Conformable Membrane Rough Opening Protection

Detail No.: 23s.20  
Date: April 2023  
Page 2 of 3



**STEP 3 - Sill Membrane**

Pre-measure, then cut a section of 6" or 9" (152mm or 229mm) wide StoGuard® Conformable Membrane to cover the sill and extended a minimum of 4" (102mm) up the jambs. After placement, apply firm, uniform pressure by rolling with a hard rubber roller.

**STEP 4 - Jamb Membrane**

Next, pre-measure and cut sections of 6" or 9" (152mm or 229mm; see note 5) StoGuard® Conformable Membrane to cover both jambs. The membrane must be cut long enough to provide a minimum of 2" (51mm) shingle lap over the sill membrane and also above the header. Cut away jamb flaps at top and bottom to facilitate installation. After placement, apply firm, uniform pressure by rolling with a hard rubber roller.

**ROLL  
AFTER  
APPLYING**

- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.
  5. Use 6" or 9" (102mm or 229mm) StoGuard® Conformable Membrane for use with 2" x 4" rough opening framing and 9" (229mm) StoGuard® Conformable Membrane with 2" x 6" rough opening framing.

**ATTENTION**

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

**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](http://www.stocorp.com).

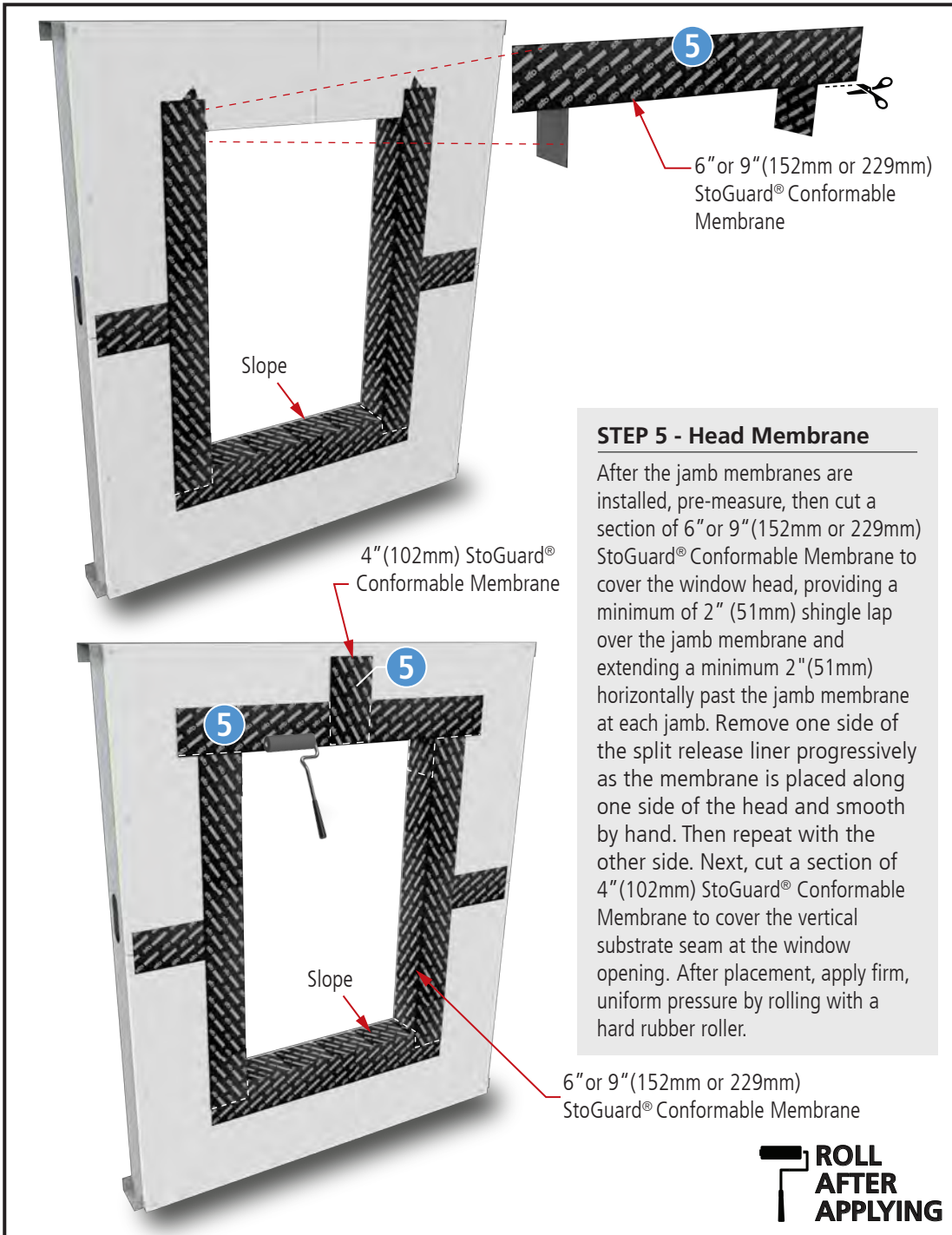


# StoGuard® Conformable Membrane Rough Opening Protection

Detail No.: 23s.20

Date: April 2023

Page 3 of 3



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.

2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.

3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.

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.

5. Use 6" or 9" (102mm or 229mm) StoGuard® Conformable Membrane for use with 2" x 4" rough opening framing and 9" (229mm) StoGuard® Conformable Membrane with 2" x 6" rough opening framing.

**STEP 5 - Head Membrane**

After the jamb membranes are installed, pre-measure, then cut a section of 6" or 9" (152mm or 229mm) StoGuard® Conformable Membrane to cover the window head, providing a minimum of 2" (51mm) shingle lap over the jamb membrane and extending a minimum 2" (51mm) horizontally past the jamb membrane at each jamb. Remove one side of the split release liner progressively as the membrane is placed along one side of the head and smooth by hand. Then repeat with the other side. Next, cut a section of 4" (102mm) StoGuard® Conformable Membrane to cover the vertical substrate seam at the window opening. After placement, apply firm, uniform pressure by rolling with a hard rubber roller.



**ATTENTION**

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

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, or 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.

**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](http://www.stocorp.com).

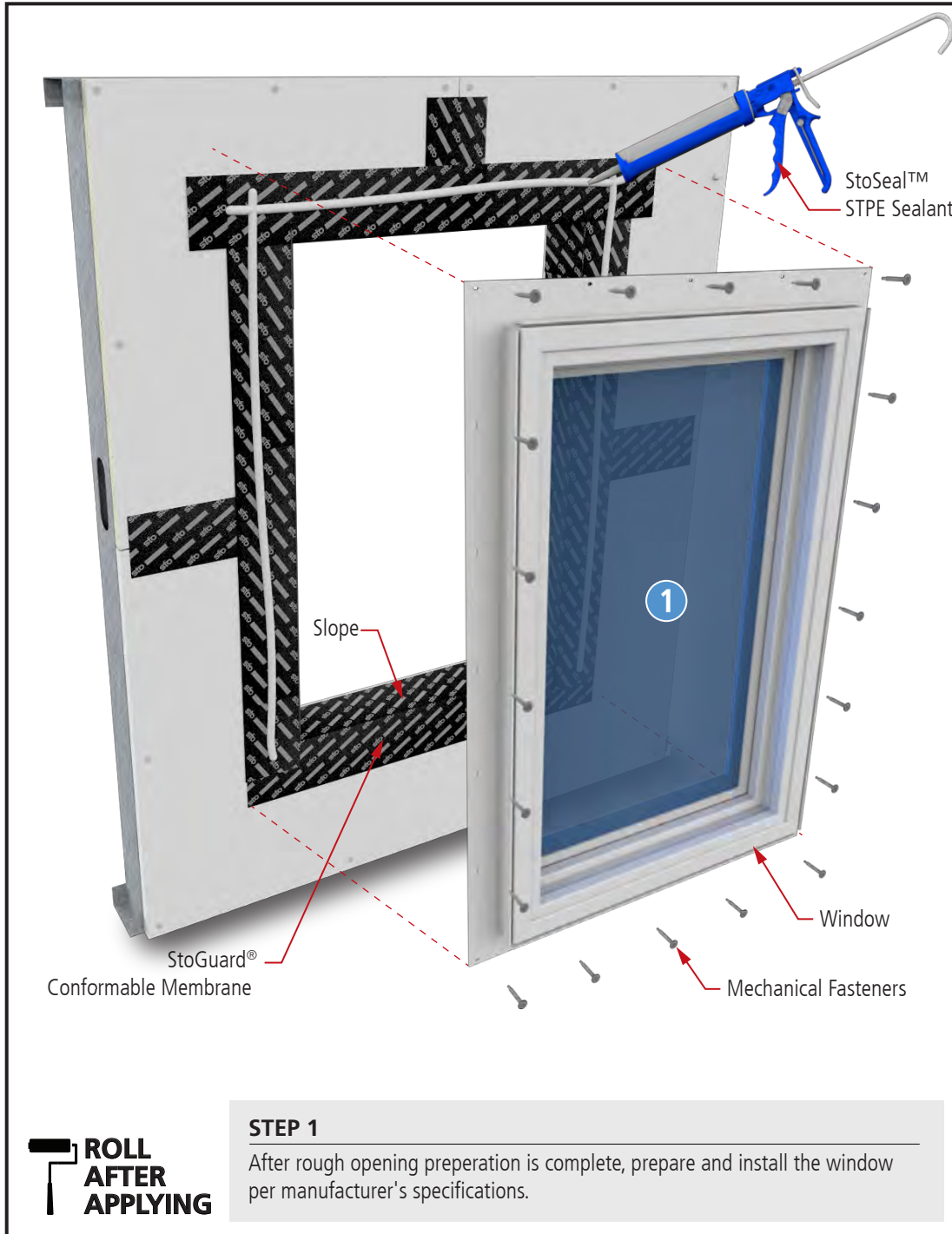


# StoGuard® Conformable Membrane Nail Fin Window

Detail No.: 23s.23

Date: April 2023

Page 1 of 4



## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with window sealant via lab or field adhesion tests, or both.
6. Use 6" or 9" (152mm or 229mm) StoGuard® Conformable Membrane for use with 2" x 4" rough opening framing and 9" (229mm) StoGuard® Conformable Membrane with 2" x 6" rough opening framing.

## 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, or 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.

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](http://www.stocorp.com).

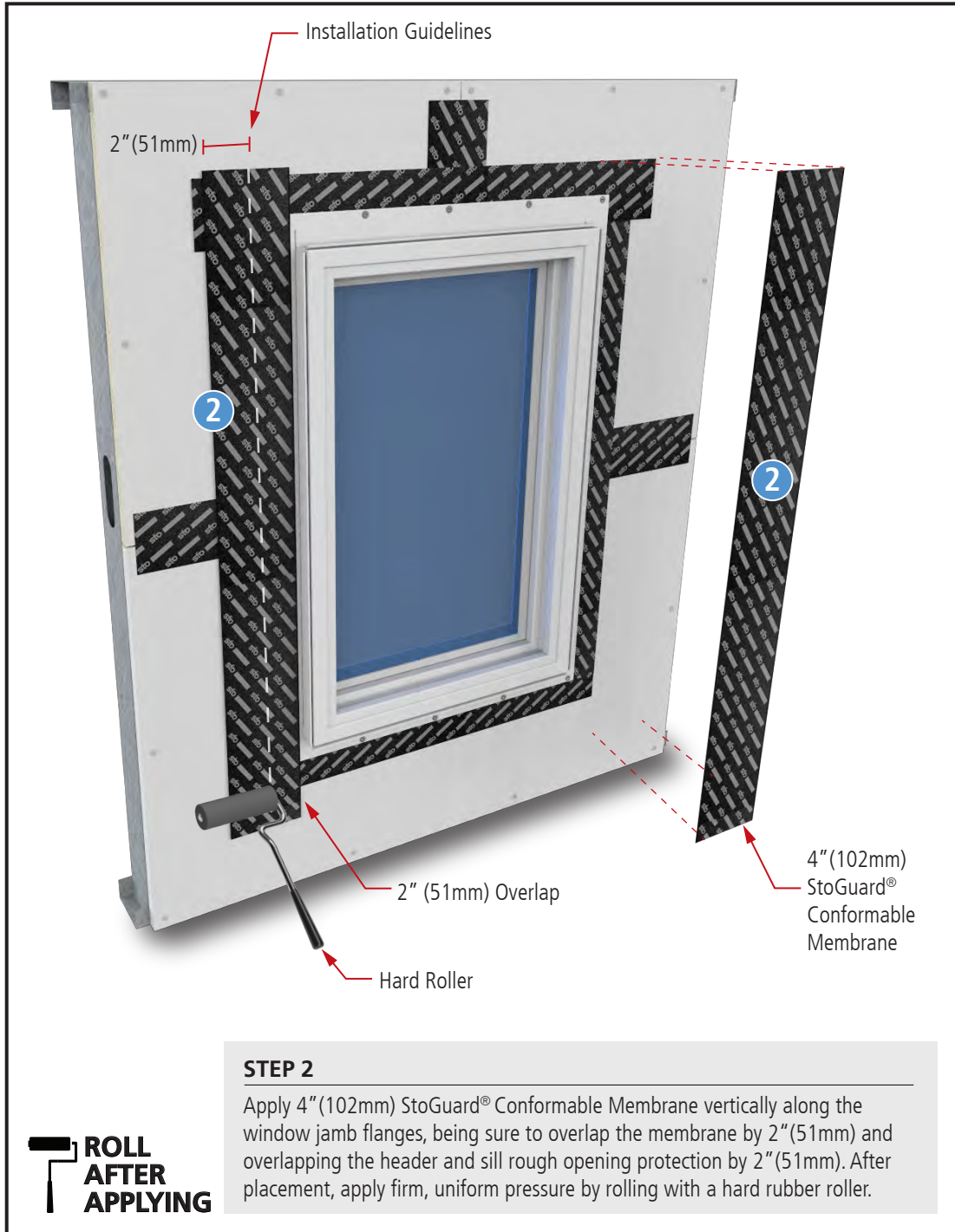
[www.stocorp.com](http://www.stocorp.com)





# StoGuard® Conformable Membrane Nail Fin Window

Detail No.: 23s.23  
Date: April 2023  
Page 2 of 4



Installation Guidelines

2" (51mm)

2

2


4" (102mm) StoGuard® Conformable Membrane

2" (51mm) Overlap

Hard Roller

**STEP 2**

Apply 4" (102mm) StoGuard® Conformable Membrane vertically along the window jamb flanges, being sure to overlap the membrane by 2" (51mm) and overlapping the header and sill rough opening protection by 2" (51mm). After placement, apply firm, uniform pressure by rolling with a hard rubber roller.



