

StoQuik® Silver DrainScreen®

Detail Booklet

Series 11s.xx | March 2022

Facades



Cement Board Systems

StoQuik® Silver DrainScreen® is a decorative and protective wall cladding assembly with advanced cavity wall design and fluid applied air and water-resistive barrier for superior moisture protection. Sto's high performance finishes applied over cement board provide handsome aesthetics and a durable exterior skin.

StoQuik® Silver DrainScreen® can be used in residential or commercial wall construction.



Design Guide



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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

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StoQuik® Silver DrainScreen®

StoQuik® Silver DrainScreen® is a cement board stucco wall covering that is intended for use over code compliant frame wall construction. It incorporates a Sto fluid applied air and water-resistive barrier, drainage mat, a Sto glass fiber reinforcing mesh, Sto base coats, Sto primers, and Sto textured or StoCast finishes. Sto finishes are used to achieve brighter, richer colors and textures, and offer a wide variety of finish looks such as stone, brick, or wood on a single substrate.

StoQuik® Silver DrainScreen® is generally recommended for use on low-rise residential and commercial wall construction (4 stories or less). In some cases such as balcony infill walls the system may be used on taller buildings. Always construct a mock-up to verify design details, aesthetics, and test to verify performance as directed by the design professional.

NOTE: Sto documents referenced in this booklet are in **bold** and can be viewed or downloaded by visiting the documentation center at www.stocorp.com, where other information - Guide Specification, System Bulletin, and Product Bulletins – is also available.

Components

Fluid Applied Air and Water-Resistive Products



Sto Gold Coat® - Roller or spray applied vapor-permeable air & water-resistive barrier designed for use in StoPower-wall® ci Systems.



Sto AirSeal® - Roller or spray applied, medium-to-high build, vapor-permeable air & water-resistive barrier for use behind siding, brick, stone, adhered veneer and other claddings.



StoGuard VaporSeal® - Roller or spray applied high build air and water-resistive barrier and Class 1 vapor retarder (< 0.1 perms). Provides superior protection against vapor diffusion, moisture intrusion, and air leakage.



Sto Gold Coat® TA - Trowel applied vapor-permeable air & water-resistive barrier for use behind siding, brick, stone, adhered veneer, and other claddings.

Detail Component Products



Sto Gold Fill® - Trowel applied joint treatment and air barrier material used to treat rough openings, corners, and sheathing joints with StoGuard® Mesh or Sto Detail Mesh.



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® Fabric - Non-woven cloth reinforcement to treat joints, inside and outside corners and rough openings when embedded in Sto Gold Coat, Sto AirSeal or Sto VaporSeal.



StoGuard® Mesh - Glass fiber, self-adhesive mesh for use with Sto Gold Fill and Sto Gold Coat TA as part of the StoGuard assembly.



Detail Component Products (cont'd)

 **Sto Mesh, Sto Intermediate Mesh & Sto Detail Mesh** - A variety of designed coated glass fiber meshes used to provide reinforcement and impact resistance in Sto claddings.

 **Sto Armor Mat & Sto Armor Mat XX** - A heavy, specifically designed coated glass fiber mesh used to provide ultra-high impact resistance in Sto claddings.

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

 **StoGuard® Transition Membrane** - Flexible air barrier material used to make connections with adjoining construction to achieve continuity of the air barrier assembly at dynamic joints and dissimilar materials.

 **StoGuard® Tape** - A self-adhering membrane composed of spun bond polyester fabric laminated to rubberized asphalt adhesive for use as rough opening protection at windows and doors. StoGuard® Primer required.

Drainage

 **Sto DrainScreen®** - is a tangled filament drainage and ventilation mat for use in above grade vertical wall assemblies. It provides continuous ventilation and drainage to remove incidental moisture and helps protect the integrity of the wall assembly.

Base Coats/Adhesive

 **Sto BTS® Plus** - A trowel or spray applied, one-component, polymer-modified, high build cement based, dry powder material used as an adhesive and base coat.

 **Sto BTS® Xtra** - A trowel or spray applied, lightweight factory blended one component polymer modified portland cement based extra high build base coat.

 **Sto Primer/Adhesive B** - A trowel or spray applied, one-component, polymer-modified, cement based, dry powder material used as a base coat.

 **Sto Flexyl** - A trowel or spray applied, ready mixed acrylic based fiber reinforced base coat material used as an adhesive and base coat.

Cement Board Stucco and Foam Trim

 **PermaBase™ Brand Cement Board** - Minimum ½ inch (13 mm) thick cement board in Compliance with ASTM C 1325. Supplied by others.

 **Sto EPS Insulation Board** - Nominal 1.0 lb/ft³ (16 kg/m³) Expanded Polystyrene (EPS) Insulation Board in compliance with ASTM C578 Type I, ASTM E2430 requirements. Minimum 1" (25mm) and maximum is 4" (100mm).



Primer

 **StoPrime® Sand** - A roller, brush or sprayed applied, tintable, sanded primer used to reduce surface water absorption of the base coat, and to enhance finish color, texture, and coverage of finishes.

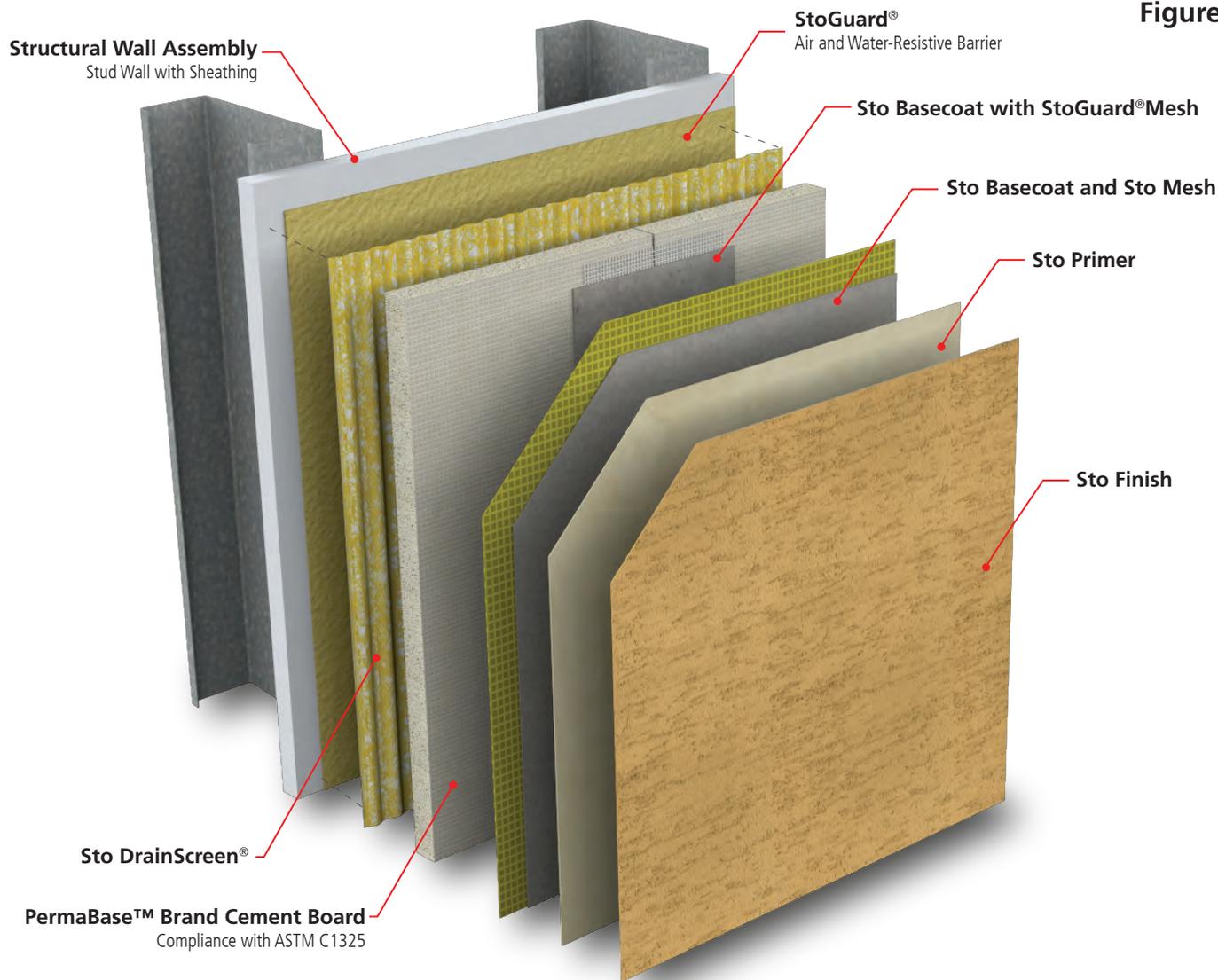
Finishes

 **Stolit® Lotusan®** - A trowel or sprayed applied, ready-mixed, acrylic-based wall finish with Lotus-Effect® Technology for highest water repellency and resistance to soiling. Available in a variety of graded marble aggregates, as well as standard and specialty textures.

NOTE: Please visit www.stocorp.com for more information on a wide range of available Sto Finish options for StoQuik® Silver DrainScreen® including; StoSignature, StoCast (Wood and Brick), Stolit® HDP™, Stolit®, Stolit® X, Sto Powerflex, Sto Powerflex Silco, StoPowerwall®, Sto Essence DPR, and Sto Essence DPR finishes.



Figure 1.0



Structural Considerations

1. Racking Loads, Load Bearing Walls: racking resistance in StoQuik® Silver DrainScreen® wall assemblies is provided by the structural backup of frame wall construction. When the structural backup wall is load bearing it must carry roof and floor loads. In all cases, stresses from racking and gravity loads are not to be transferred to the cement board stucco wall covering, as they can cause cracking in the outer wall surface.
2. Wind Loads: StoQuik® Silver DrainScreen® transfers positive wind loads to the supporting wall construction and resists negative wind loads via mechanical attachment to the structural wall. Maximum stud spacing is 16 inches (406mm) on center with minimum ½ inch (13 mm) glass mat faced gypsum sheathing in compliance with ASTM C1177 or minimum 7/16 inch (11 mm) Exterior or Exposure I plywood or OSB wood-based sheathing in compliance with US DOC PS-2. Design for maximum allowable deflection, normal to the plane of the wall of $L/360$, and in conformance with applicable building code requirements. Consult Sto [ICC ESR-2536](#) for allowable wind pressures (in general, published values in ICC-ES reports have a safety factor of 3 applied to ultimate loads).
3. Fixture Attachments: StoQuik® Silver DrainScreen® should not be used as a base for mechanical anchoring of attachments such as signage or light fixtures.



Fire Protection

Noncombustible Construction: StoQuik® Silver DrainScreen® can be used on Types I, II, III, and IV noncombustible wall construction. It is also suitable for use on Type V, combustible wall construction. Refer to ICC ESR-2536.

Fire Resistance-Rated Wall Assemblies: StoQuik® Silver DrainScreen® fire-resistance rated wall assemblies are published in ICC ESR-2536.

Engineering judgements, modeling, or rational analysis by qualified fire protection engineers can also be used to determine if a particular wall assembly that includes StoQuik® Silver DrainScreen® will achieve an hourly rating.

Moisture Protection

1. **Air Barrier and Water-Resistive Barrier:** StoGuard® is the air and water-resistive barrier component in StoQuik Silver DrainScreen. It is installed over wood-based sheathing and glass mat gypsum sheathing, and can also be installed on cementitious sheathing, concrete, and concrete masonry substrates. StoGuard provides protection against moisture damage during the construction process and in the event of a breach in StoQuik Silver DrainScreen while in service. It is not intended to correct faulty workmanship such as the absence or improper integration of flashing in the wall assembly, nor is it intended to correct defective components of construction such as windows that leak into the wall assembly. Flashing should always be integrated in the wall assembly to direct water to the exterior, not into the wall assembly, particularly at potential leak sources such as windows.