**ROLL  
AFTER  
APPLYING**

## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with window sealant via lab or field adhesion tests, or both.
6. Use 6" or 9" (152mm or 229mm) StoGuard® Conformable Membrane for use with 2" x 4" rough opening framing and 9" (229mm) StoGuard® Conformable Membrane with 2" x 6" rough opening framing.

## 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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

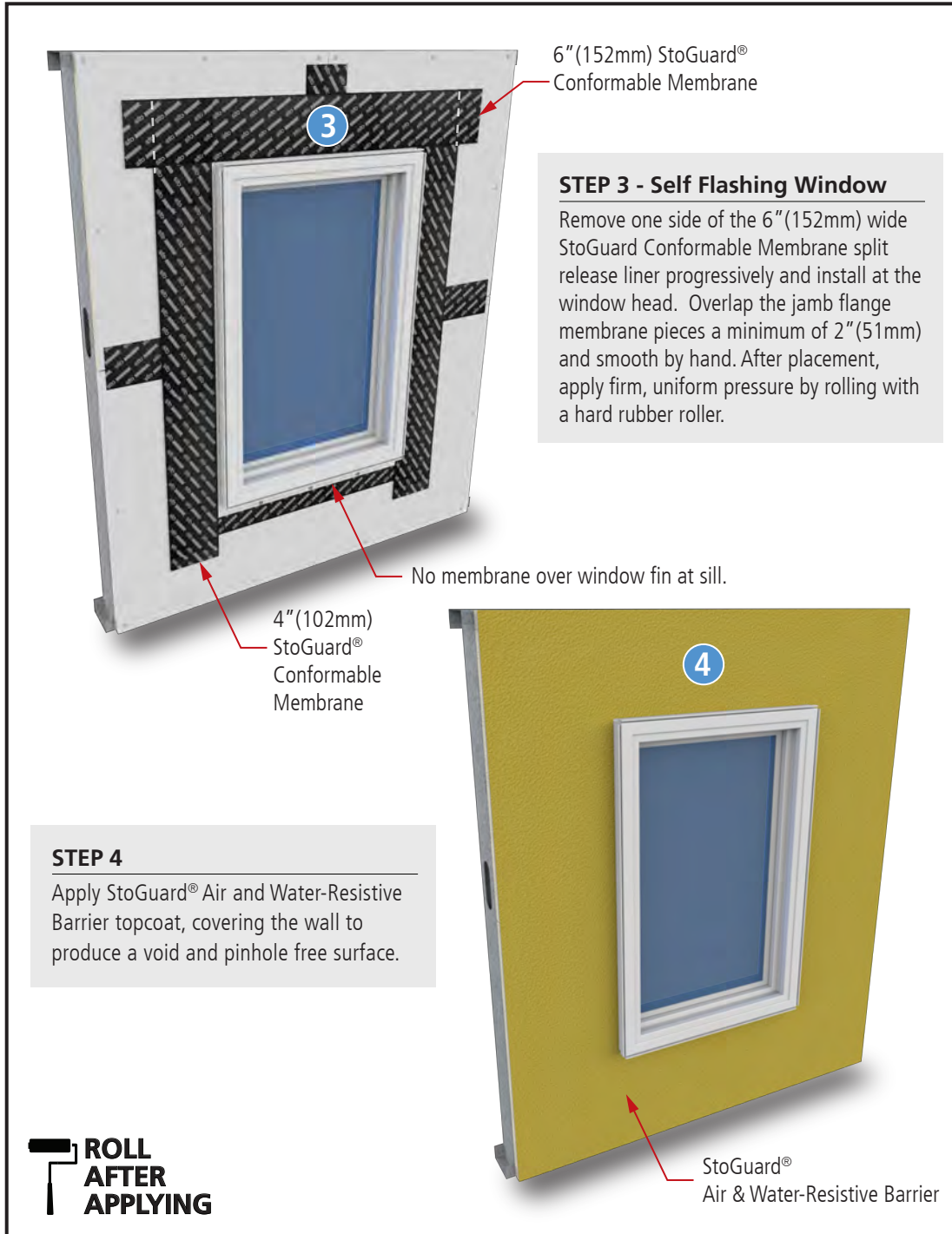


# StoGuard® Conformable Membrane Nail Fin Window - Self Flashing

Detail No.: 23s.23

Date: April 2023

Page 3 of 4



6" (152mm) StoGuard® Conformable Membrane

**STEP 3 - Self Flashing Window**  
Remove one side of the 6" (152mm) wide StoGuard Conformable Membrane split release liner progressively and install at the window head. Overlap the jamb flange membrane pieces a minimum of 2" (51mm) and smooth by hand. After placement, apply firm, uniform pressure by rolling with a hard rubber roller.

No membrane over window fin at sill.

4" (102mm) StoGuard® Conformable Membrane

**STEP 4**  
Apply StoGuard® Air and Water-Resistive Barrier topcoat, covering the wall to produce a void and pinhole free surface.

StoGuard® Air & Water-Resistive Barrier

**ROLL AFTER APPLYING**

## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with window sealant via lab or field adhesion tests, or both.
6. Use 6" or 9" (152mm or 229mm) StoGuard® Conformable Membrane for use with 2" x 4" rough opening framing and 9" (229mm) StoGuard® Conformable Membrane with 2" x 6" rough opening framing.

## 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, or 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.

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](http://www.stocorp.com).

[www.stocorp.com](http://www.stocorp.com)

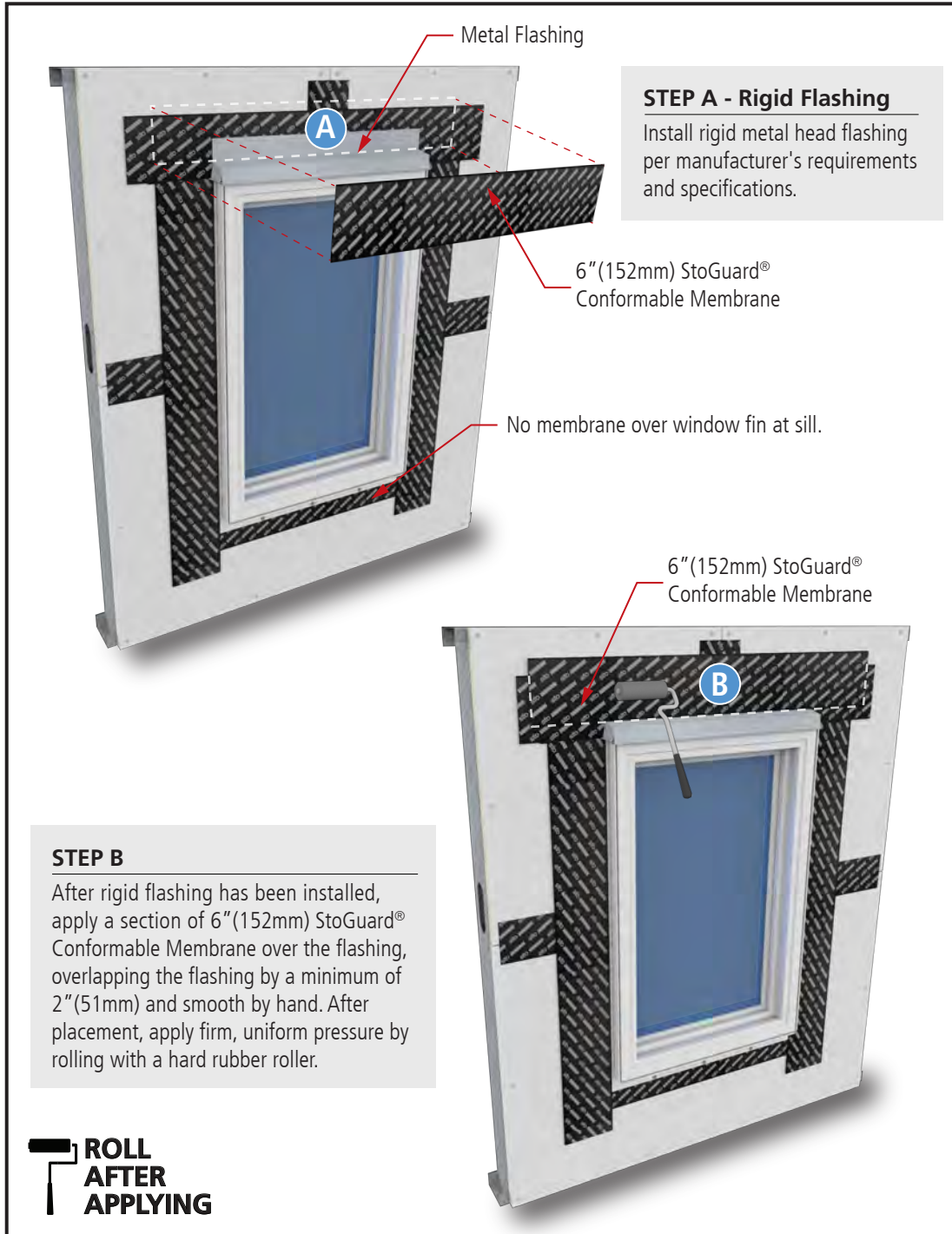


# StoGuard® Conformable Membrane Nail Fin Window with Head Flashing

Detail No.: 23s.23

Date: April 2023

Page 4 of 4



**STEP A - Rigid Flashing**  
Install rigid metal flashing per manufacturer's requirements and specifications.

**STEP B**  
After rigid flashing has been installed, apply a section of 6" (152mm) StoGuard® Conformable Membrane over the flashing, overlapping the flashing by a minimum of 2" (51mm) and smooth by hand. After placement, apply firm, uniform pressure by rolling with a hard rubber roller.

**ROLL AFTER APPLYING**

**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with window sealant via lab or field adhesion tests, or both.
6. Use 6" or 9" (152mm or 229mm) StoGuard® Conformable Membrane for use with 2" x 4" rough opening framing and 9" (229mm) StoGuard® Conformable Membrane with 2" x 6" rough opening framing.

**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, or 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.

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](http://www.stocorp.com).

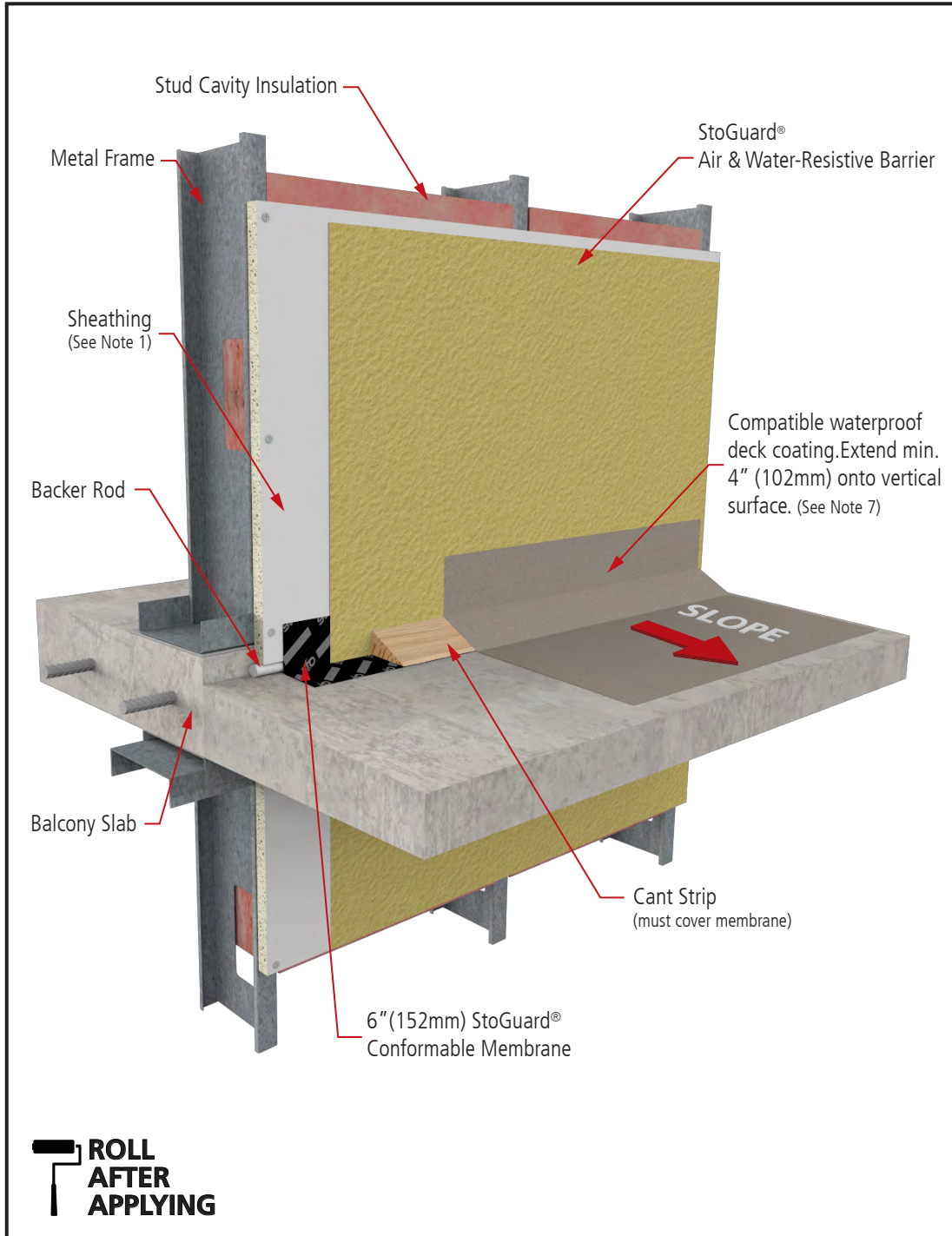
[www.stocorp.com](http://www.stocorp.com)





# StoGuard® Conformable Membrane Balcony Floor to Wall Transition

Detail No.: 22s.43  
Date: April 2023



## Notes:

- Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
- Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
- IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
- 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.
- Detail applies to covered balconies.
- Slope balcony to direct water away from wall.
- Verify compatibility of StoGuard Air and Water-Resistive Barrier with balcony waterproof membrane material where they interface or lap one another.

## 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, or 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.

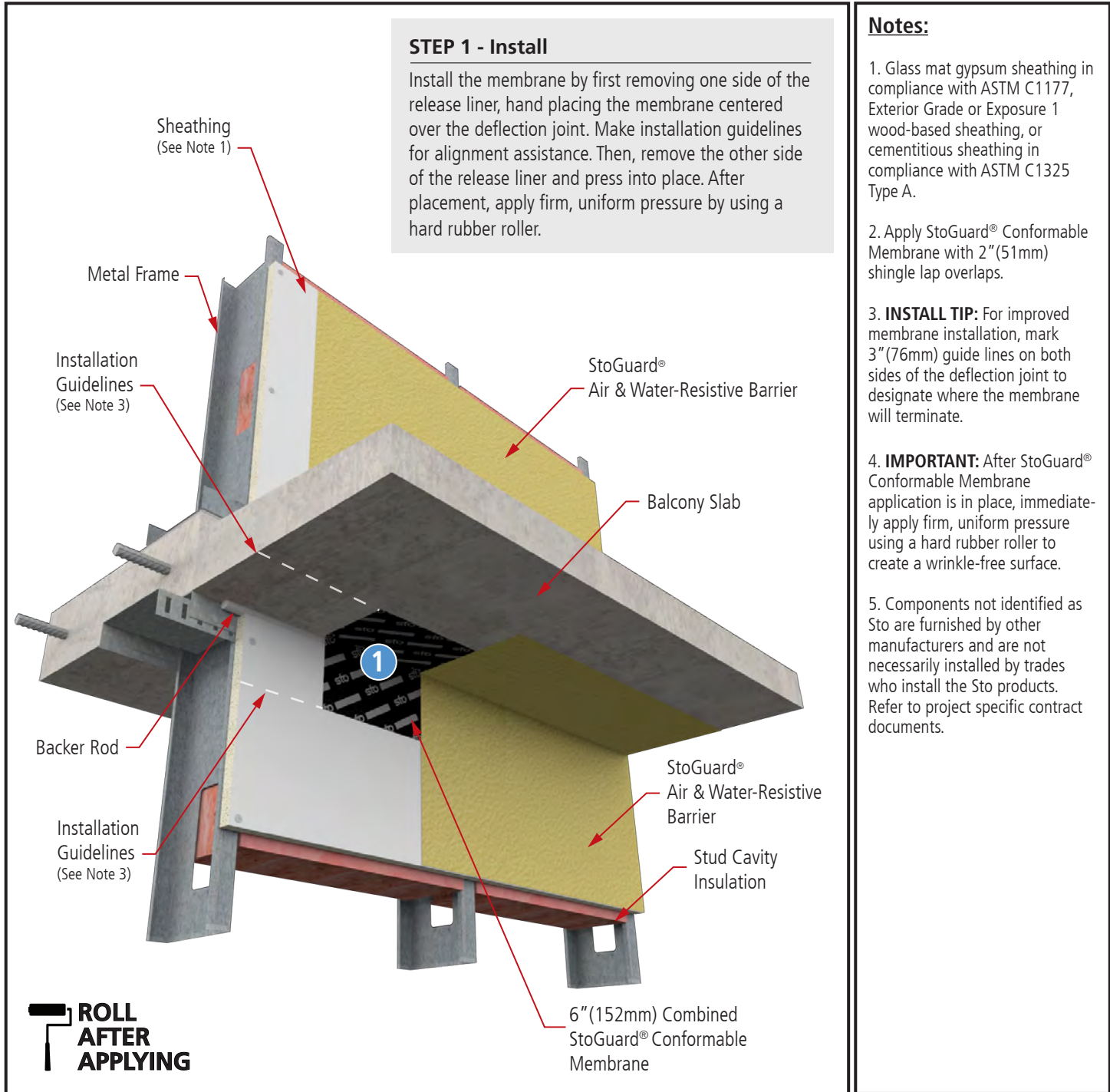
STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.  
For the fullest, most current information on proper application,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

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Balcony Ceiling with Deflection Joint

Detail No.: 23s.44  
Date: April 2023



**ATTENTION**

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

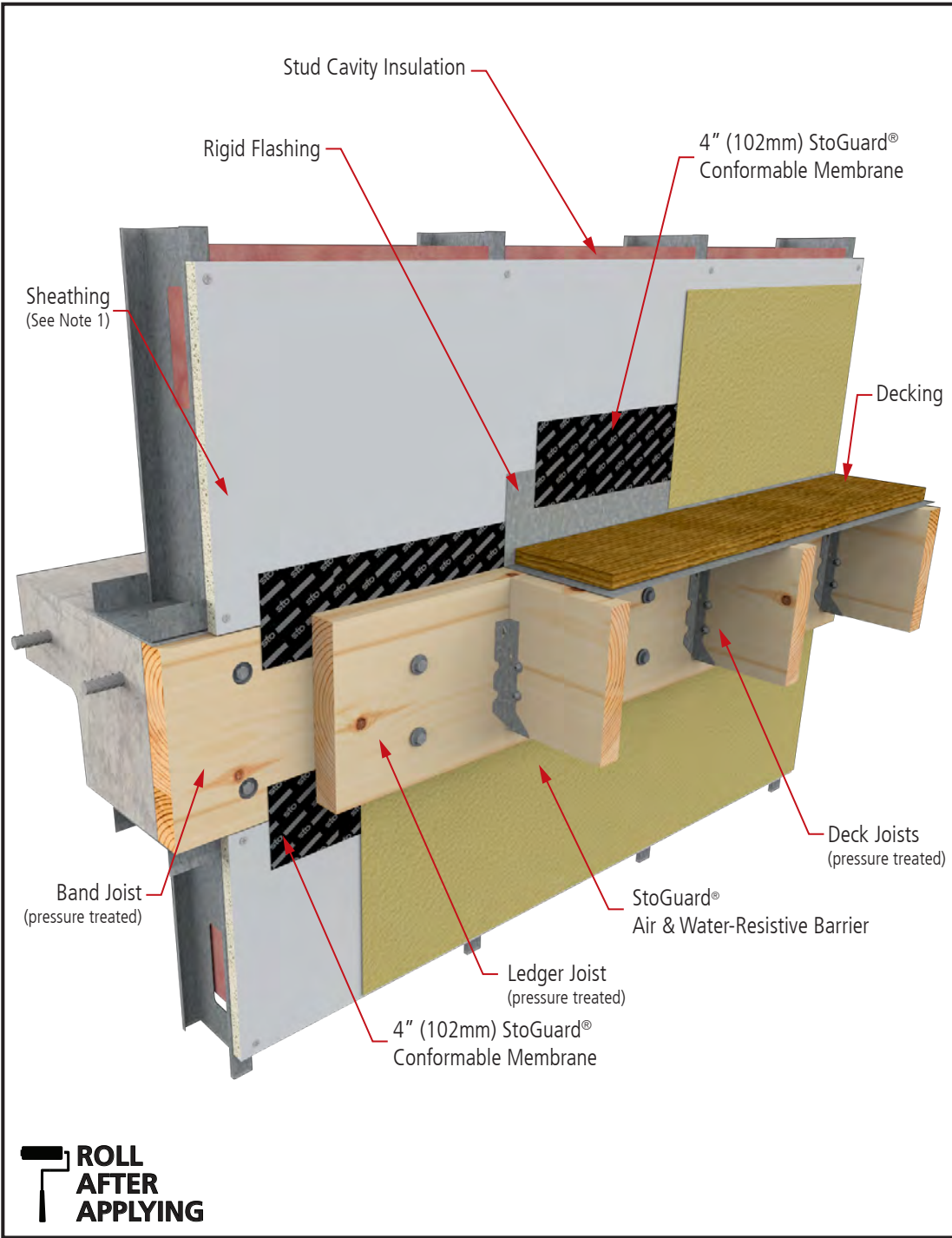
Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. 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, or 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.

**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](http://www.stocorp.com).



# StoGuard® Conformable Membrane Connection to Decks and Porches

Detail No.: 23s.45  
Date: April 2023



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.
  5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.



**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

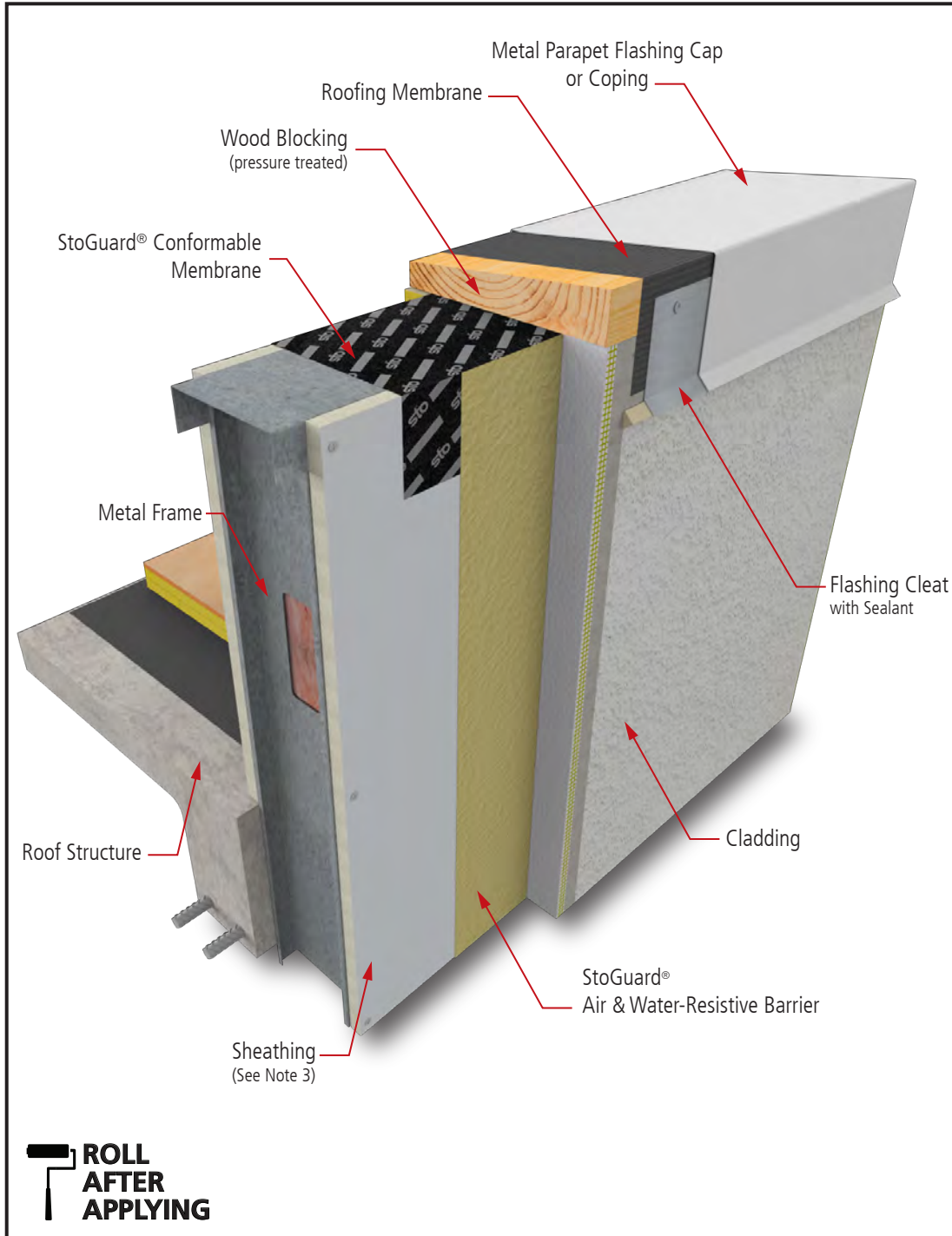
[www.stocorp.com](http://www.stocorp.com)





# StoGuard® Conformable Membrane Termination at Parapet - Front

Detail No.: 23s.60  
 Date: April 2023  
 Page 1 of 2



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with roofing membrane.

**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, or 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.

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](http://www.stocorp.com).

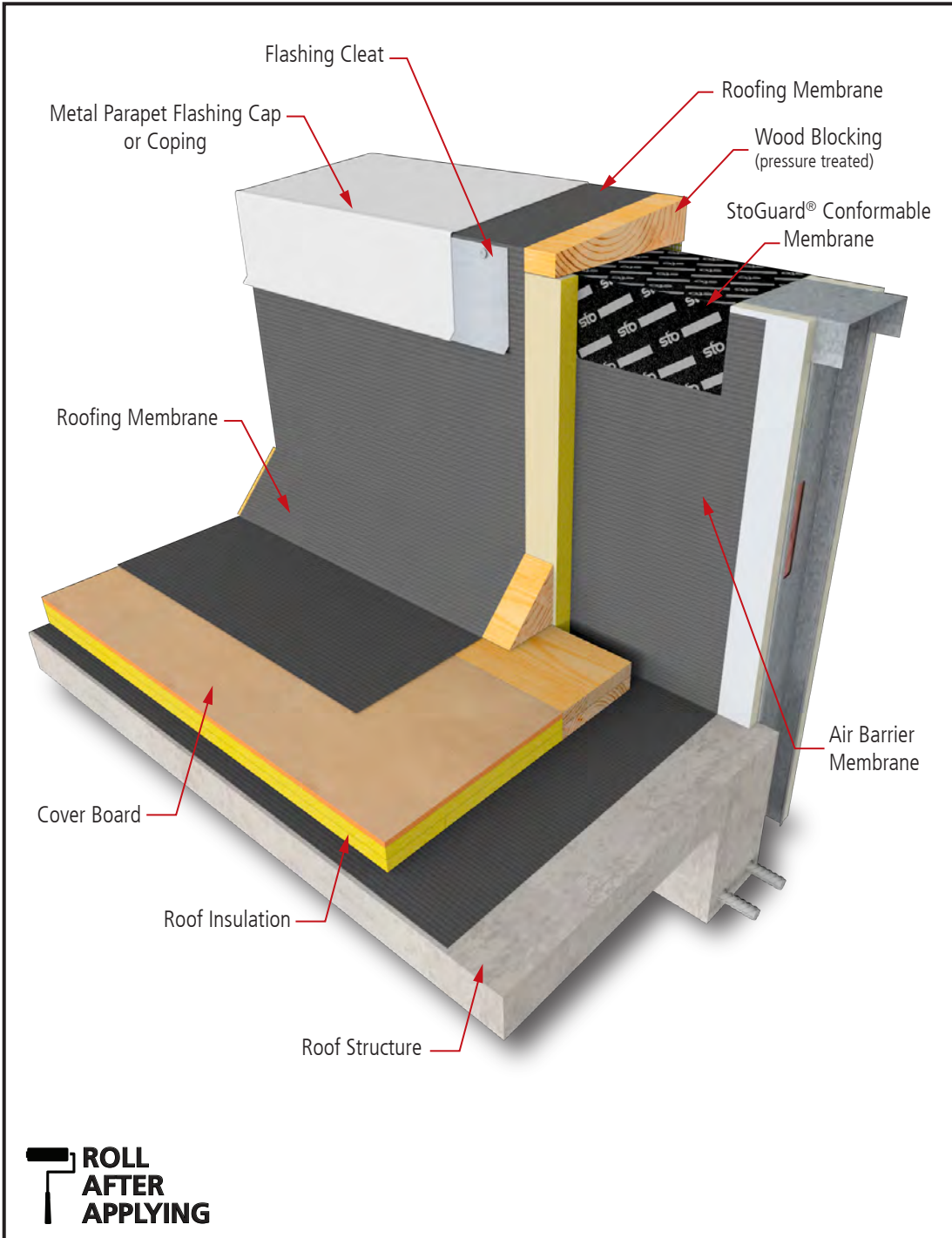
Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Termination at Parapet - Back

Detail No.: 23s.60  
Date: April 2023  
Page 2 of 2



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.
5. Verify compatibility of StoGuard® Conformable Membrane with roofing membrane.