As a component of an air barrier assembly StoGuard® minimizes the risk of condensation within the building envelope by resisting mass transfer of moisture in the air to a cold surface in the wall assembly. A complete air barrier system consists of individual air barrier materials and the connections between them. The air barrier materials must be continuously connected with compatible air barrier components such that walls, roof, foundation, windows, doors, and other penetrations through the wall perform as an effective air barrier system to minimize condensation caused by air movement. The design/construction professional must take construction sequencing into account when designing an "airtight" assembly to ensure continuity and long-term durability. The effects of air tightness on mechanical ventilation should also be included in the overall project design.

An air barrier should not be confused with a vapor retarder, which may also be used in the wall assembly to retard water vapor diffusion and reduce the risk of condensation. Generally, a vapor retarder is placed on the warm side of the insulation. Specifically, it is placed on the interior side of the insulation in cold climates. A vapor retarder may not be necessary, or appropriate, depending on the wall components and the range of temperature/humidity conditions inside and outside. A vapor retarder should not be used on the inside of walls in hot, humid climates. A dew point analysis and/or dynamic hygrothermal modeling should be performed to determine whether a vapor retarder is appropriate. Sto manufactures vapor permeable, vapor retarder, and vapor impermeable air barriers/water-resistive barriers for use in StoQuik® Silver DrainScreen®.

2. **Drainage:** StoQuik® Silver DrainScreen® includes a drainage mat component, Sto DrainScreen®, that creates a cavity behind the cement board to promote drainage and drying of the wall assembly in the event of incidental water infiltration through a crack in the outer surface. Sto DrainScreen® is available in two thicknesses to create a nominal ¼ inch (6mm) cavity or 3/8 inch (10mm) cavity, as required by some building codes.
3. **Flashing:** Flashing is required to direct water to the exterior where it is likely to penetrate components in the wall assembly and to divert water away from, not into, the exterior wall, including, above window and door heads, beneath window and door sills, at roof/wall intersections, decks, abutments of lower walls with higher walls, above projecting features, at floor lines, and at the base of the wall.



Moisture Protection (cont'd)

4. Grade Condition: Cement board stucco is recommended to terminate minimum 6-inches (152mm) above earth grade and 2-inches (51mm) above hardscape (pavers/sidewalk). Increased clearance should be provided in freeze/thaw climate zones where snow drifts can accumulate against the wall surface. Do not specify StoQuik® Silver DrainScreen® for use below grade.

Do not use StoQuik® Silver DrainScreen® on surfaces subject to continuous or intermittent water immersion or hydrostatic pressure. Prevent the accumulation of water behind StoQuik® Silver DrainScreen®, either by condensation or water leakage into the wall construction, in the design and detailing of the wall assembly, and with proper sequencing and protective measures during construction.

For further information see **Sto Tech Hotline No. 0403-BSc, Critical Detail Checklist for Wall Assemblies**, **Sto Tech Hotline No. 0603-BSc, Moisture Control Principles for Design and Construction of Wall Assemblies**, and **Sto Tech Hotline No. 1001-BSc, Effects of Temporary Heating on Construction Materials in Cold Weather**.

Thermal Insulation

StoQuik® Silver DrainScreen® is insulated in the stud cavity of frame walls with insulation as determined by the design or construction professional.

Impact Resistance

StoQuik® Silver DrainScreen® is an impact resistant wall system, often specified for use on ground floors and other areas where abuse and impact resistance are important.

Color Selection

Select colors with a lightness reflectance value (LRV) of > 30 and as dictated by allowable joint spacing. Refer to Sto Color Chart for LRVs.

Certain highly saturated colors such as dark blue, violet, or fire engine red require the use of organic tints to achieve their color. Organic tints are more prone to fade than inorganic tints. See **Sto Tech Hotline No. 0893-EC, Fading in EIFS and Architectural Coatings**, for further information on this topic and how to avoid color problems.

Joints and Accessories

Provide back-to-back casing beads in the cement board stucco assembly where building movement is anticipated: at joints in the substrate or supporting construction, where the system is to be installed over dissimilar construction or substrates, at changes in building height, at floor lines, and at columns and cantilevered areas. Back the joint with the appropriate StoGuard detail component.

- Provide one piece control joints at no greater than 25 ft (7.6 m) intervals and 625 ft² (58 m²) for light colors (LRV > 70), and at no greater than 16 ft (4.68 m) and every 256 ft² (23.5 m²) for dark colors (LRV < 70 and > 30). Do not exceed length to width ratio of 2-1/2:1 in expansion joint layout.

- Provide one piece control joints at through wall penetrations, for example, at corners above and below windows and doors, and similar penetrations through the wall. Alternatively use minimum 9 inch (229 mm) wide diagonal mesh reinforcement at corners over cement board sheathing that is cut in an "L" shape around the corner of the opening.



Joins and Accessories (cont'd)

- Provide minimum 3/8 inch (9 mm) wide joints where the system abuts windows, doors and other through wall penetrations.
- Provide appropriate accessories at cement board stucco terminations and joints. Refer to Sto Specifications and Details.
- Avoid the use of channel reveal accessories which can interfere with proper drainage and proper stress relief (channel reveal accessories do not function as control or expansion joints, unless specifically designed to accommodate movement; nor can they drain incidental water unless specifically designed and detailed for this purpose).
- Provide appropriate sealant at cement board stucco terminations and at accessory butt joints.
- Indicate location of joints, accessories and accessory type on architectural drawings.
- Maintain air and water-resistive barrier continuity at joints with appropriate StoGuard® transition detail components.

Trim, Reveals, and Projecting Architectural Features

In general, trim around windows, at floor lines, and other areas of construction is achieved with EPS foam trim. All foam trim and projecting architectural features should have a minimum 1:2 [27°] slope along their top surface. Minimum 3/4-inch (19 mm) foam thickness must remain beneath all finished reveals. All horizontal reveals should have a minimum 1:2 [27°] slope along their bottom surface. Slope should be increased for northern climates to prevent accumulation of ice/snow and water on the sloped surface. Where foam trim or the bottom surface of reveals project more than 2-inches (51 mm) from the face of the StoQuik® Silver DrainScreen® wall plane, the top surface should be protected with waterproof base coat. Periodic inspections and increased maintenance may be required to maintain appearance and surface integrity of finishes installed on weather exposed sloped surfaces. Limit projecting features to easily accessible areas and limit total area to facilitate and minimize maintenance. Refer to Sto Details.

Do not use the StoQuik® Silver DrainScreen® on roofs or roof-like conditions. Do not use StoQuik® Silver DrainScreen® on parapets, weather exposed projecting ledges, sills, or other projecting features, unless supported by framing or other structural support and protected with metal coping or flashing. Refer to Sto Details.

The installed cement board surface must be straight and true to within 1/4 inch in 10 feet (2 mm/m) for best aesthetics. Planar irregularities/waviness may be visible in the finished wall surface because of out of plane studs or other framing irregularities. Heavy texture finishes (> 1.5 mm) and/or two coats of base coat will minimize these effects.

Efflorescence

Efflorescence can occur in wall assemblies that include portland cement-based products, and can affect final appearance of finish products installed over cement board stucco. Efflorescence is generally caused by water getting into or behind the cement board stucco and migrating to the exterior while carrying soluble salts that are within the cement board and other portland cement-based materials. To prevent or minimize efflorescence, the use of a primer such as StoPrime Hot, and Sto high performance finishes, will add to the water penetration resistance of the cement board stucco wall assembly. Protective measures during construction to prevent water from getting into the wall, along with the use of flashing, coping, overhangs and other methods of construction that keep water away from the wall will also help to prevent or minimize efflorescence.



Cracking

Some degree of cracking is possible in cement board stucco wall assemblies. Cracking is generally not caused by a material defect and can be minimized by following sound design and construction practice such as: proper incorporation of stress relief joints in the construction, and proper sequencing of construction to avoid stresses on the outer surface of the wall. For example, roof loads should be in place before finishes are applied to exterior load bearing frame walls, and interior drywall should be installed on exterior walls before finish is installed to avoid stress transfer to the outer wall surface.



Table 1.1 - StoGuard® Product Application

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



Design Details

Components

| | |
|--|-------------|
| System Components | 11s.00 |
| System Components with StoCast Brick | 11s.01 SCB |
| System Components with StoCast Wood | 11s.01 SCW |
| System Components with MVES (Masonry Veneer Engineered System) | 11s.01 MVES |
| System Components with Alternate Drip Track | 11s.02 |
| L-Bead Termination at Dissimilar Material | 11s.03a |
| Casing Bead Accessory at Dissimilar Material | 11s.03c |

Installation at Joints

| | |
|--|---------|
| Control Joint Accessory (Face Mount) | 11s.03c |
| Control Joint Accessory (Back Mount) | 11s.03d |

Installation at Aesthetic Bands

| | |
|--|---------|
| Foam Aesthetic Band/Projection (Thick) | 11s.04a |
| Foam Aesthetic Band/Projection (Thin) | 11s.04b |

Installation at Sidewalk

| | |
|---|--------|
| Termination at Sidewalk over Wood Frame | 11s.11 |
|---|--------|

Installation at Windows

| | |
|--|---------|
| Rough Opening Protection over Wood Frame | 11s.20a |
| Brick Mold Window Head | 11s.20b |
| Brick Mold Window Sill / Jamb | 11s.20c |
| Pan Flashing at Opening Sill | 11s.21a |
| Sill Flashing: Nail-fin Window | 11s.21b |

Installation at Decks and Soffits

| | |
|-----------------------------|--------|
| Deck Flashing | 11s.32 |
| Termination at Soffit | 11s.40 |