### 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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

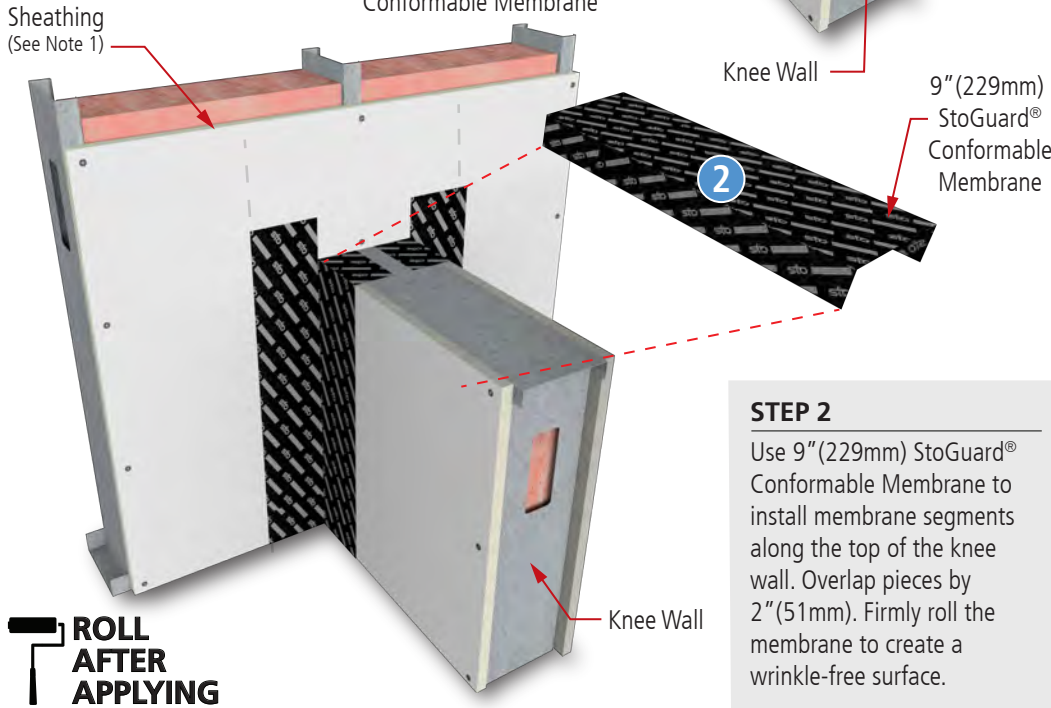
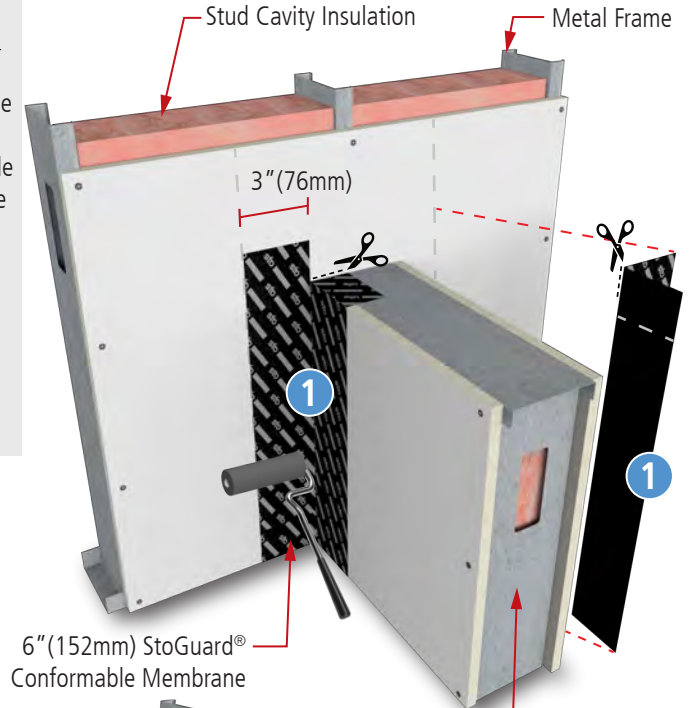


# StoGuard® Conformable Membrane Saddle Flashing

Detail No.: 23s.64  
Date: April 2023  
Page 1 of 3

## STEP 1

Use 4" or 6" (102mm or 152mm) StoGuard® Conformable Membrane to install along the vertical inside corner, cutting the top in the middle 2" (51mm), to overlap the top knee wall. Maintain a tight, 90° degree installation of the membrane and use alignment marks made at 3" (76mm) for guidance. Repeat steps for the other side. Firmly roll the membrane to create a wrinkle-free surface.



## STEP 2

Use 9" (229mm) StoGuard® Conformable Membrane to install membrane segments along the top of the knee wall. Overlap pieces by 2" (51mm). Firmly roll the membrane to create a wrinkle-free surface.

## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.



## 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, or 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.

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](http://www.stocorp.com).

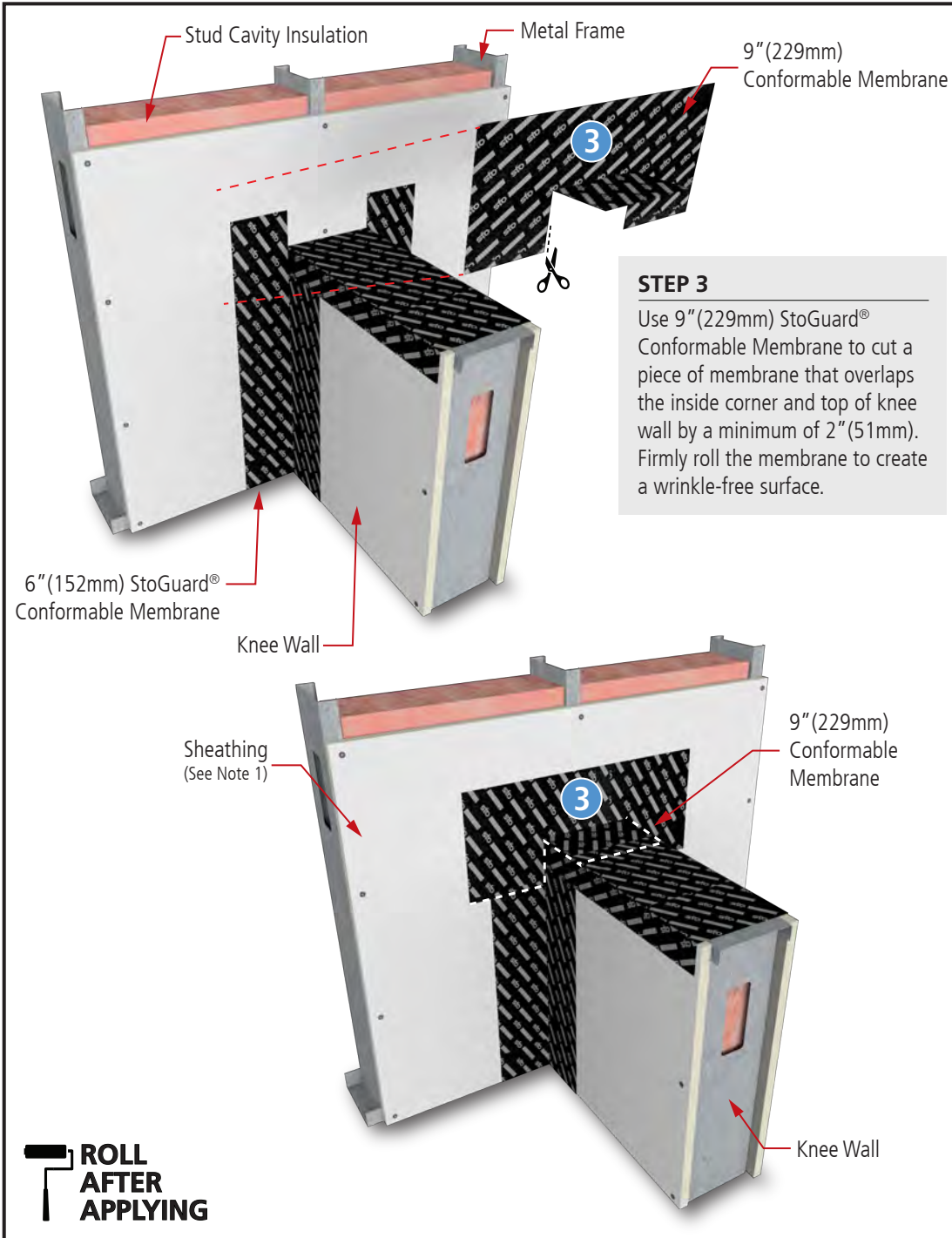
[www.stocorp.com](http://www.stocorp.com)





# StoGuard® Conformable Membrane Saddle Flashing

Detail No.: 23s.64  
Date: April 2023  
Page 2 of 3



- Notes:**
1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
  2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
  3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
  4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
  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.

**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.

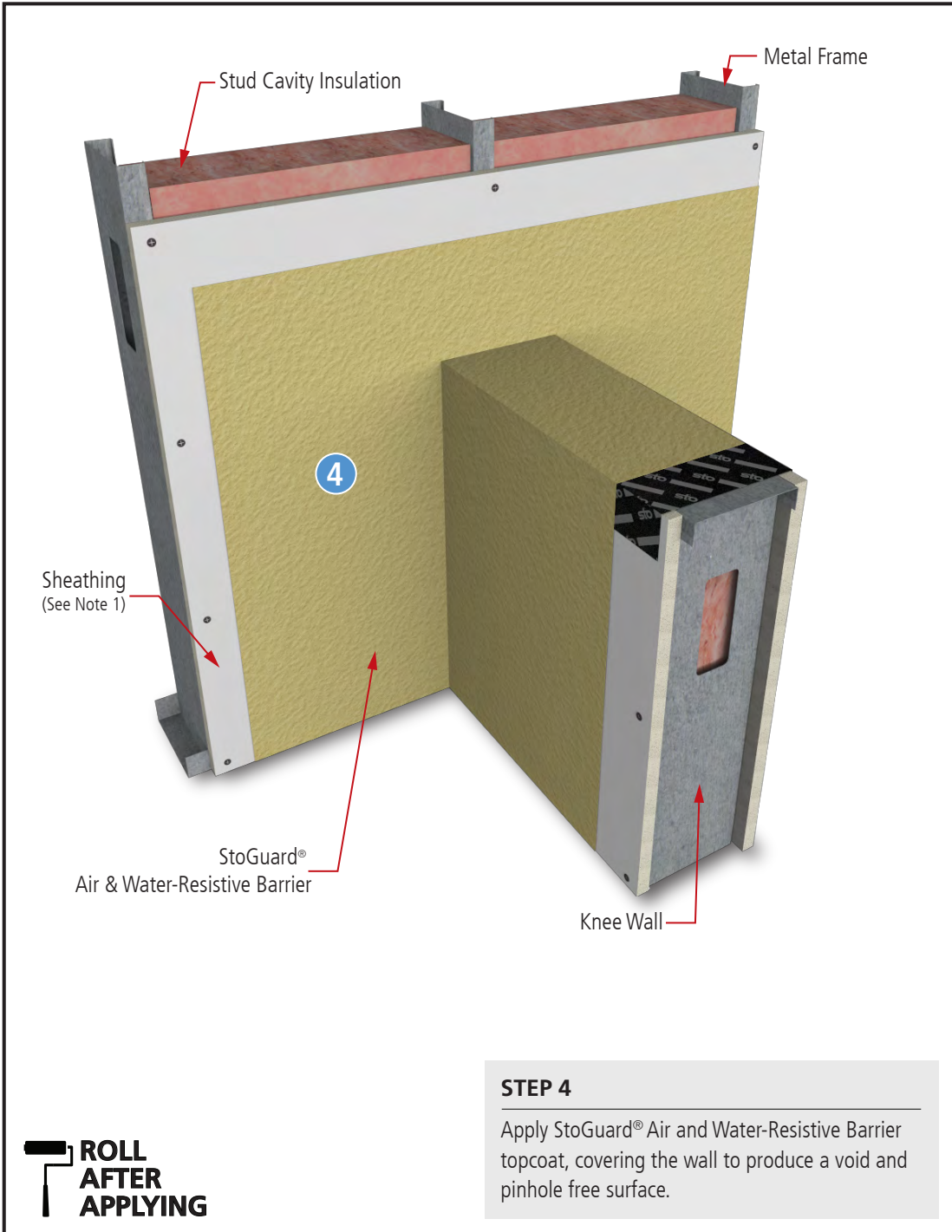
STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME. For the fullest, most current information on proper application, clean-up,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

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Saddle Flashing

Detail No.: 23s.64  
Date: April 2023  
Page 3 of 3



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **INSTALL TIP:** Mark a line 3" (76mm) from one side of the inside corner to designate where the membrane will terminate. Use a straight edge, such as a plastic framing square, to smooth and maintain a tight, 90° degree installation of the membrane.
4. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.



### 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, or 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.

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](http://www.stocorp.com).

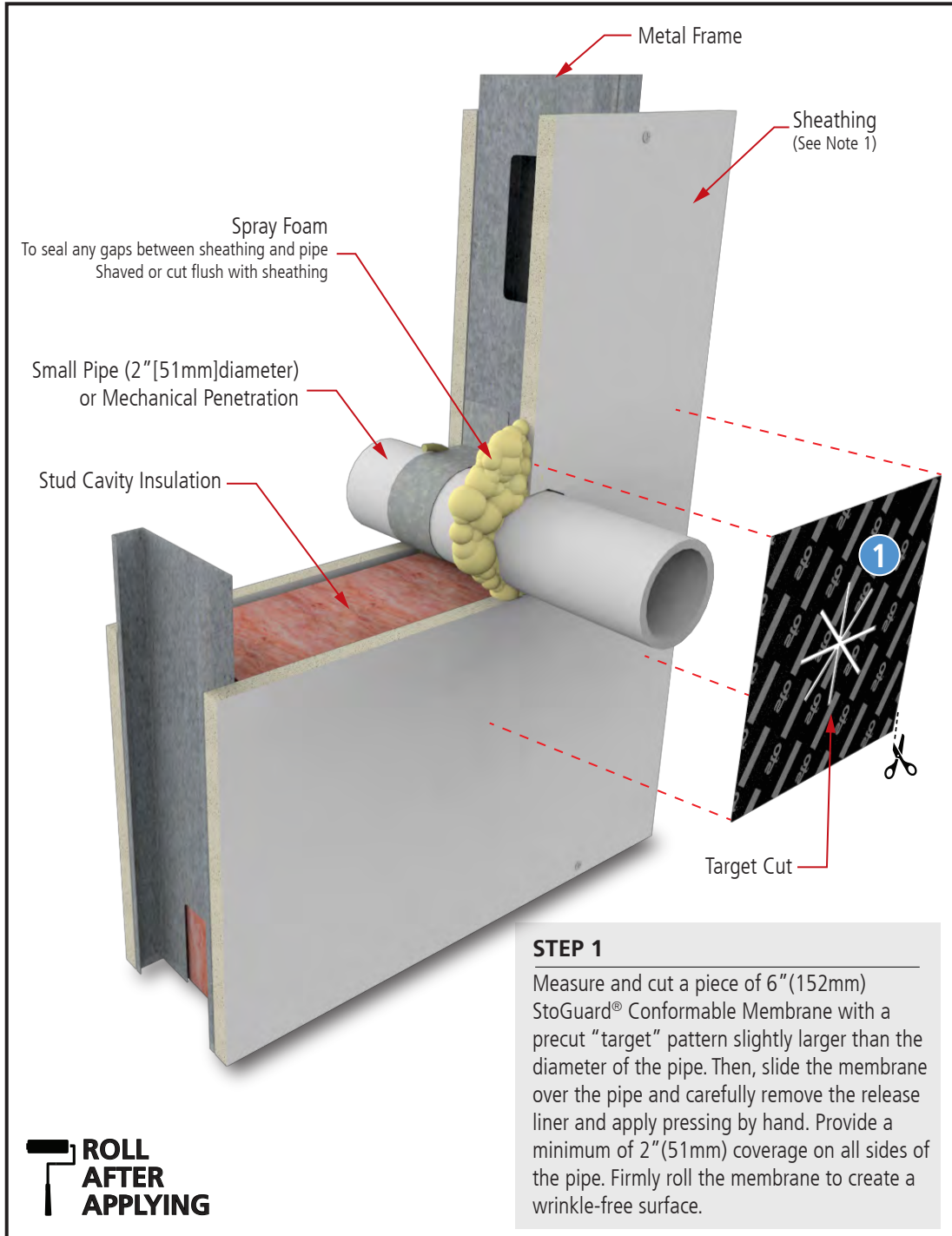
[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane

## Small Pipe Penetration

Detail No.: 23s.70  
 Date: April 2023  
 Page 1 of 3



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.



**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, or 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.

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](http://www.stocorp.com).

[www.stocorp.com](http://www.stocorp.com)

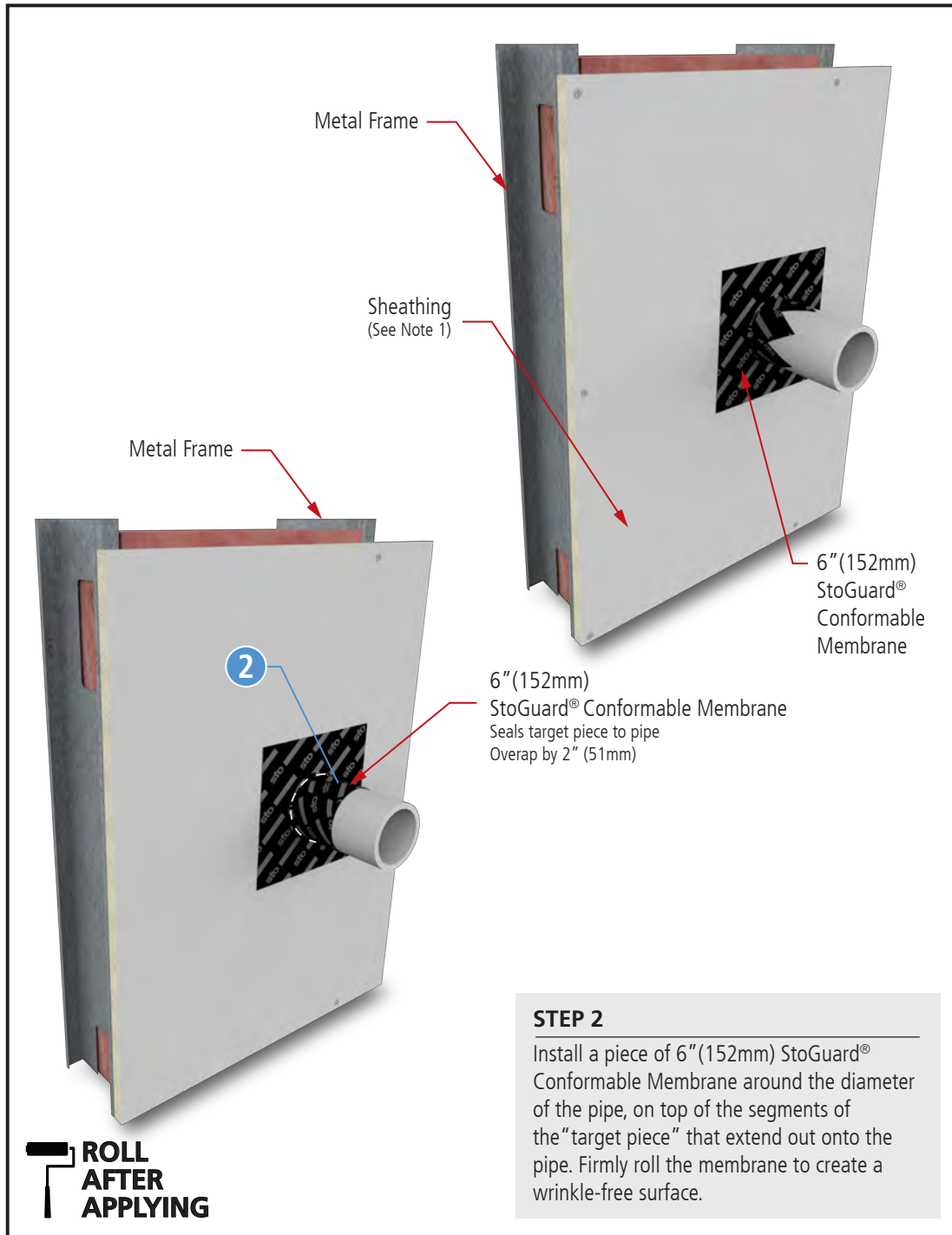




# StoGuard® Conformable Membrane

## Small Pipe Penetration

Detail No.: 23s.70  
 Date: April 2023  
 Page 2 of 3



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

### 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, or 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.

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](http://www.stocorp.com).

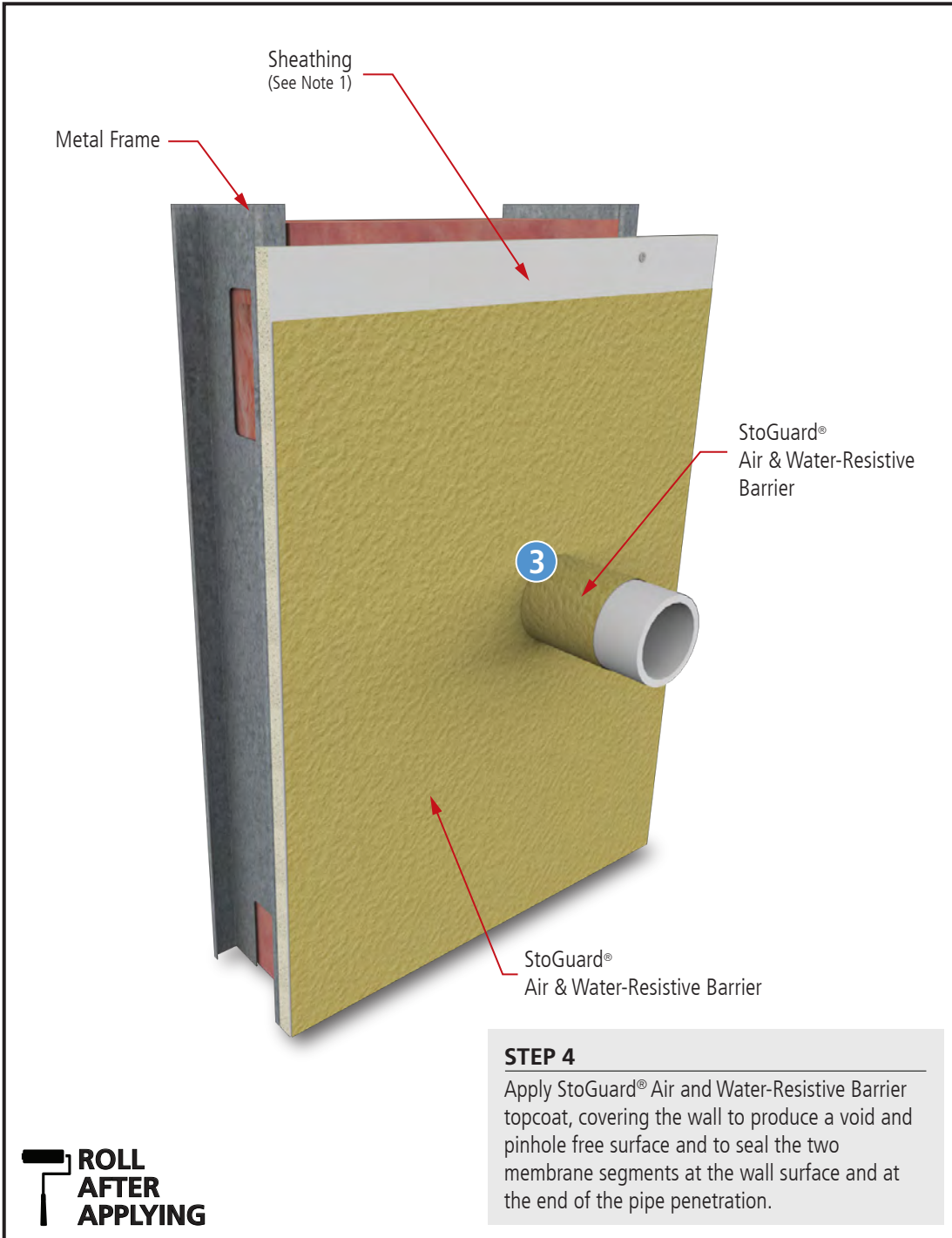
[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane

## Small Pipe Penetration

Detail No.: 23s.70  
 Date: April 2023  
 Page 3 of 3



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.



### 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, or 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.

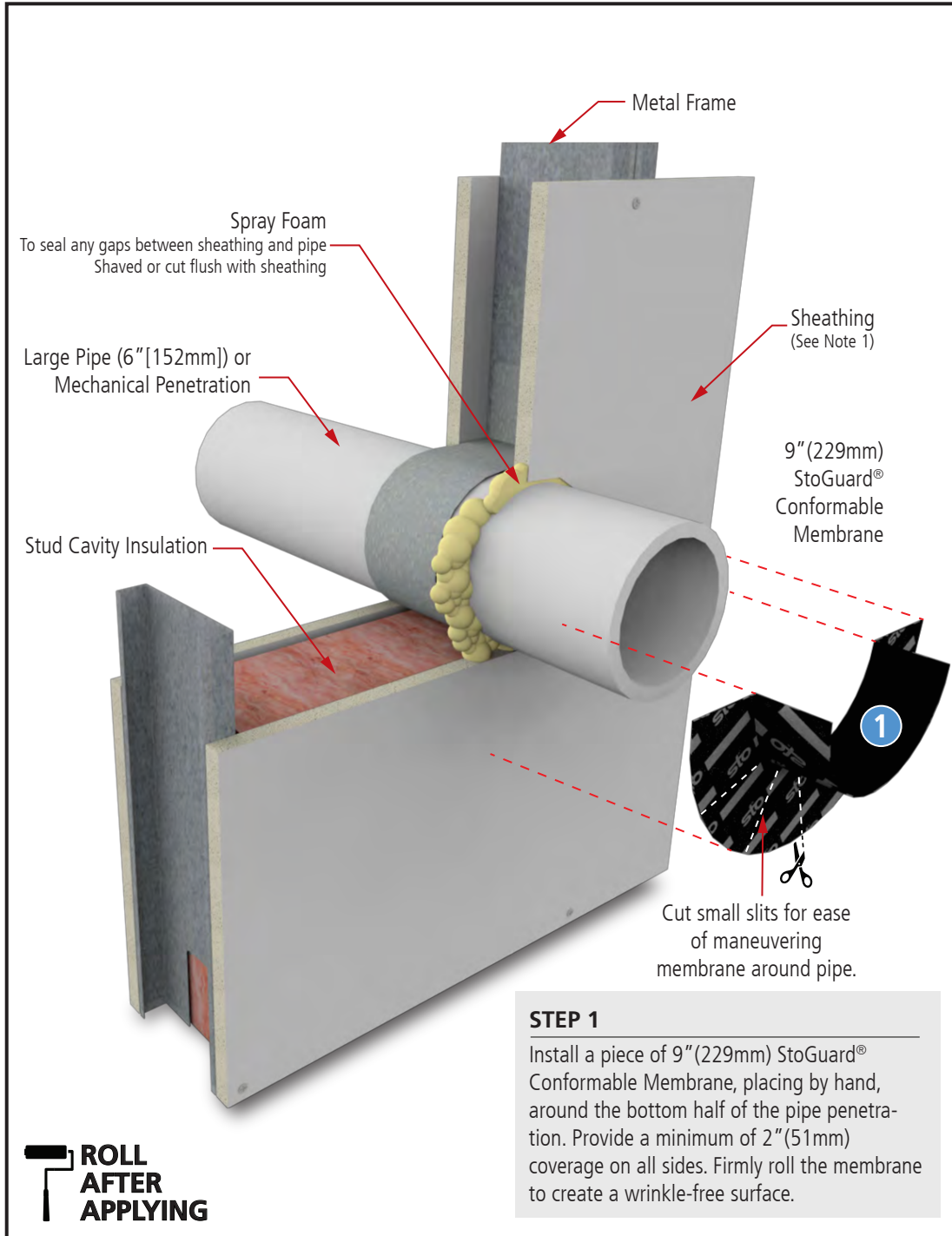
STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.  
 For the fullest, most current information on proper application,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