Installation at Joints and Corners

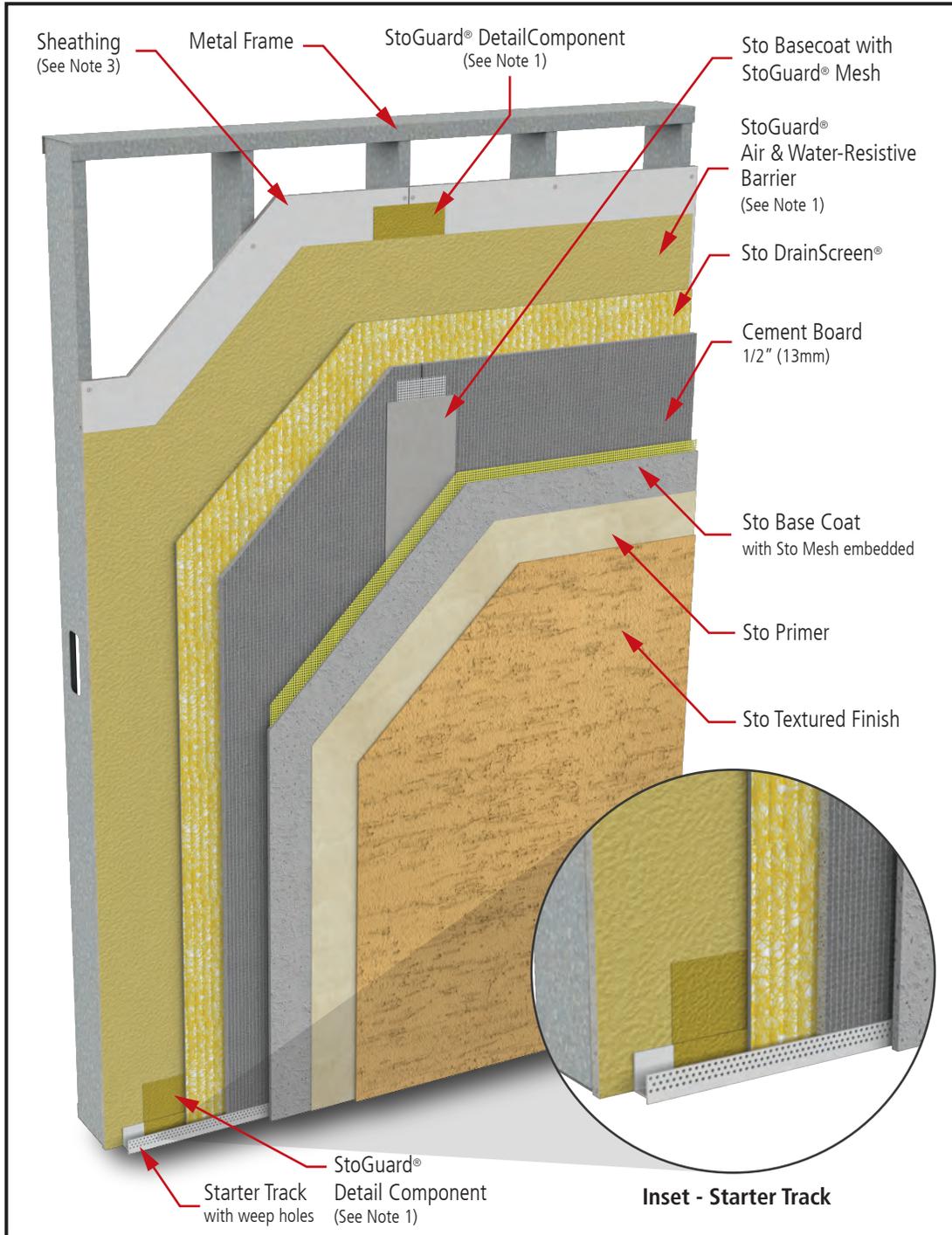
| | |
|--|---------|
| Floor Expansion Joint | 11s.50 |
| Joint at Inside Corner: Different Substrates | 11s.53a |
| Joint at Inside Corner: Common Substrate | 11s.53b |
| Outside Corner: Common Substrate | 11s.54 |

Roof Abutments, Saddle Flashing and Buildouts

| | |
|-----------------------------------|--------|
| Roof/Wall Diverter Flashing | 11s.62 |
| Saddle Flashing | 11s.65 |
| Foam Build-outs | 11s.70 |

StoQuik® Silver DrainScreen® System Components

Detail No.: 11s.00
Date: March 2022



Notes:

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

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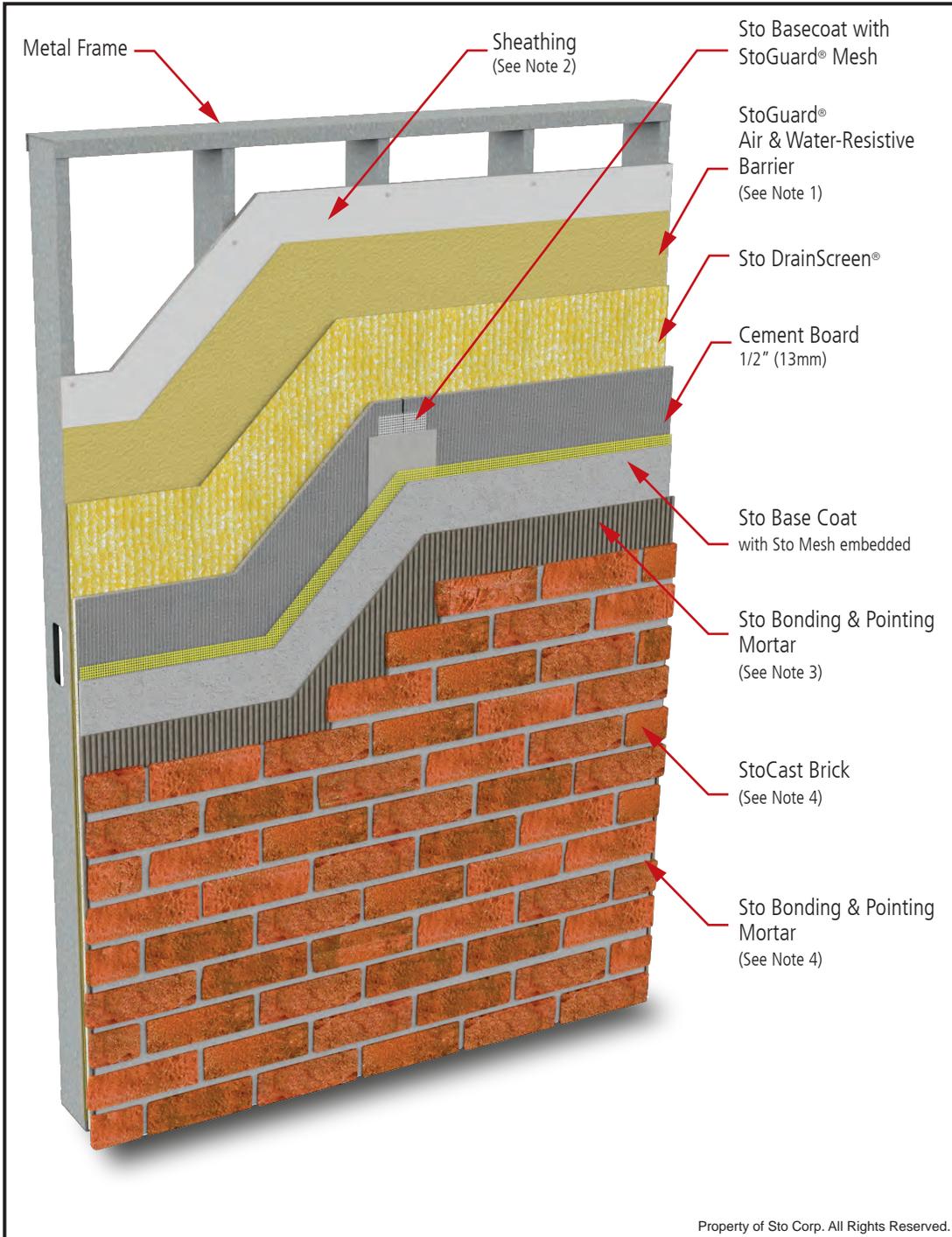
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StoQuik® Silver DrainScreen® with StoCast Brick

Detail No.: 11s.01 SCB
Date: March 2022



Notes:

Notes:

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

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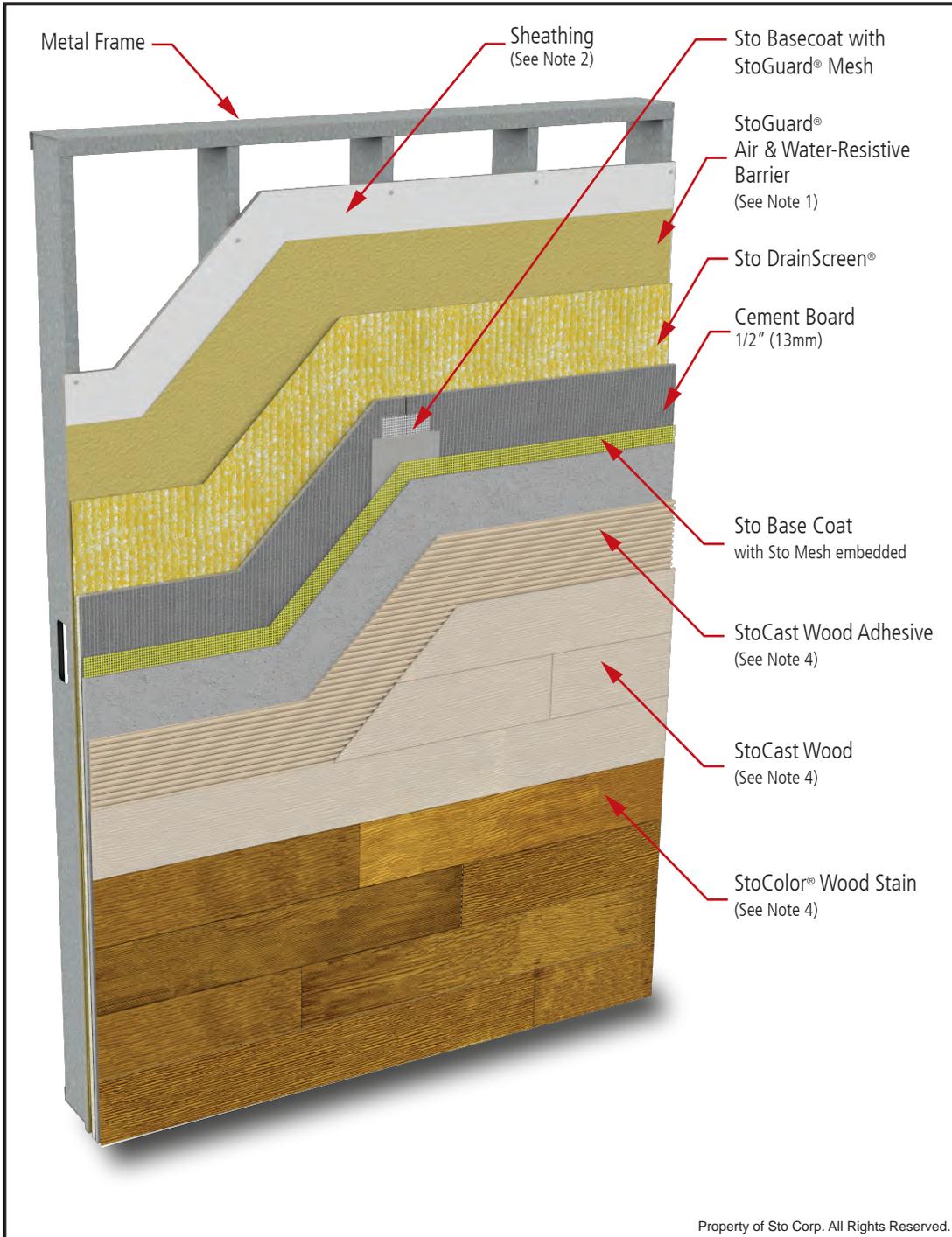
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StoQuik® Silver DrainScreen® with StoCast Wood

Detail No.: 11s.01 SCW
Date: March 2022



Notes:

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

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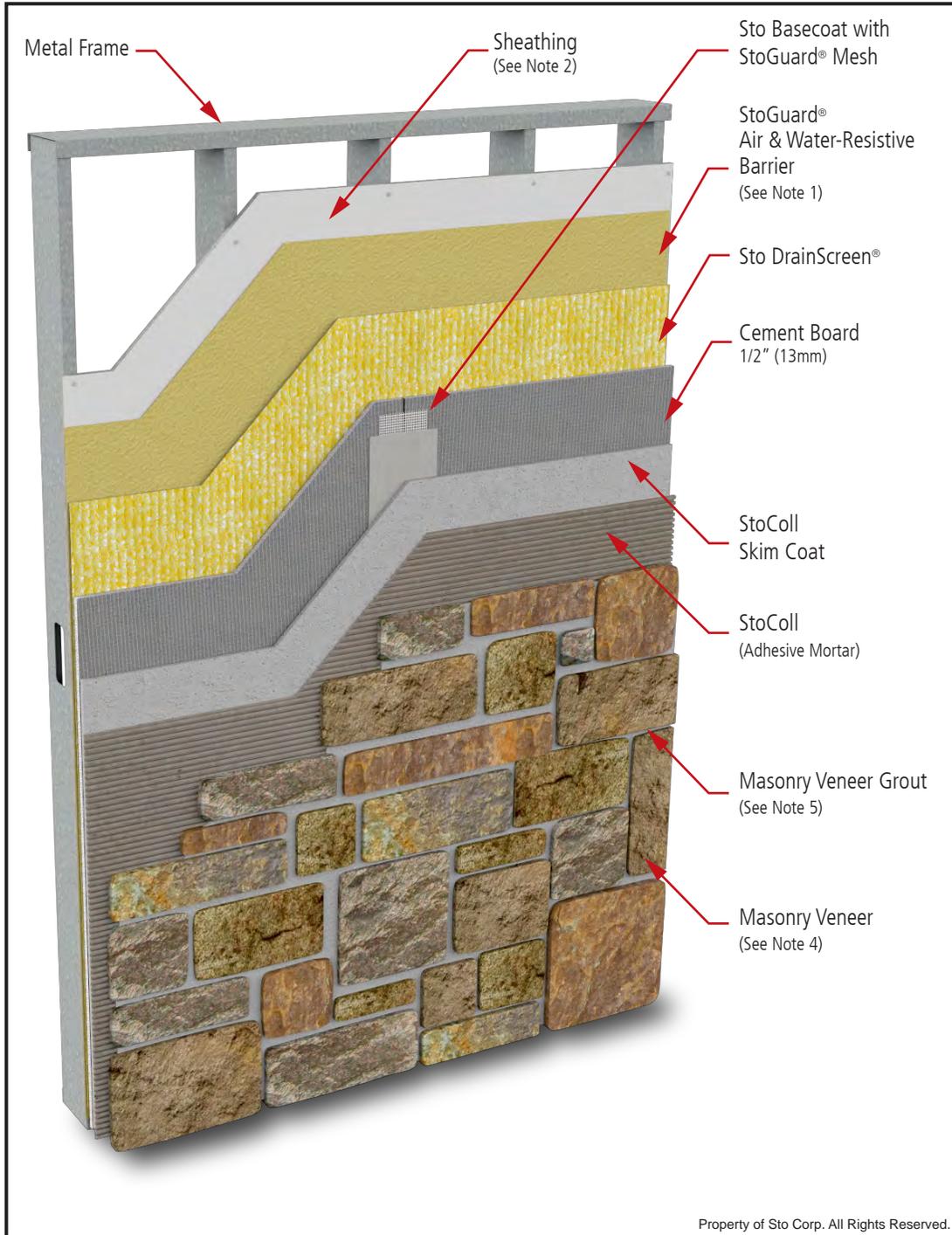
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StoQuik® Silver DrainScreen® MVES Masonry Veneer Engineered System

Detail No.: 11s.01 MVES
Date: March 2022



Notes:

1. Refer to StoGuard Product Use Chart (Table 1.1) for StoGuard detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.
2. Refer to General Notes for specific information and design guidance on wall assembly components.
3. Glass mat gypsum sheathing in compliance with ASTM C1177, exterior grade and Exposure 1 wood based sheathing, or cementitious sheathing in compliance with ASTM C1325.
4. Veneer options: thin brick, thin stone, ceramic tile or cultured stone in conformance with applicable building code requirements.
5. Portland cement-based grout / pointing mortar in compliance with ANSI 118.7
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.

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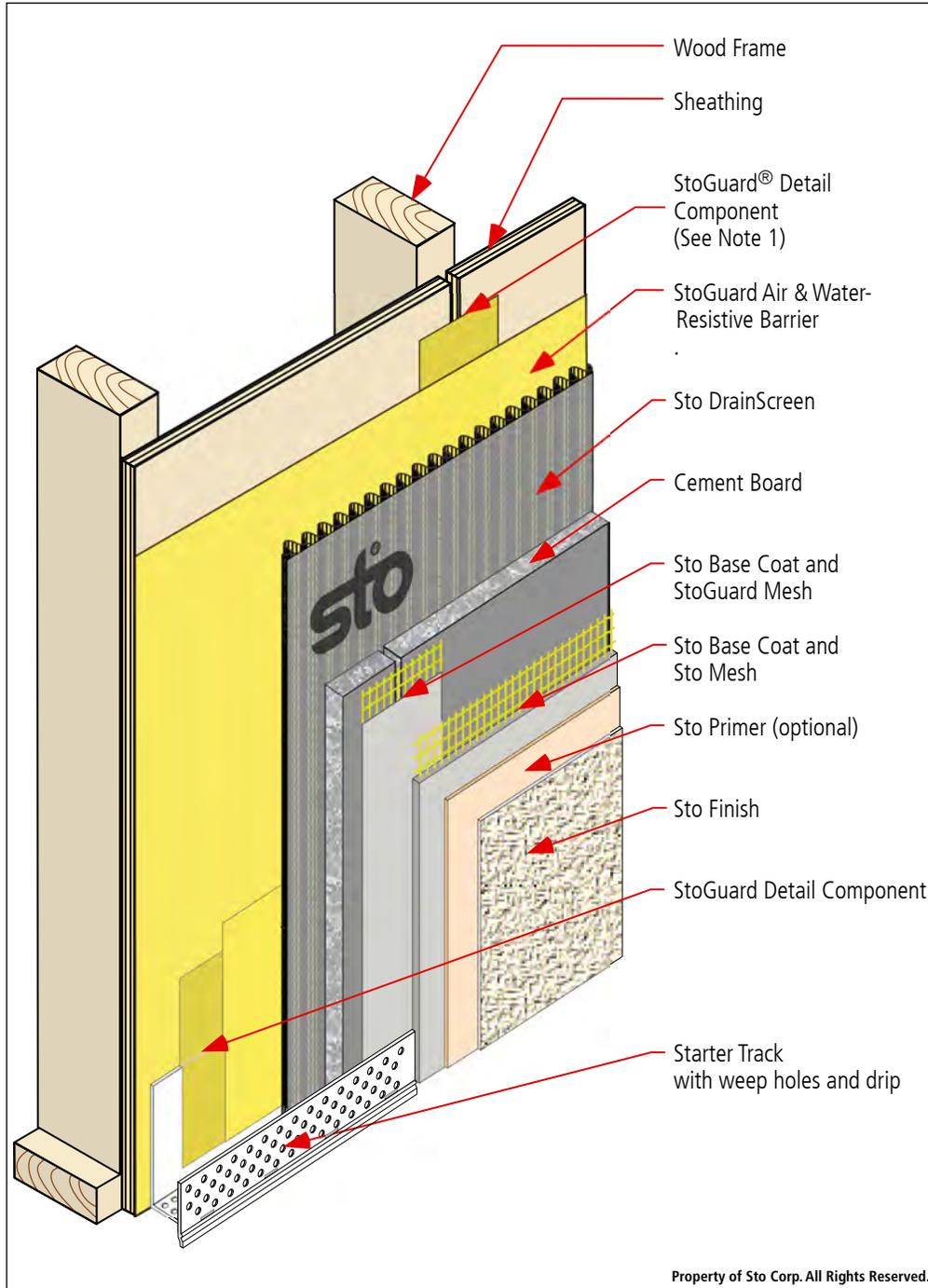


StoQuik® Silver DrainScreen®

System Components - Alternate Starter Track

Detail No.: 11.02

Date: March 2022



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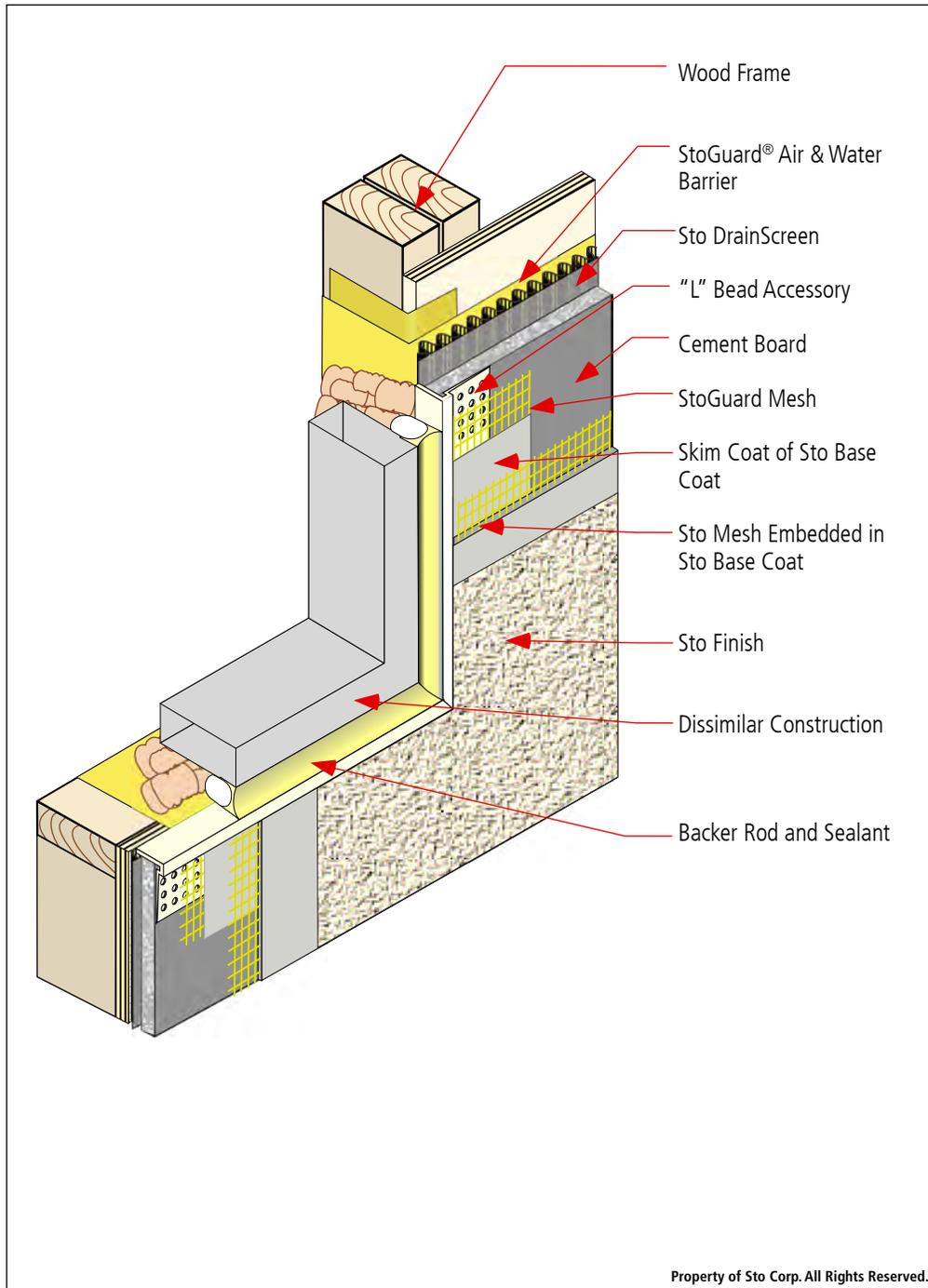
www.stocorp.com