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Large Pipe Penetration

Detail No.: 23s.71  
Date: April 2023  
Page 1 of 3



## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

## 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, or 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.

**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](http://www.stocorp.com).

[www.stocorp.com](http://www.stocorp.com)



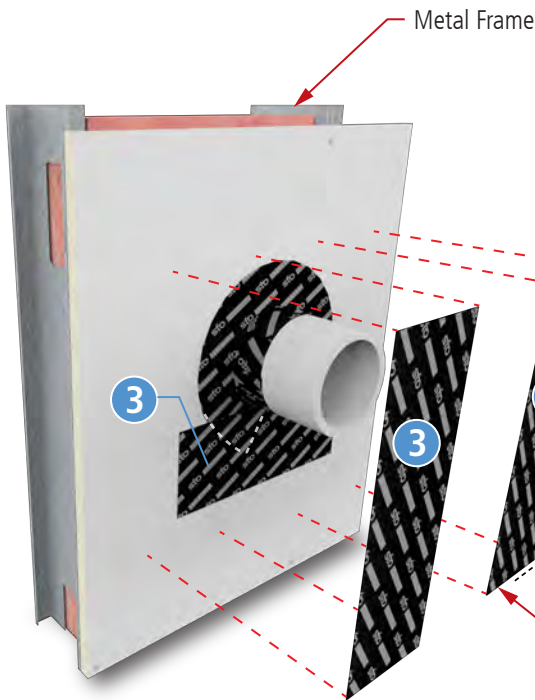
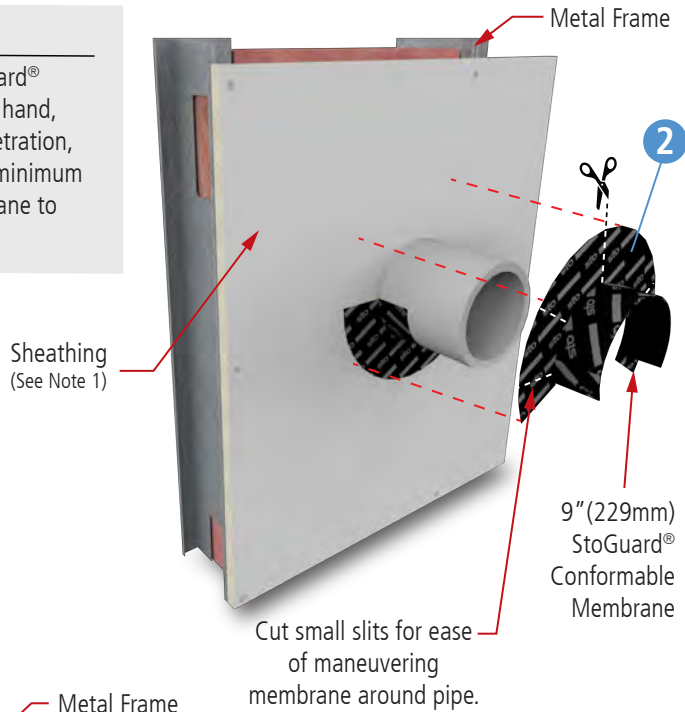


# StoGuard® Conformable Membrane Large Pipe Penetration

Detail No.: 23s.71  
Date: April 2023  
Page 2 of 3

## STEP 2

Install a piece of 9" (229mm) StoGuard® Conformable Membrane, placing by hand, around the top half of the pipe penetration, overlapping the bottom segment a minimum of 2" (51mm). Firmly roll the membrane to create a wrinkle-free surface.



## STEP 3

Install a piece of 4" (102mm) StoGuard® Conformable Membrane under the pipe penetration to seal the overlap of the two overlapping membrane segments (top and bottom) installed in Step 1 and Step 2. Next, install two vertical segments on both sides of the pipe, overlapping the membrane underneath by a minimum of 2" (51mm). Firmly roll the membrane to create a wrinkle-free surface.

4" (102mm)  
StoGuard® Conformable  
Membrane



## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

## 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, or 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.

**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](http://www.stocorp.com).

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane

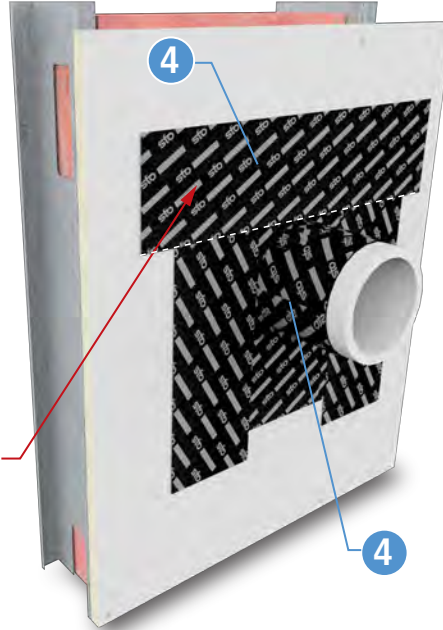
## Large Pipe Penetration

Detail No.: 23s.71  
 Date: April 2023  
 Page 3 of 3

### STEP 4

Install a piece of 6" (152mm) StoGuard® Conformable Membrane (or larger) header segment, overlapping the vertical segments underneath. Then, install a piece of 6" (152mm) StoGuard® Conformable Membrane around the pipe, covering the ends of the segments from Step 1 and Step 2 (top and bottom) by a minimum of 2" (51mm). Firmly roll the membrane to create a wrinkle-free surface.

6" StoGuard® Conformable Membrane



StoGuard® Air & Water-Resistive Barrier



### STEP 5

Apply StoGuard® Air and Water-Resistive Barrier topcoat, covering the wall and pipe penetration to produce a void and pinhole free surface.

**ROLL AFTER APPLYING**

### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

### 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, or 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.

**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](http://www.stocorp.com).

[www.stocorp.com](http://www.stocorp.com)

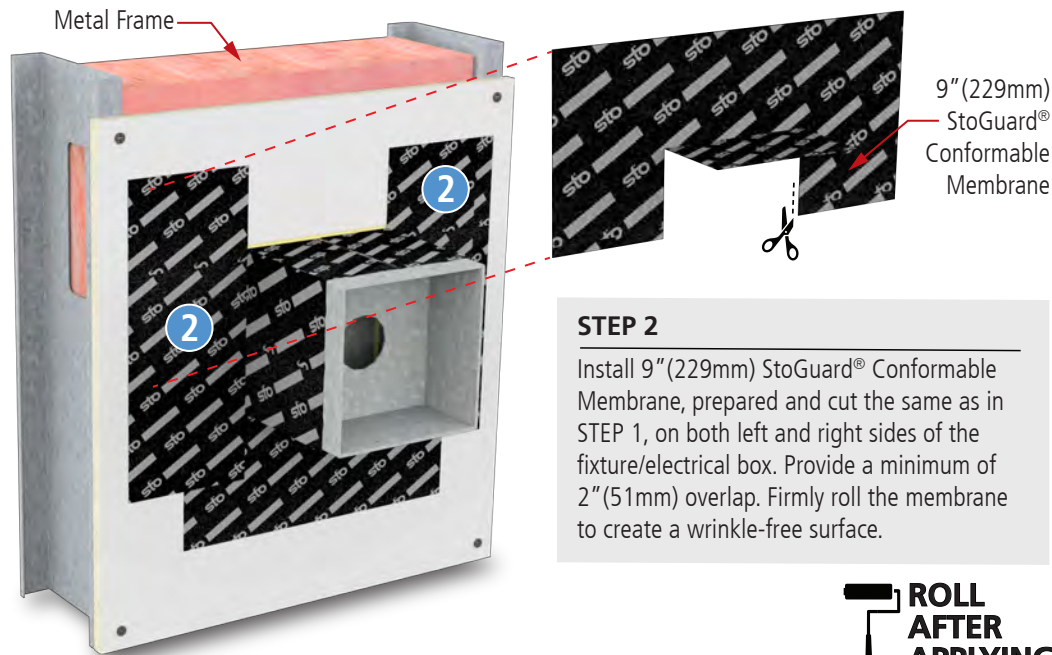
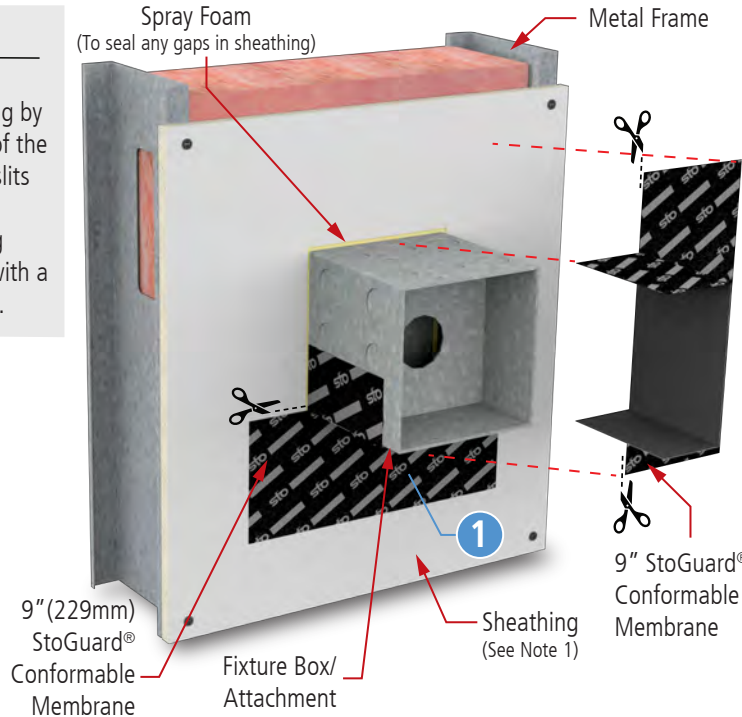


# StoGuard® Conformable Membrane Attachment to Fixture/Electrical Box

Detail No.: 23s.73  
Date: April 2023  
Page 1 of 2

## STEP 1

Install 9" (229mm) StoGuard® Conformable Membrane, placing by hand, around the bottom half of the box fixture, cutting 2" (51mm) slits at the top and bottom of the membrane to allow for wrapping onto the fixture/electrical box with a minimum of 2" (51mm) overlap.



## STEP 2

Install 9" (229mm) StoGuard® Conformable Membrane, prepared and cut the same as in STEP 1, on both left and right sides of the fixture/electrical box. Provide a minimum of 2" (51mm) overlap. Firmly roll the membrane to create a wrinkle-free surface.



## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

## 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, or 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.

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](http://www.stocorp.com).

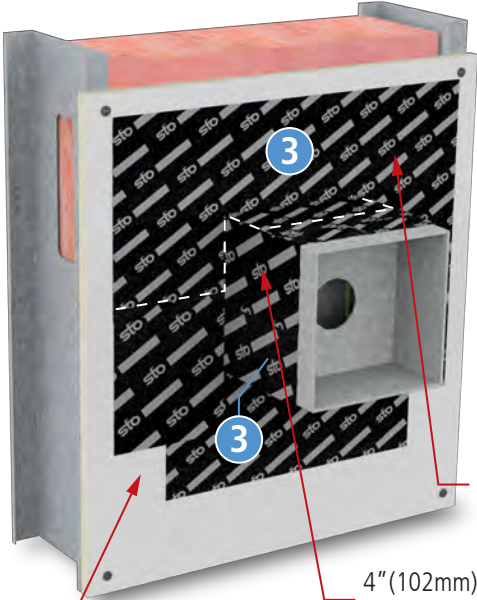
[www.stocorp.com](http://www.stocorp.com)





# StoGuard® Conformable Membrane Attachment to Fixture/Electrical Box

Detail No.: 23s.73  
Date: April 2023  
Page 2 of 2



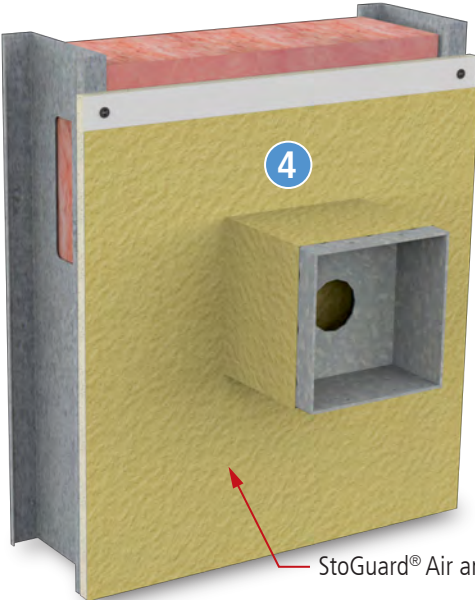
Sheathing  
(See Note 1)

9" (229mm) StoGuard® Conformable Membrane

4" (102mm) StoGuard® Conformable Membrane

**STEP 3**


Install a piece of 9" (229mm) StoGuard® Conformable Membrane around the top half of the box fixture, overlapping the bottom and side segments (Step 1) and sheathing a minimum of 2" (51mm). Then, install an additional segment of 4" (102mm) StoGuard® Conformable Membrane around the fixture/electrical box at the edges where the membrane segments from STEP 1-3 terminate. Firmly roll the membrane to create a wrinkle-free surface.



StoGuard® Air and Water-Resistive Barrier

**STEP 4**

Apply StoGuard® Air and Water-Resistive Barrier topcoat, covering the wall to produce a void and pinhole free surface.



**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

**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, or 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.

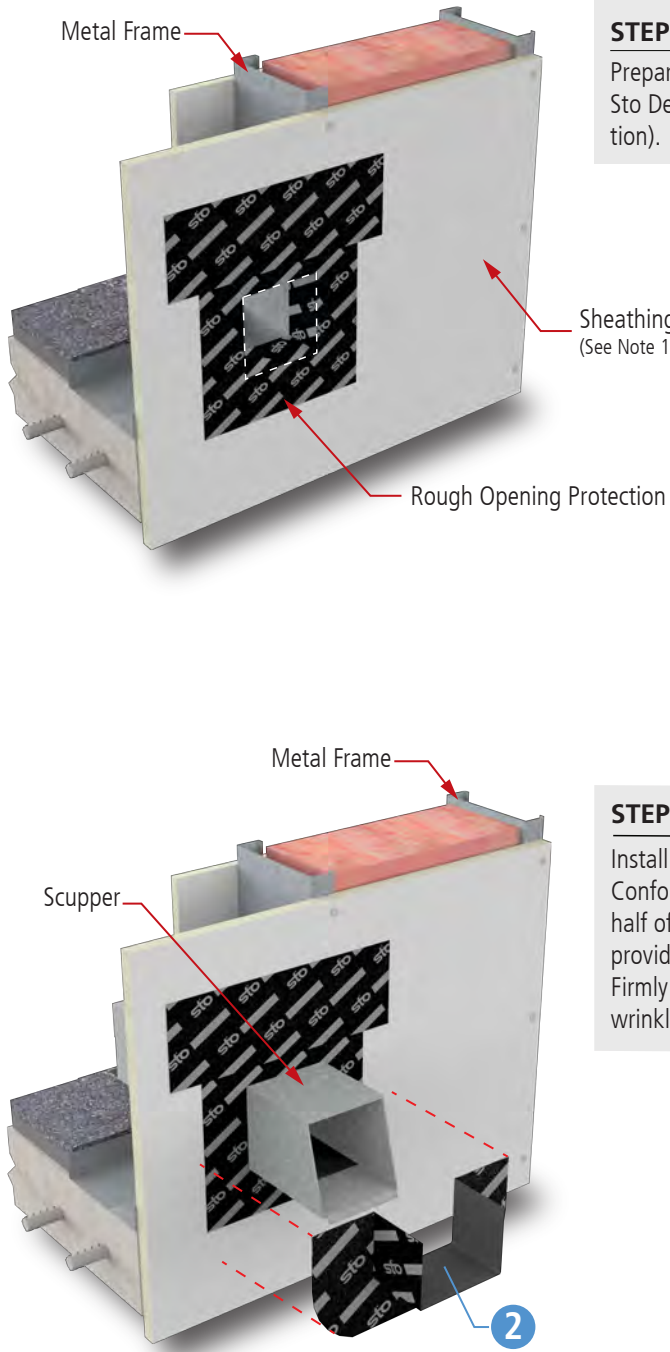
STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.  
For the fullest, most current information on proper application,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

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Scupper Penetration

Detail No.: 23s.75  
Date: April 2023  
Page 1 of 2




**STEP 1**

Prepare the scupper opening as shown in Sto Detail 23s.20 (Rough Opening Protection).

**STEP 2**

Install a piece of 9" (229mm) StoGuard® Conformable Membrane around the bottom half of the scupper, placing by hand, and providing a minimum of 2" (51mm) overlap. Firmly roll the membrane to create a wrinkle-free surface.



**ROLL  
AFTER  
APPLYING**

**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

**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, or 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.

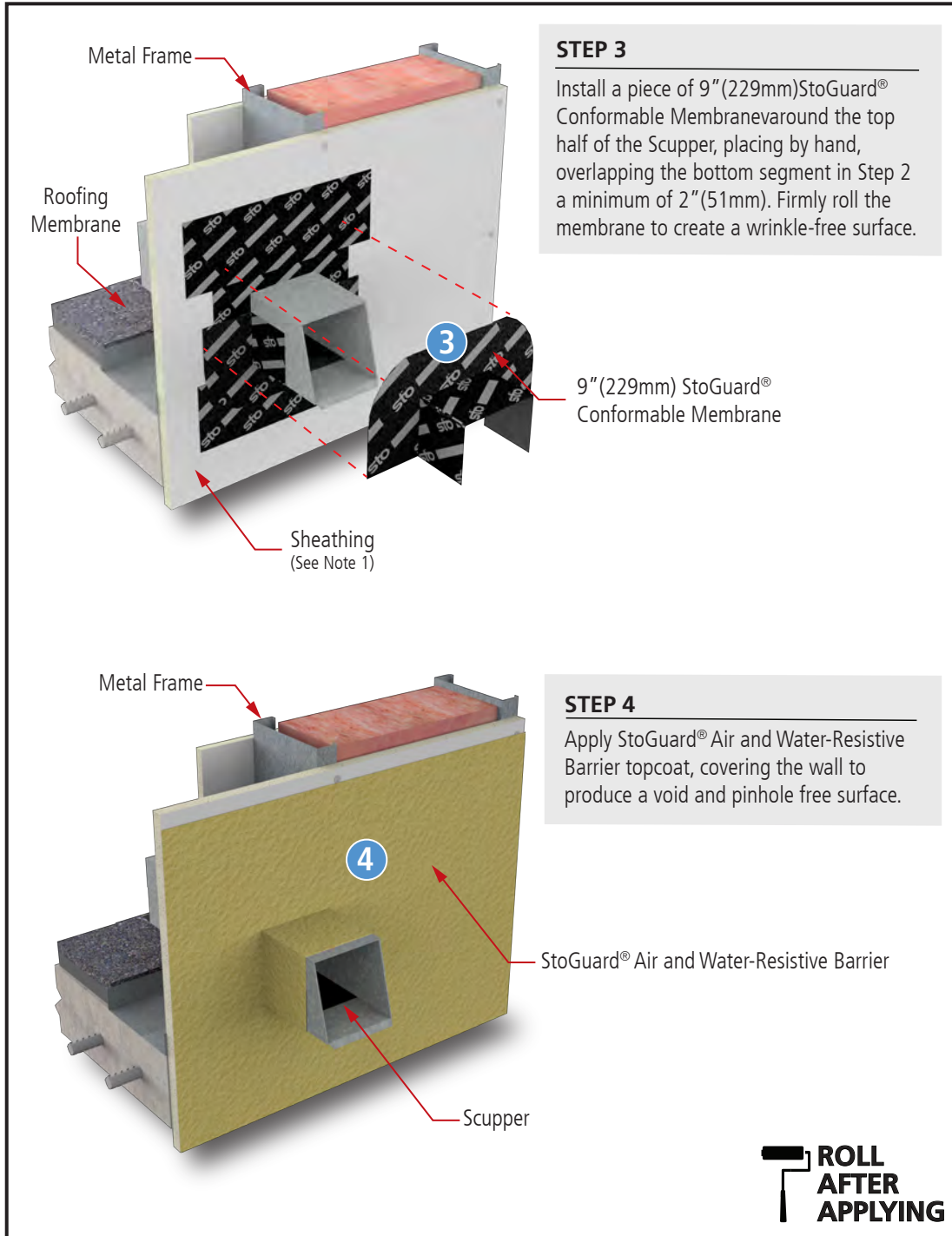
STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.  
For the fullest, most current information on proper application,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

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane Scupper Penetration

Detail No.: 23s.75  
Date: April 2023  
Page 1 of 2



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

### 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, or 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.

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](http://www.stocorp.com).

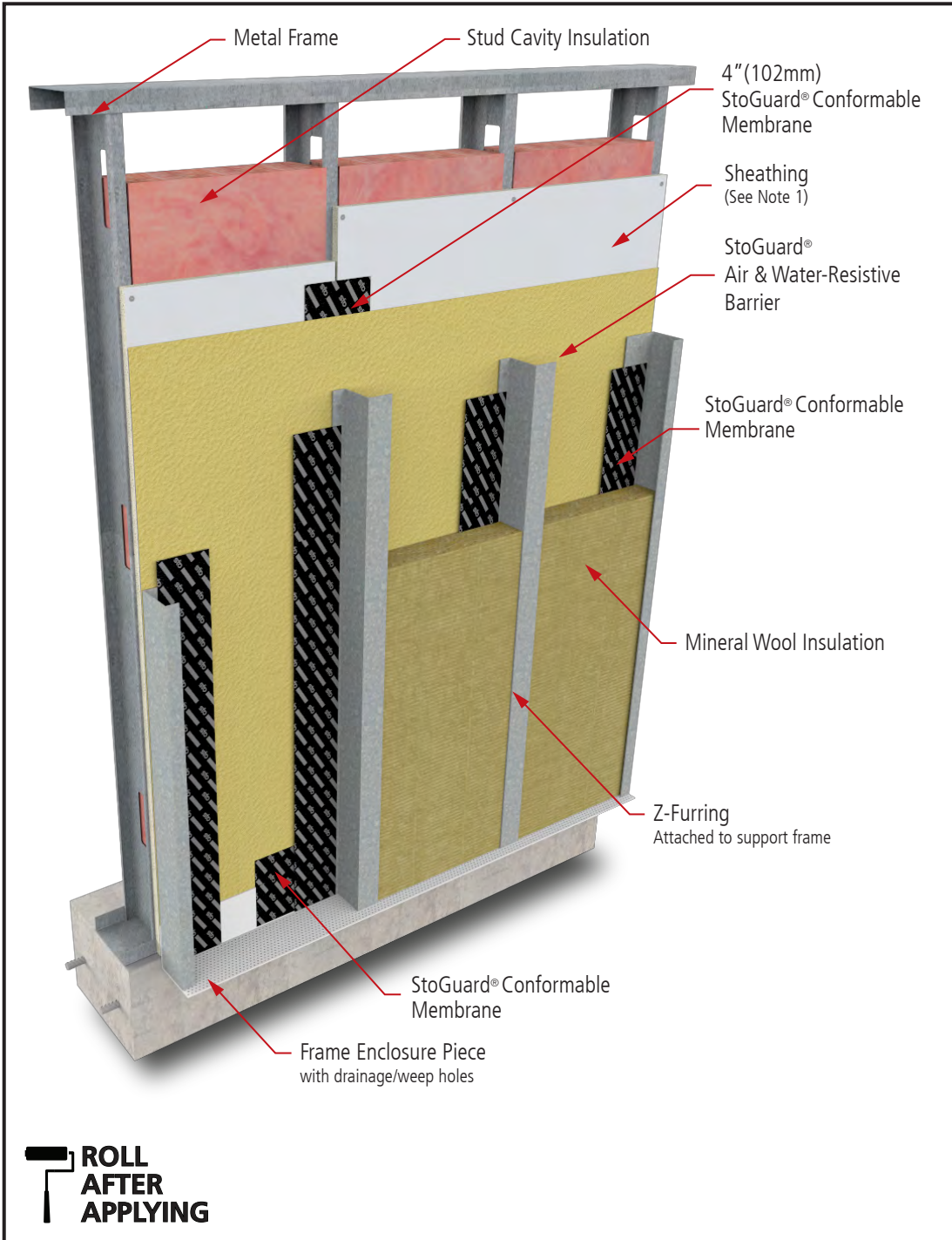
[www.stocorp.com](http://www.stocorp.com)





# StoGuard® Conformable Membrane Backer Membrane for Z-Furring

Detail No.: 23s.80  
Date: April 2023



## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
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.

## 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, or 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.

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](http://www.stocorp.com).

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane

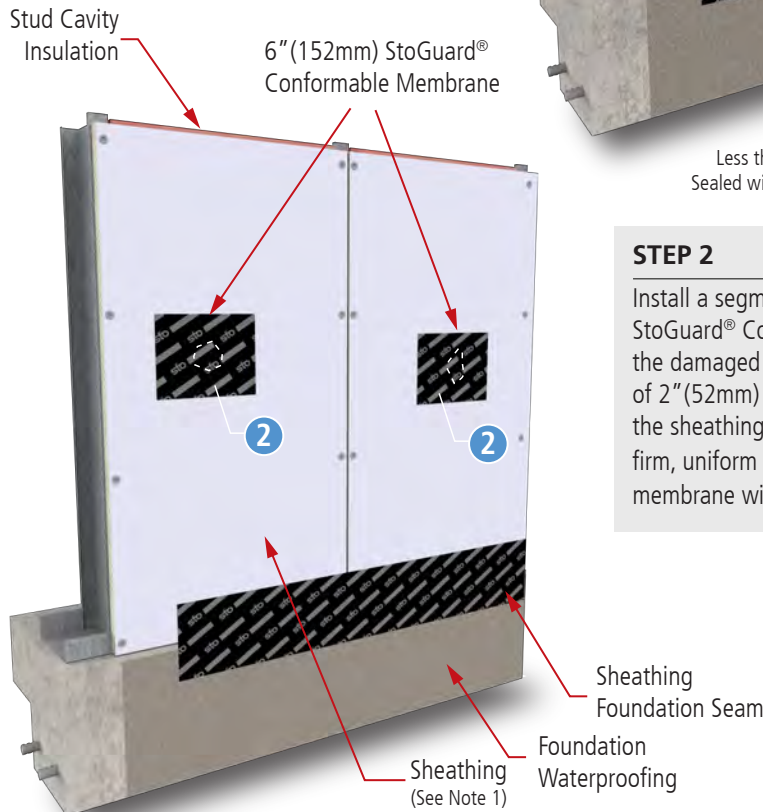
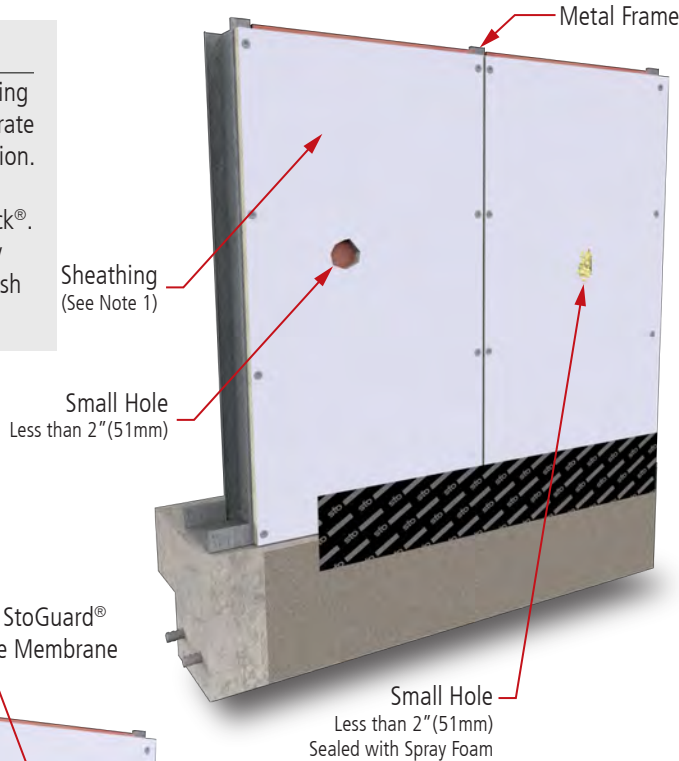
## Common Repairs - Small Hole (≤ 2" [51mm])

Detail No.: 23s.90A

Date: April 2023

### STEP 1

Prepare the damaged surface by clearing any dust, dirt or debris from the substrate surface to maximize membrane adhesion. Fill the damaged substrate area with compliant Spray Foam or Sto TurboStick®. Allow the foam to dry/cure completely before shaving or cutting the foam flush with sheathing.



### STEP 2

Install a segment of 6" (152mm) StoGuard® Conformable Membrane over the damaged area, providing a minimum of 2" (52mm) overlap on all sides onto the sheathing. After placement, apply firm, uniform pressure by rolling the membrane with a hard rubber roller.

### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
4. After any required repair and installation of StoGuard® Conformable Membrane has been completed, topcoat the wall using StoGuard® Air and Water-Resistive Barrier to produce a void and pinhole free surface.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.
6. 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

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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)

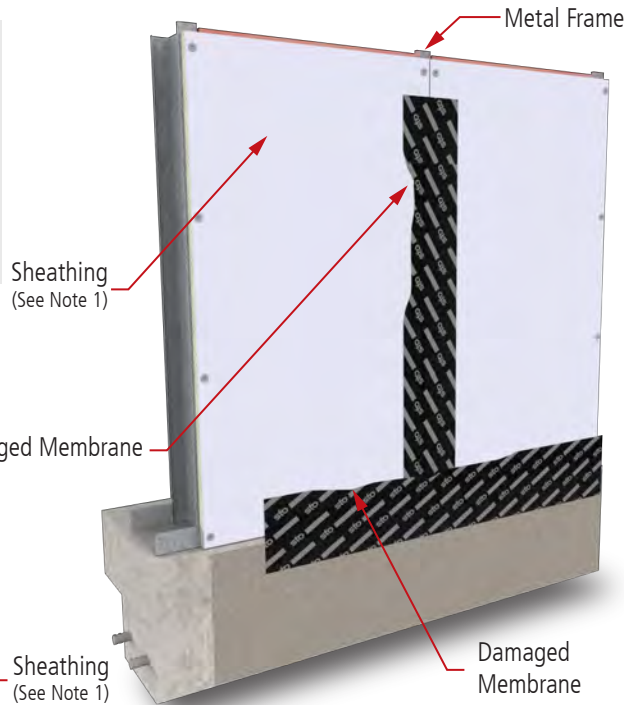


# StoGuard® Conformable Membrane Common Repairs - Damage to Membrane

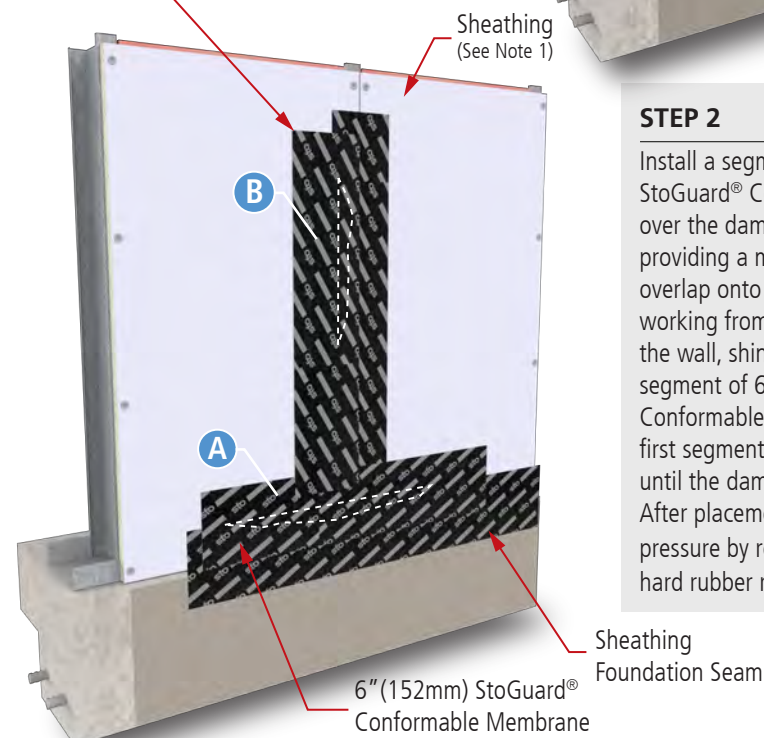
Detail No.: 23s.90B  
Date: April 2023

## STEP 1

Prepare the damaged surface by clearing any dust, dirt or debris from the substrate surface to maximize membrane adhesion. Remove any remaining damaged membrane segments or fragments that would prevent a smooth surface repair.



6" (152mm) StoGuard® Conformable Membrane  
Shingle-lapped from bottom to top



## STEP 2

Install a segment of 6" (152mm) StoGuard® Conformable Membrane (A) over the damaged membrane area, providing a minimum of 2" (52mm) overlap onto the sheathing. Next, working from the bottom, upward along the wall, shingle-lap an additional segment of 6" (152mm) StoGuard® Conformable Membrane (B) on top of the first segment (A). Continue this process until the damaged section is covered. After placement, apply firm, uniform pressure by rolling the membrane with a hard rubber roller.



## Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
4. After any required repair and installation of StoGuard® Conformable Membrane has been completed, topcoat the wall using StoGuard® Air and Water-Resistive Barrier to produce a void and pinhole free surface.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.
6. 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

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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)





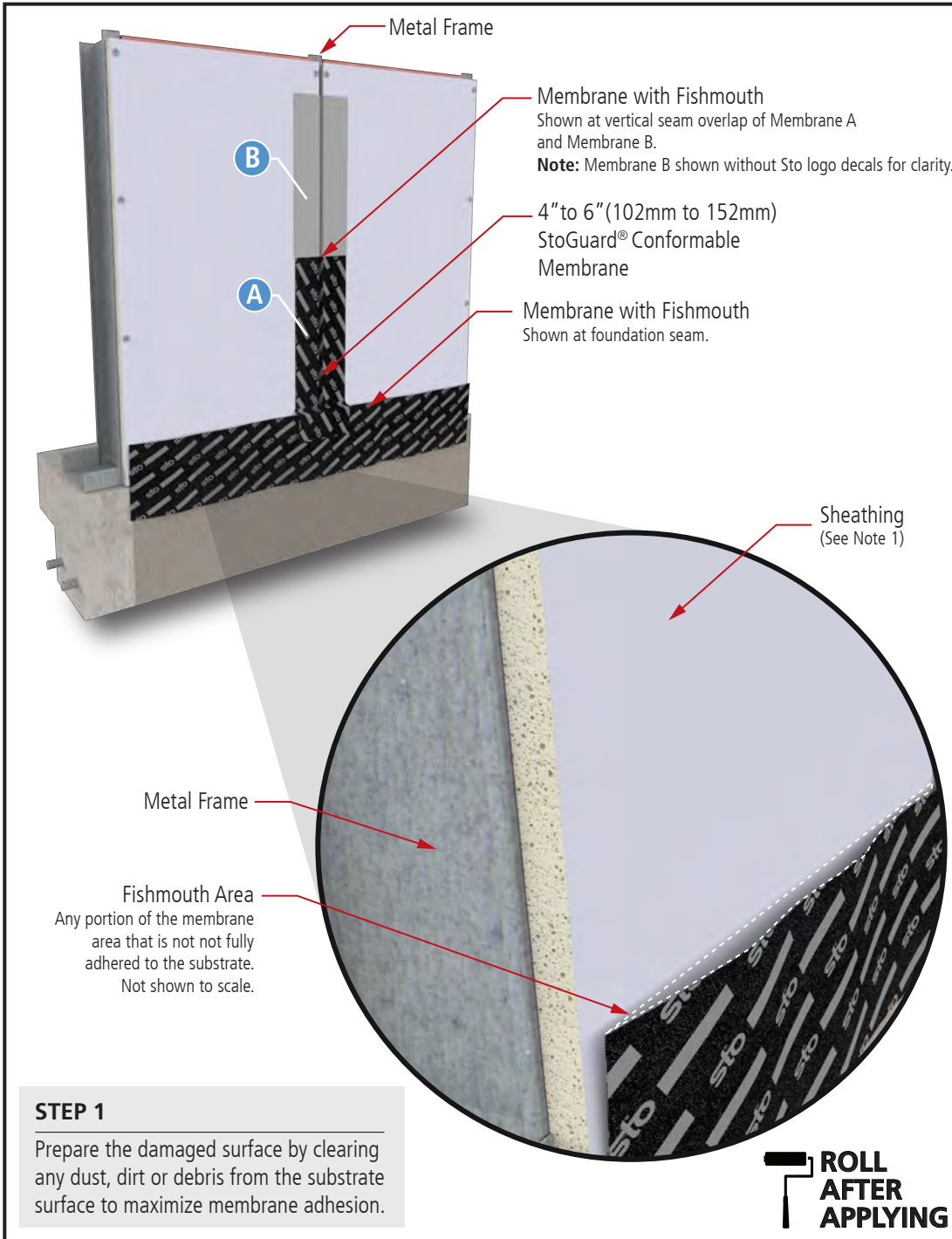
# StoGuard® Conformable Membrane

## Common Repairs - Fishmouths and Membrane Irregularities

Detail No.: 23s.90C

Date: April 2023

Page 1 of 2



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
4. After any required repair and installation of StoGuard® Conformable Membrane has been completed, topcoat the wall using StoGuard® Air and Water-Resistive Barrier to produce a void and pinhole free surface.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.
6. 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

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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



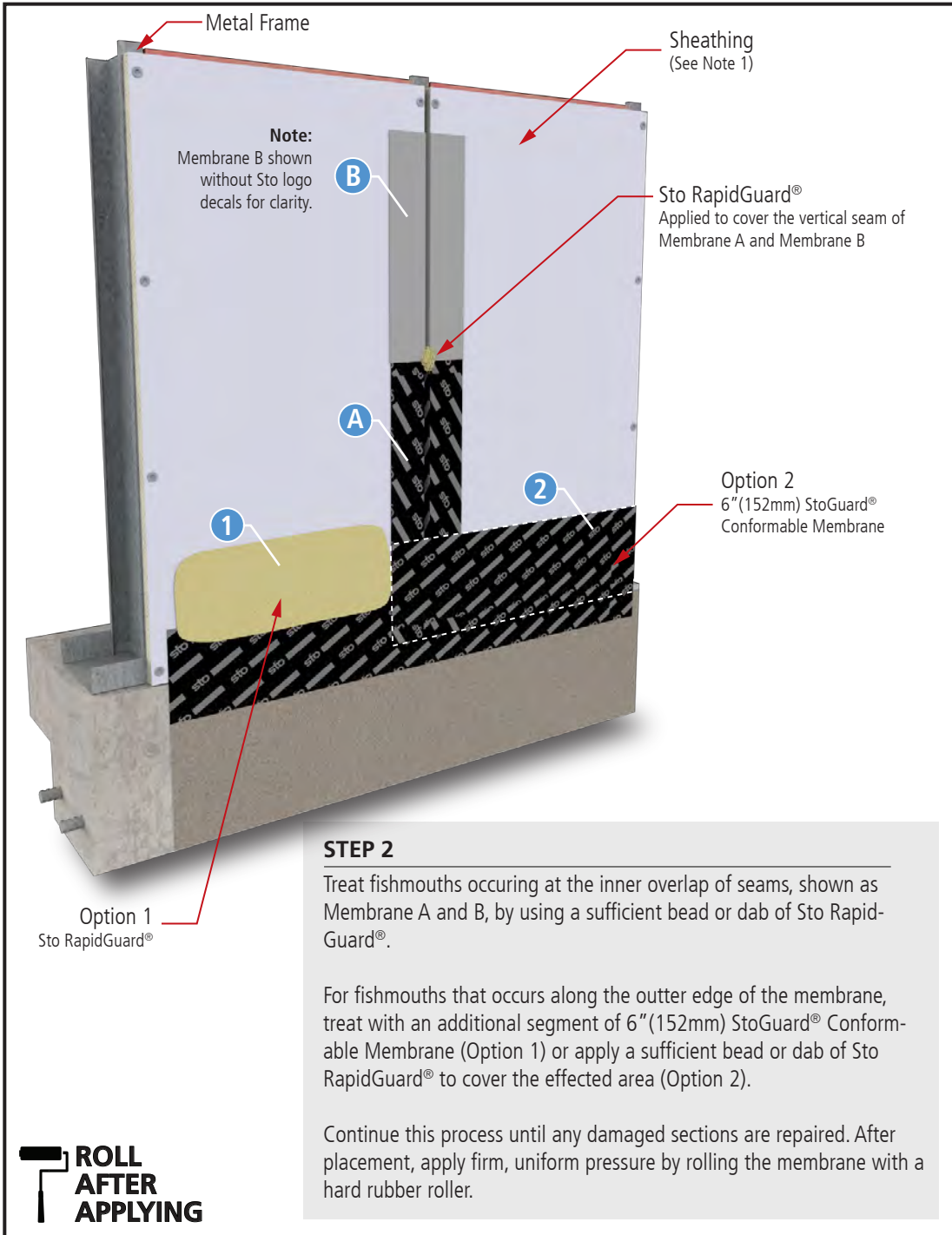
# StoGuard® Conformable Membrane

## Common Repairs - Fishmouths and Membrane Irregularities

Detail No.: 23s.90C

Date: April 2023

Page 2 of 2



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
4. After any required repair and installation of StoGuard® Conformable Membrane has been completed, topcoat the wall using StoGuard® Air and Water-Resistive Barrier to produce a void and pinhole free surface.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.
6. 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

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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)



# StoGuard® Conformable Membrane

## Common Repairs - Coverage of Pinholes with Sto RapidGuard®

Detail No.: 23s.90D

Date: April 2023

**Sto RapidGuard®**  
Applied to pinhole at  
trimmed and folded area  
(non-planar surfaces)

**StoGuard® Conformable  
Membrane**

**Sheathing**  
(See Note 1)

**Metal Frame**

**ROLL  
AFTER  
APPLYING**

**Notes:**

1. Glass mat gypsum sheathing in compliance with ASTM C1177, Exterior Grade or Exposure 1 wood-based sheathing, or cementitious sheathing in compliance with ASTM C1325 Type A.
2. Apply StoGuard® Conformable Membrane with 2" (51mm) shingle lap overlaps.
3. **IMPORTANT:** After StoGuard® Conformable Membrane application is in place, immediately apply firm, uniform pressure using a hard rubber roller to create a wrinkle-free surface.
4. After any required repair and installation of StoGuard® Conformable Membrane has been completed, topcoat the wall using StoGuard® Air and Water-Resistive Barrier to produce a void and pinhole free surface.
5. Verify compatibility of StoGuard® Conformable Membrane with foundation waterproofing via lab or field adhesion tests, or both.
6. 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.

**Instructions**

Pinholes may occur at non-planar installation locations where StoGuard® Conformable Membrane is trimmed and/or folded to provide coverage, as shown. In these instances, apply a sufficient bead or dab of Sto RapidGuard® to cover the effected areas.

Continue this process of added protection until all instances are covered.

**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, or 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.

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](http://www.stocorp.com).

Property of Sto Corp. All Rights Reserved.

[www.stocorp.com](http://www.stocorp.com)