StoQuik® Silver DrainScreen®

"L" Bead Termination Accessory at Dissimilar Material

Date: March 2022

**Notes:**

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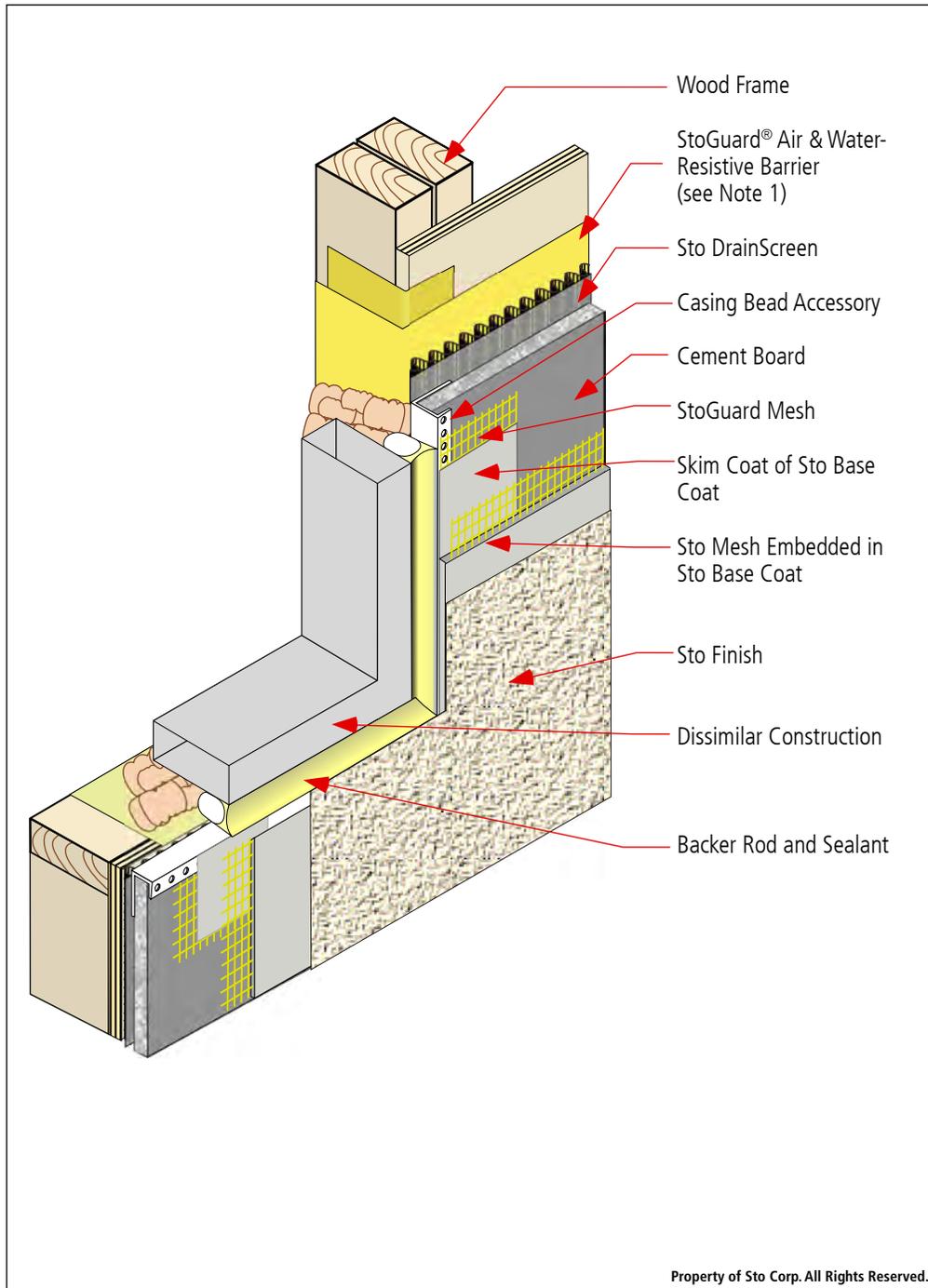
www.stocorp.com



StoQuik® Silver DrainScreen® Casing Bead Accessory at Dissimilar Material

Detail No.: 11.03b

Date: March 2022



Notes:

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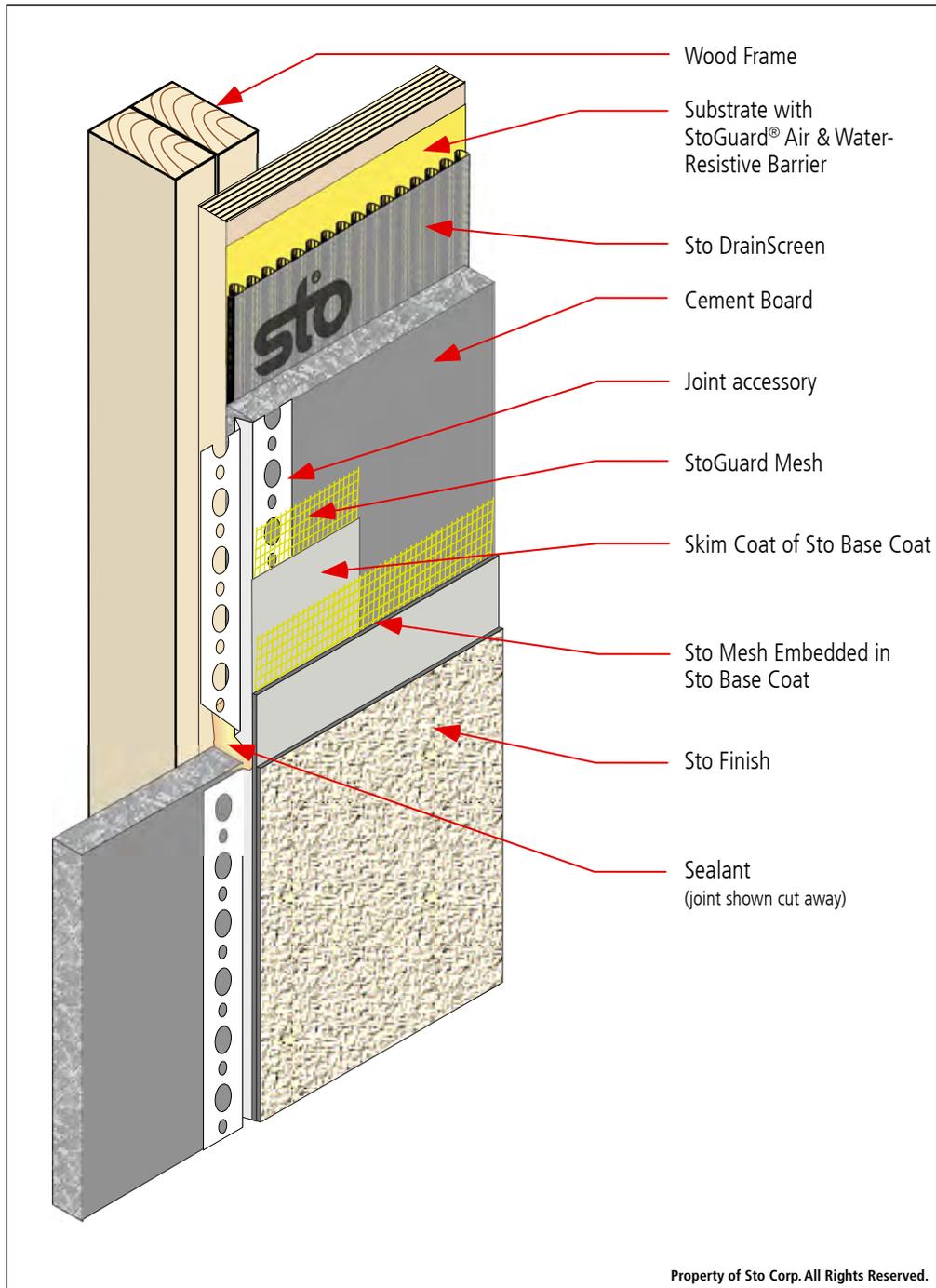


StoQuik® Silver DrainScreen®

Control Joint Accessory (Face Mount)

Detail No.: 11.03c

Date: March 2022



Notes:

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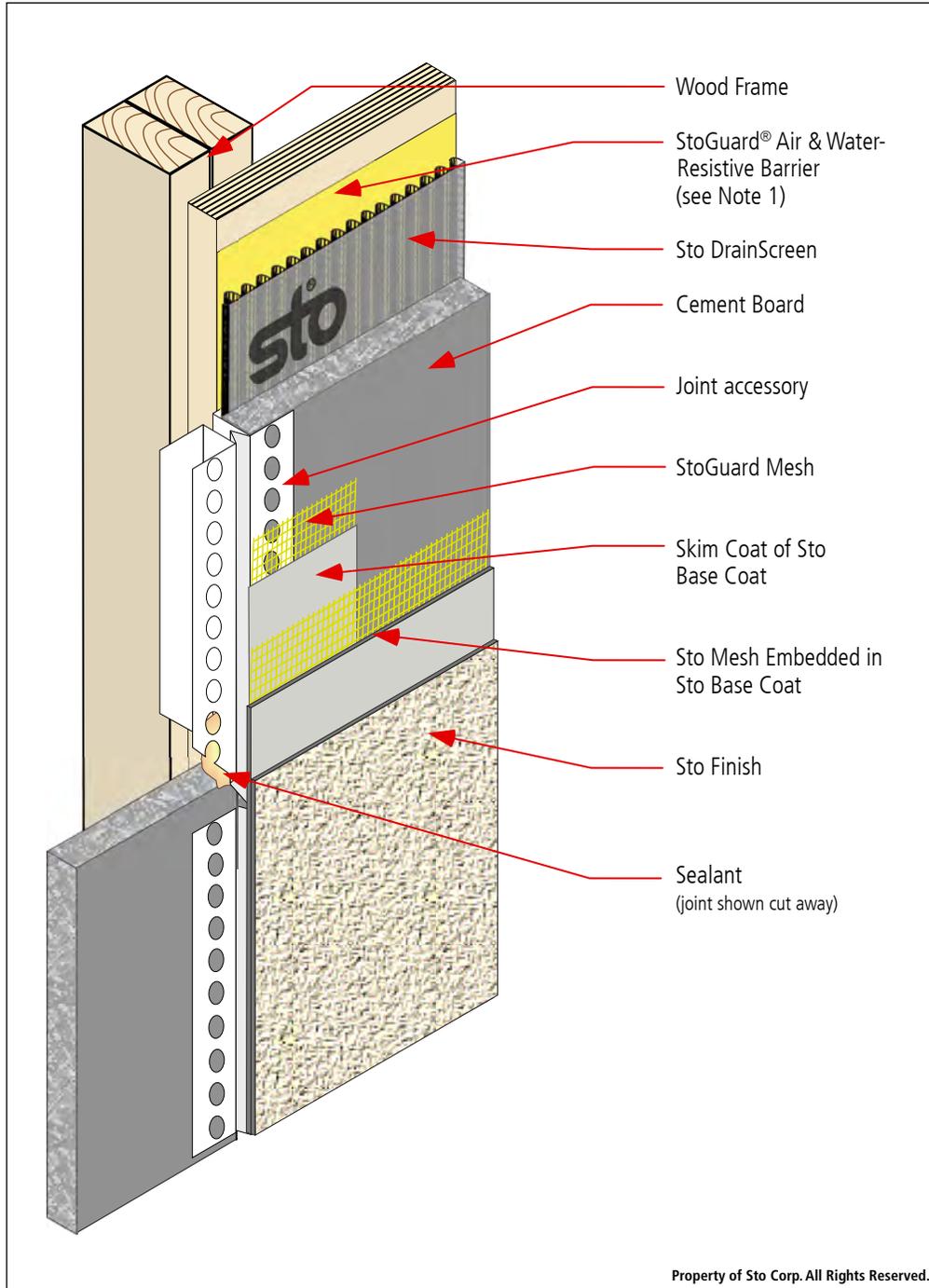


StoQuik® Silver DrainScreen®

Control Joint Accessory (Back Mount)

Detail No.: 11.03d

Date: March 2022



Notes:

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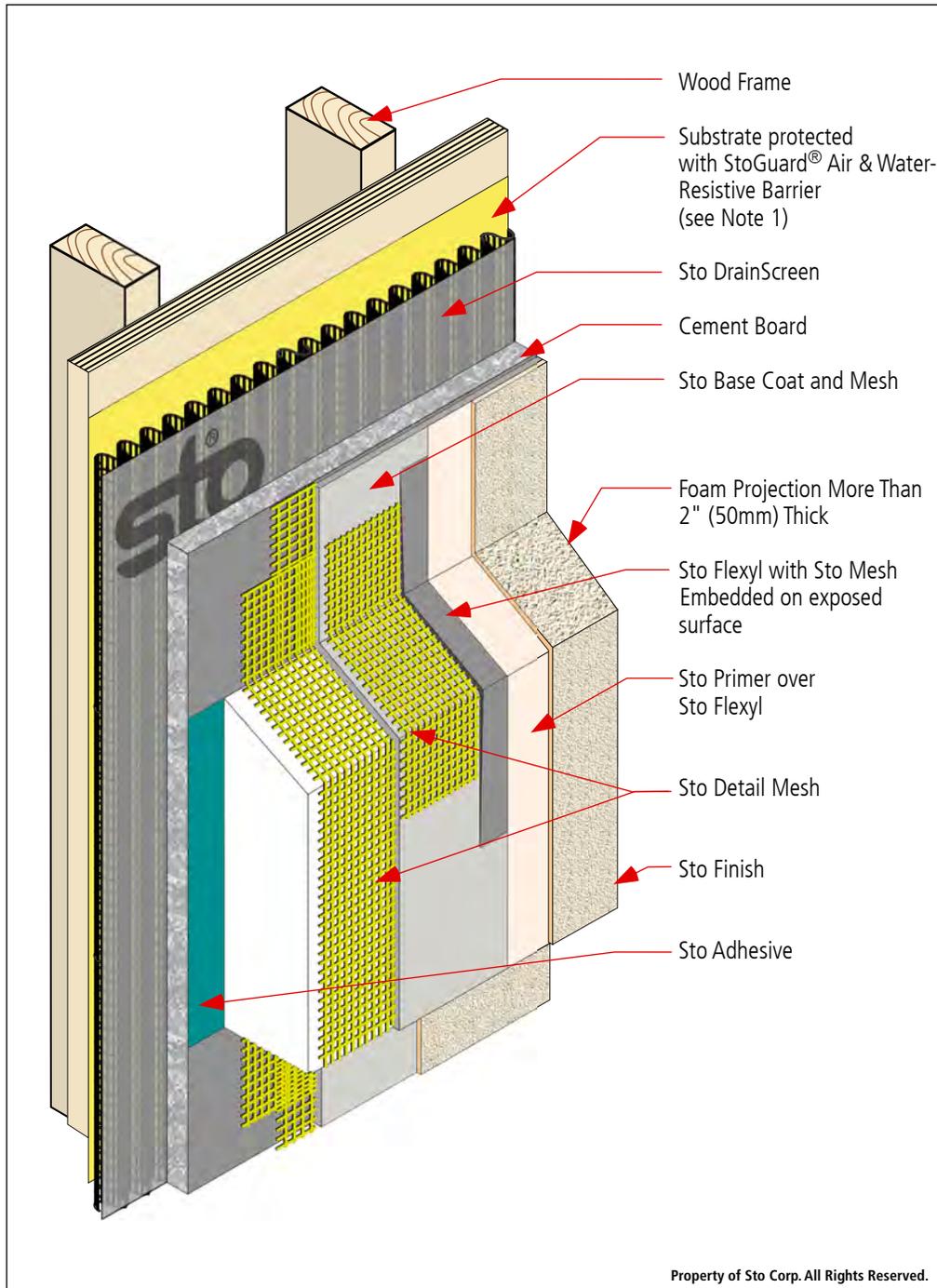


StoQuik® Silver DrainScreen®

Foam Aesthetic Band/Projection (Thick)

Detail No.: 11.04a

Date: March 2022



Notes:

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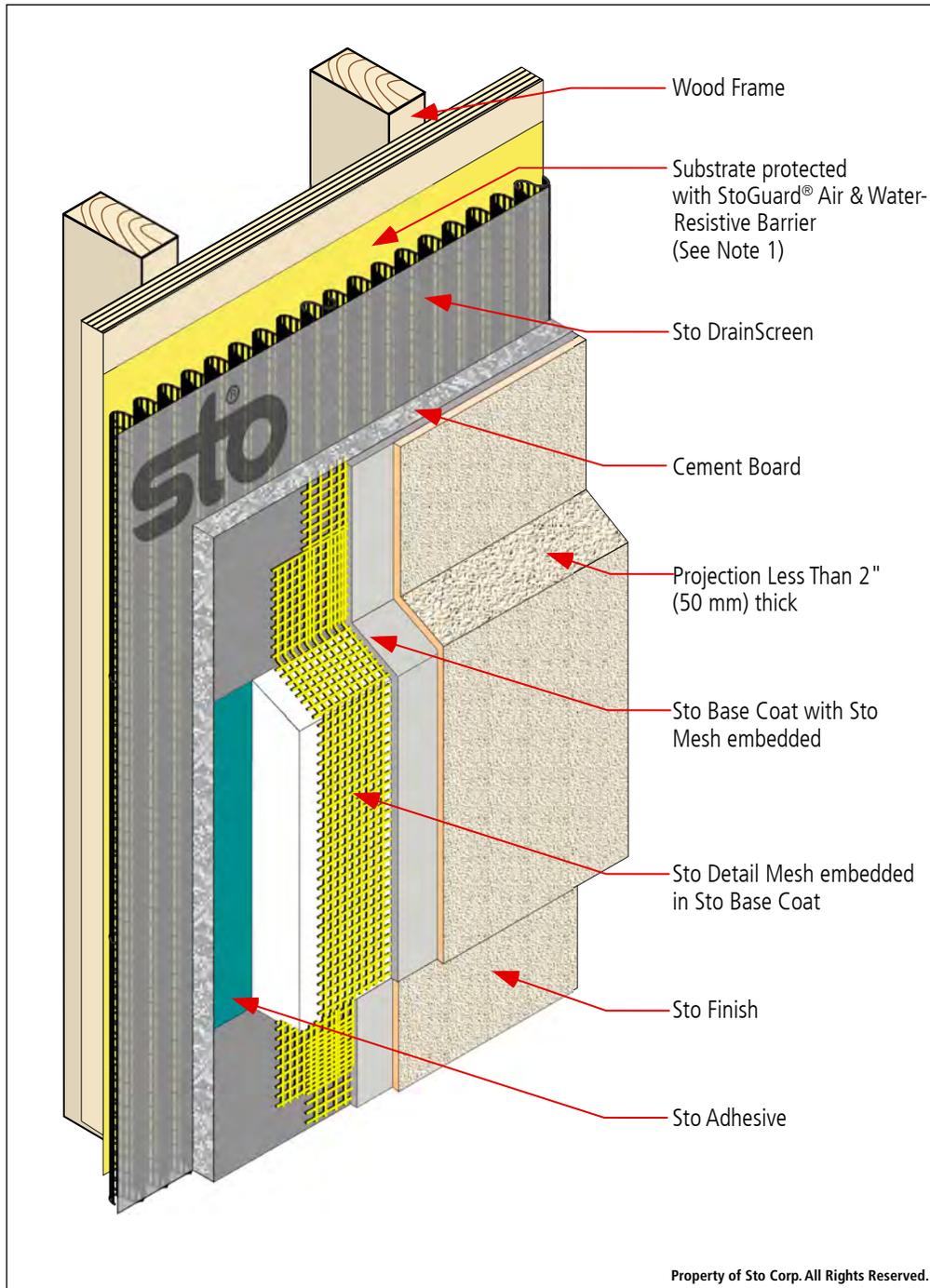


StoQuik® Silver DrainScreen®

Foam Aesthetic Band/Projection (Thin)

Detail No.: 11.04b

Date: March 2022

**Notes:**

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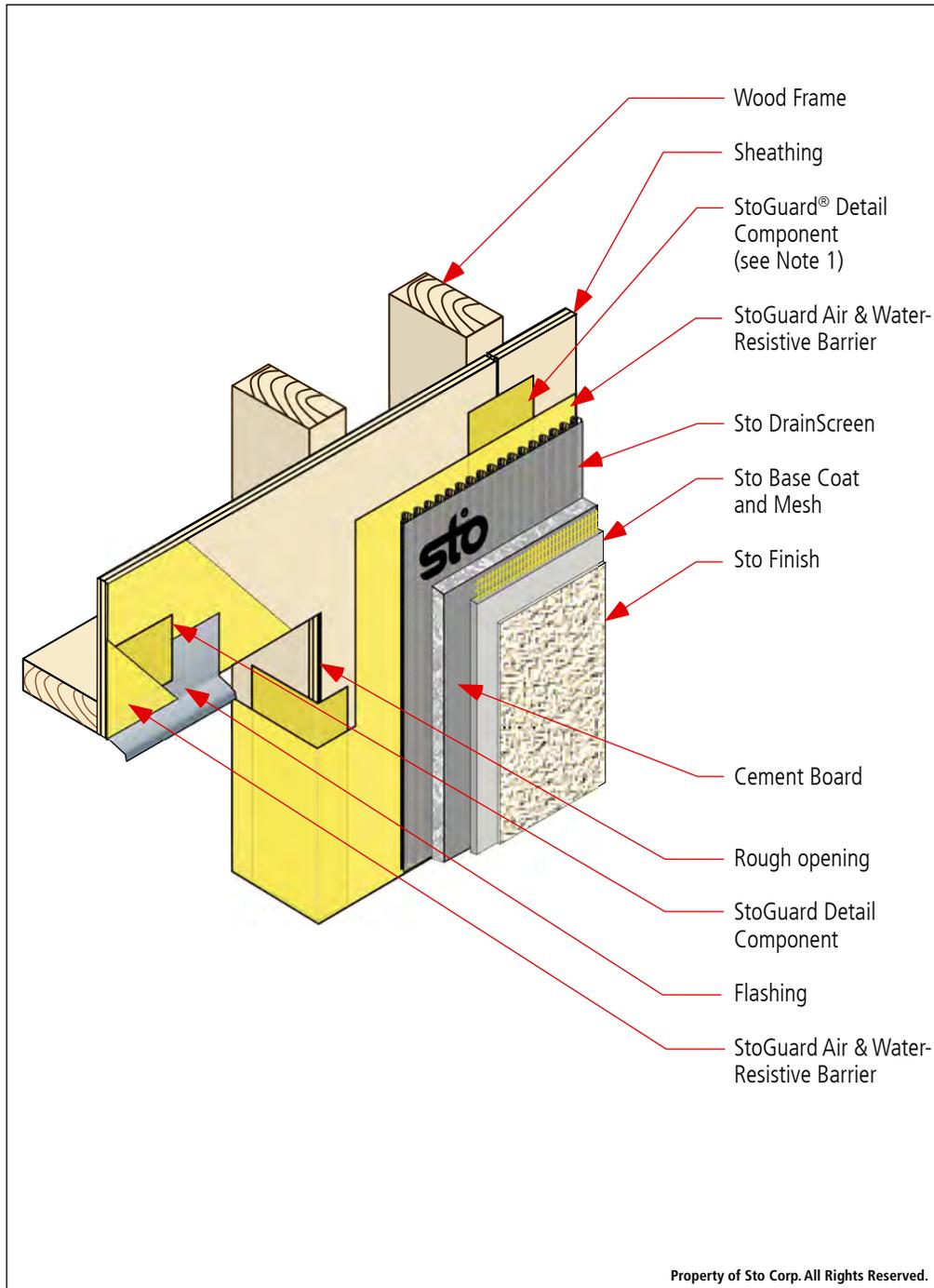


StoQuik® Silver DrainScreen®

Joint Treatment

Detail No.: 11.09

Date: March 2022



Notes:

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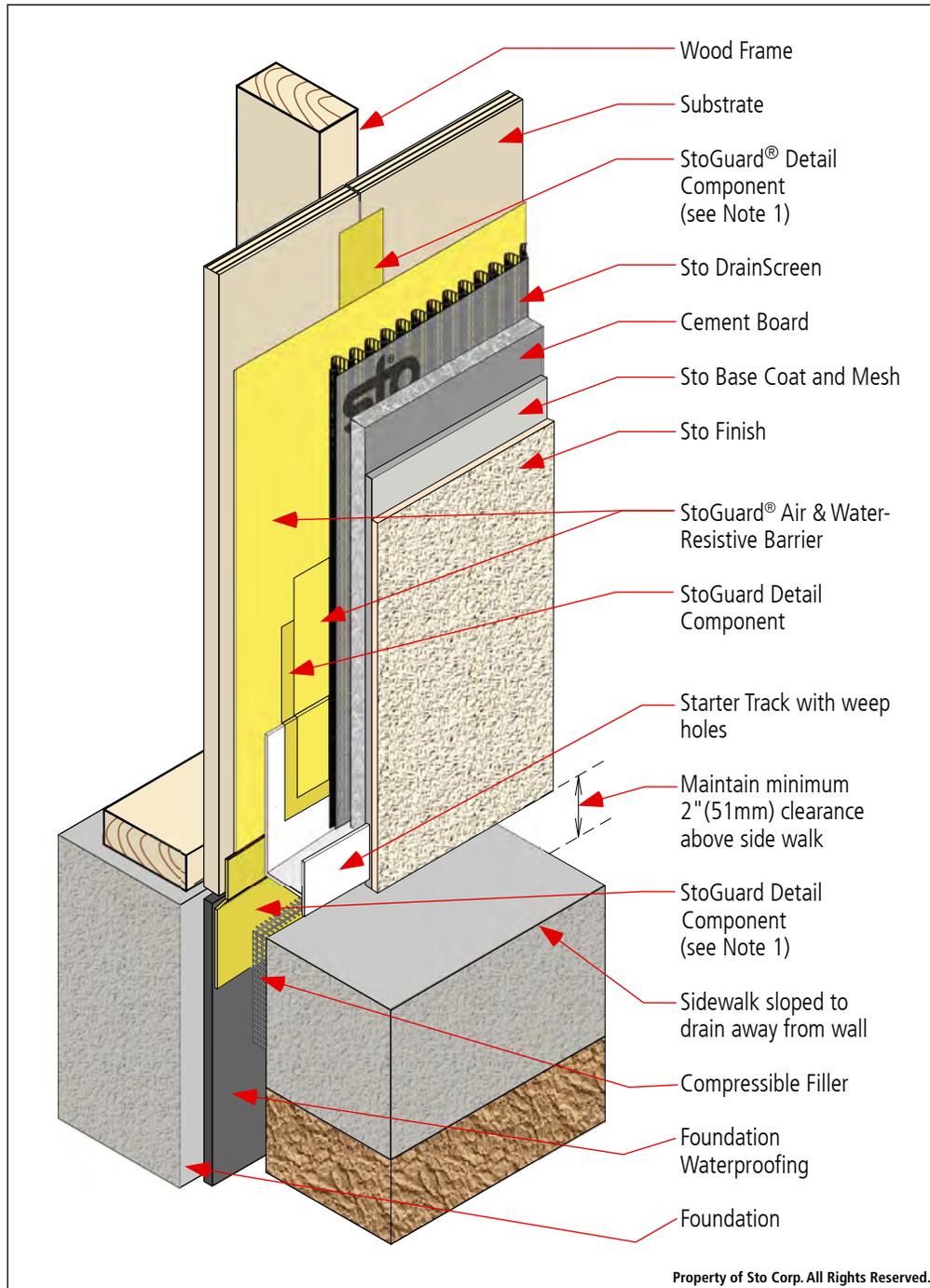


StoQuik® Silver DrainScreen®

Termination at Sidewalk over Wood Frame

Detail No.: 11.11

Date: March 2022

**Notes:**

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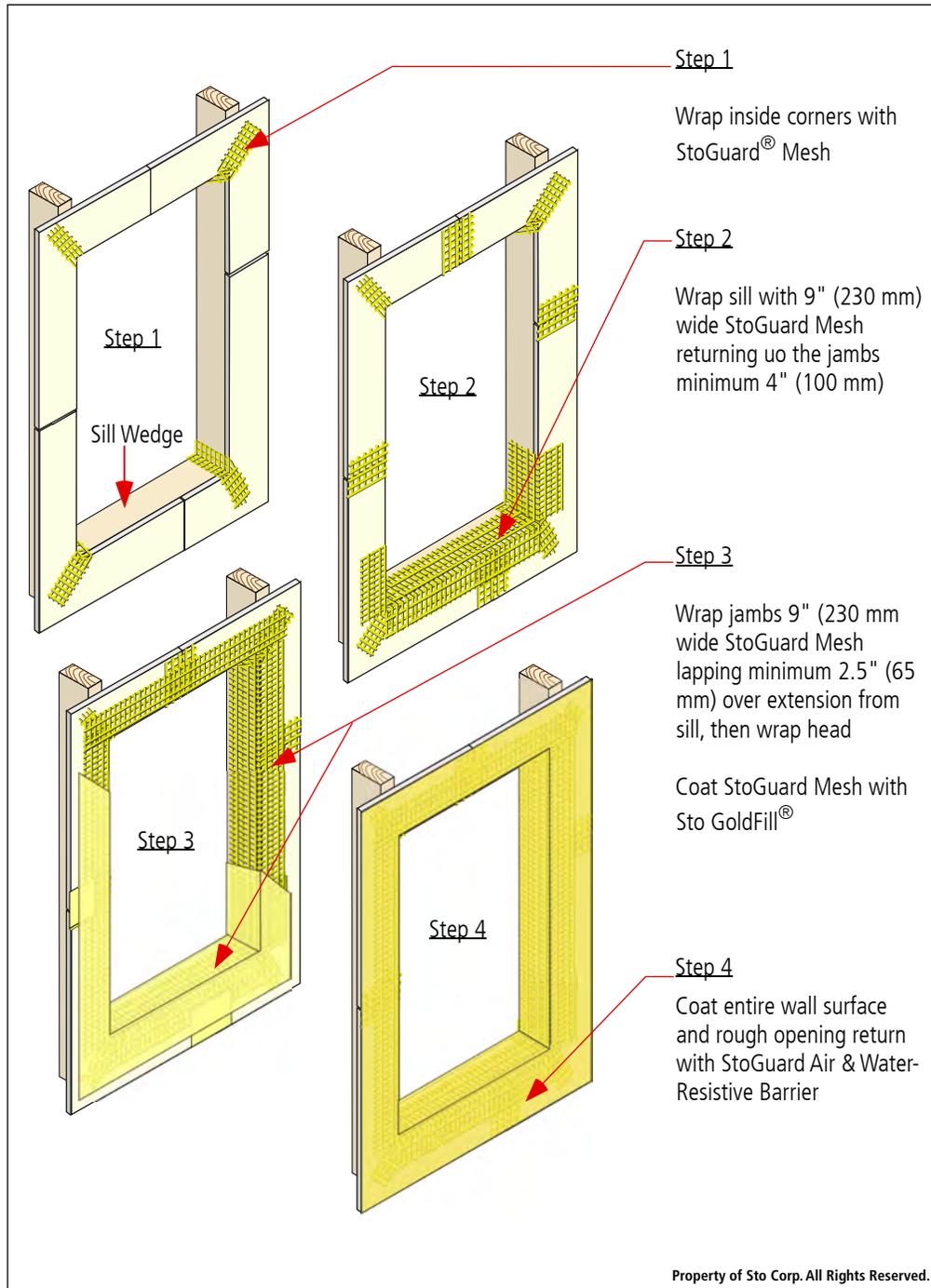
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StoQuik® Silver DrainScreen®

Rough Opening Protection with Sto Gold Fill and StoGuard® Mesh

Detail No.: 11.20a

Date: March 2022

**Notes:**

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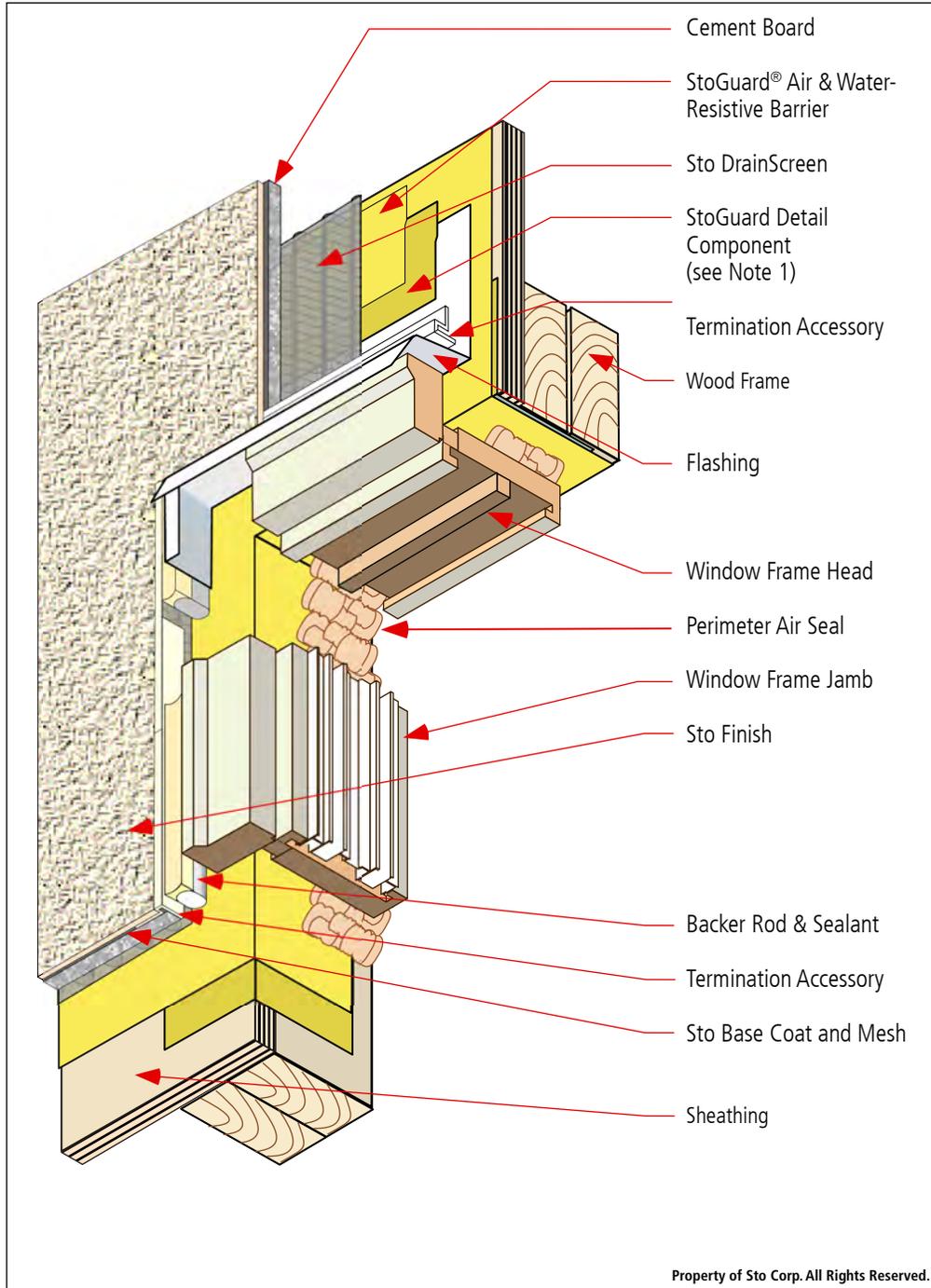


StoQuik® Silver DrainScreen®

Brick Mold Window Head

Detail No.: 11.20b

Date: March 2022



Notes:

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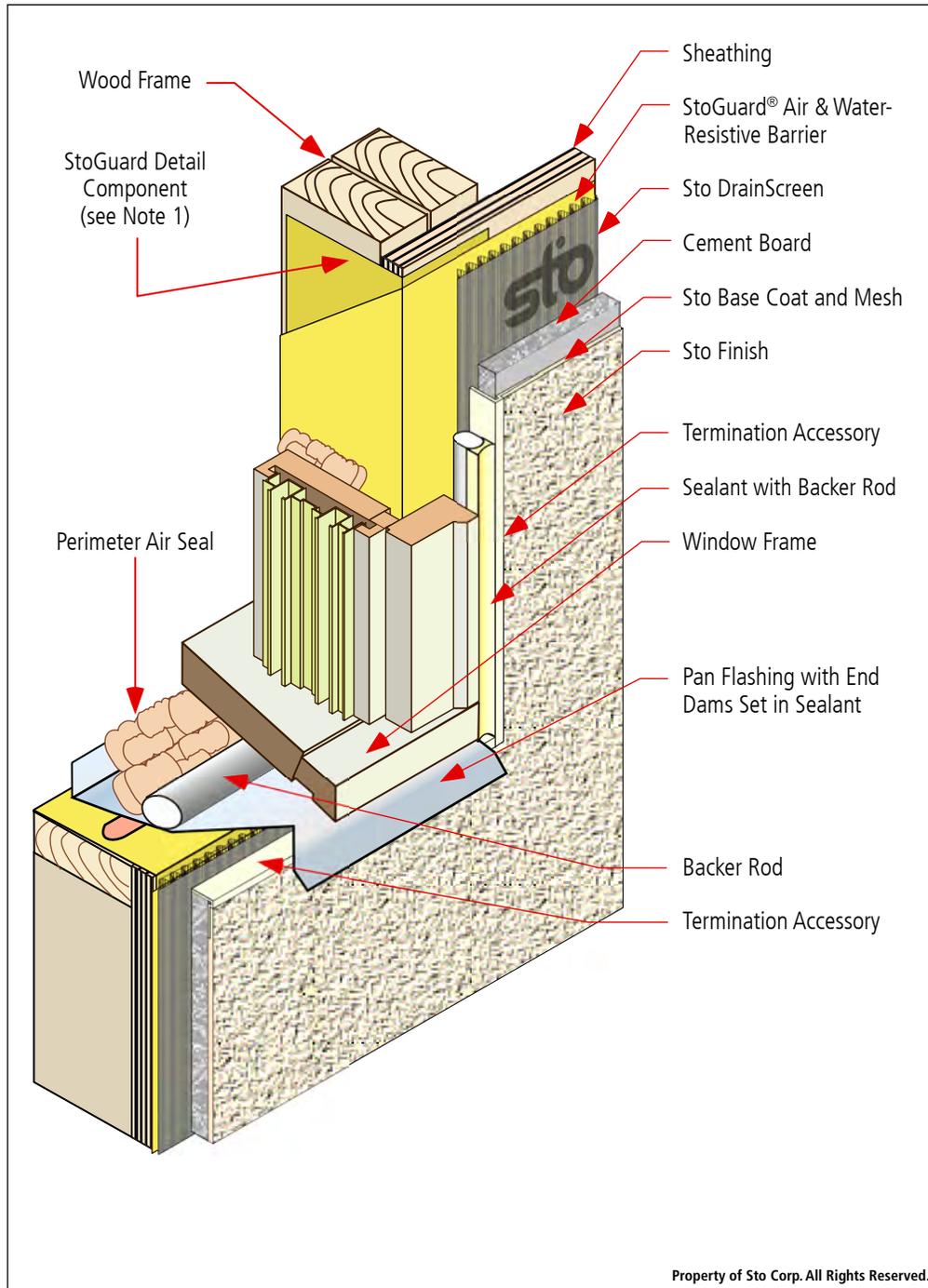
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StoQuik® Silver DrainScreen®

Brick Mold Window Sill/Jamb



Notes:

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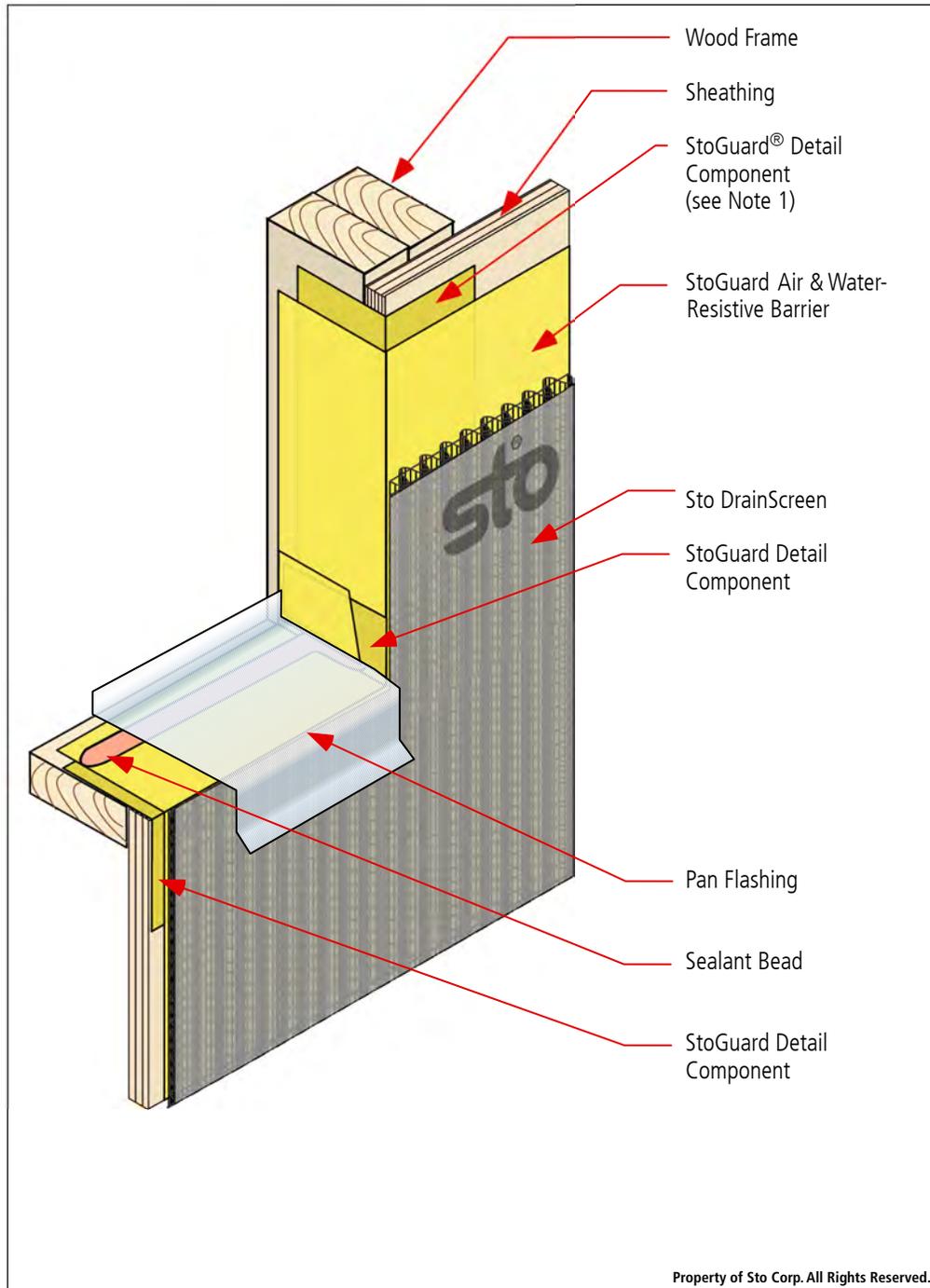


StoQuik® Silver DrainScreen®

Pan Flashing at Opening Sill

Detail No.: 11.21a

Date: March 2022

**Notes:**

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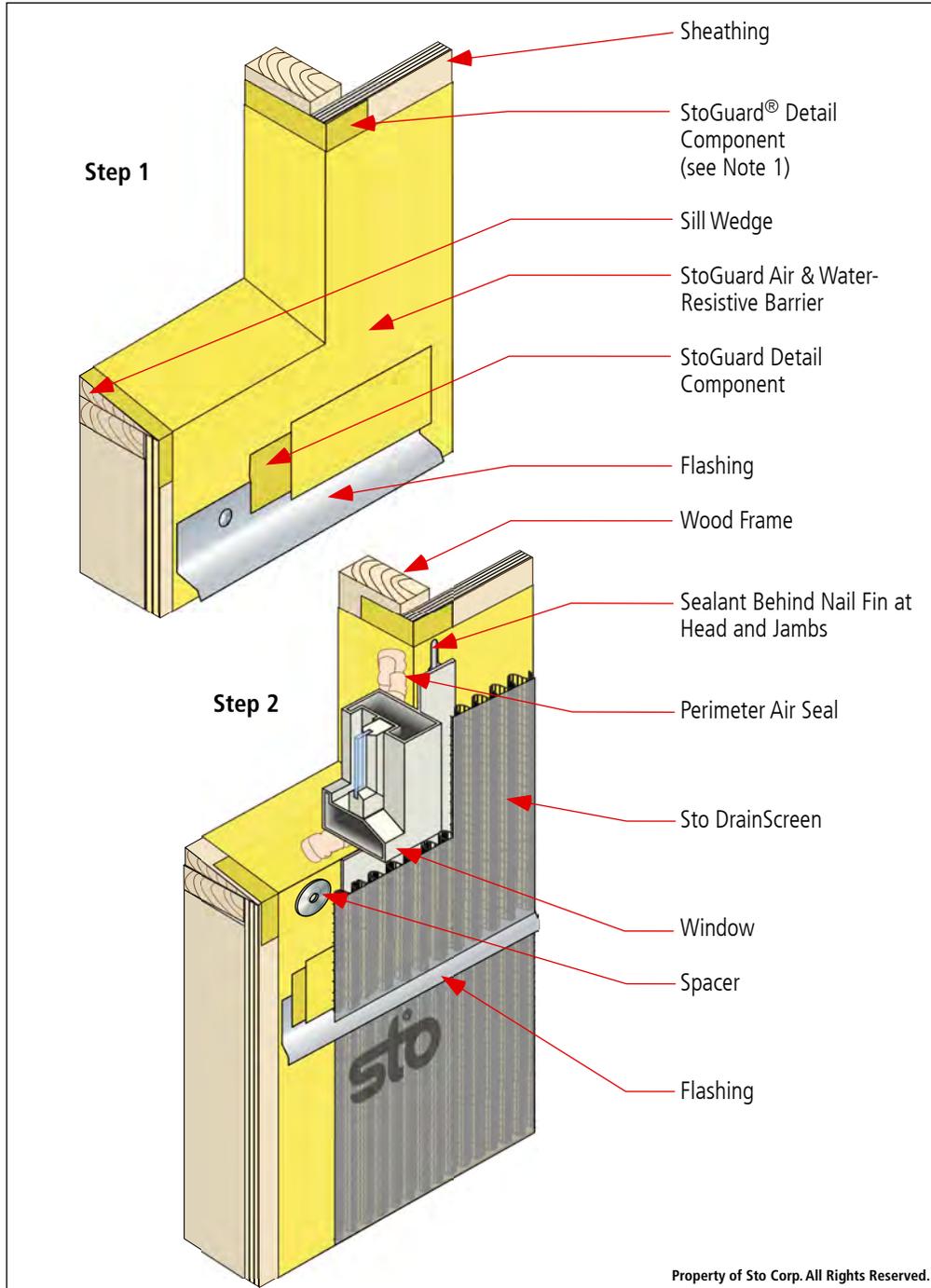


StoQuik® Silver DrainScreen®

Sill Flashing: Nail-fin Window

Detail No.: 11.21b

Date: March 2022



Notes:

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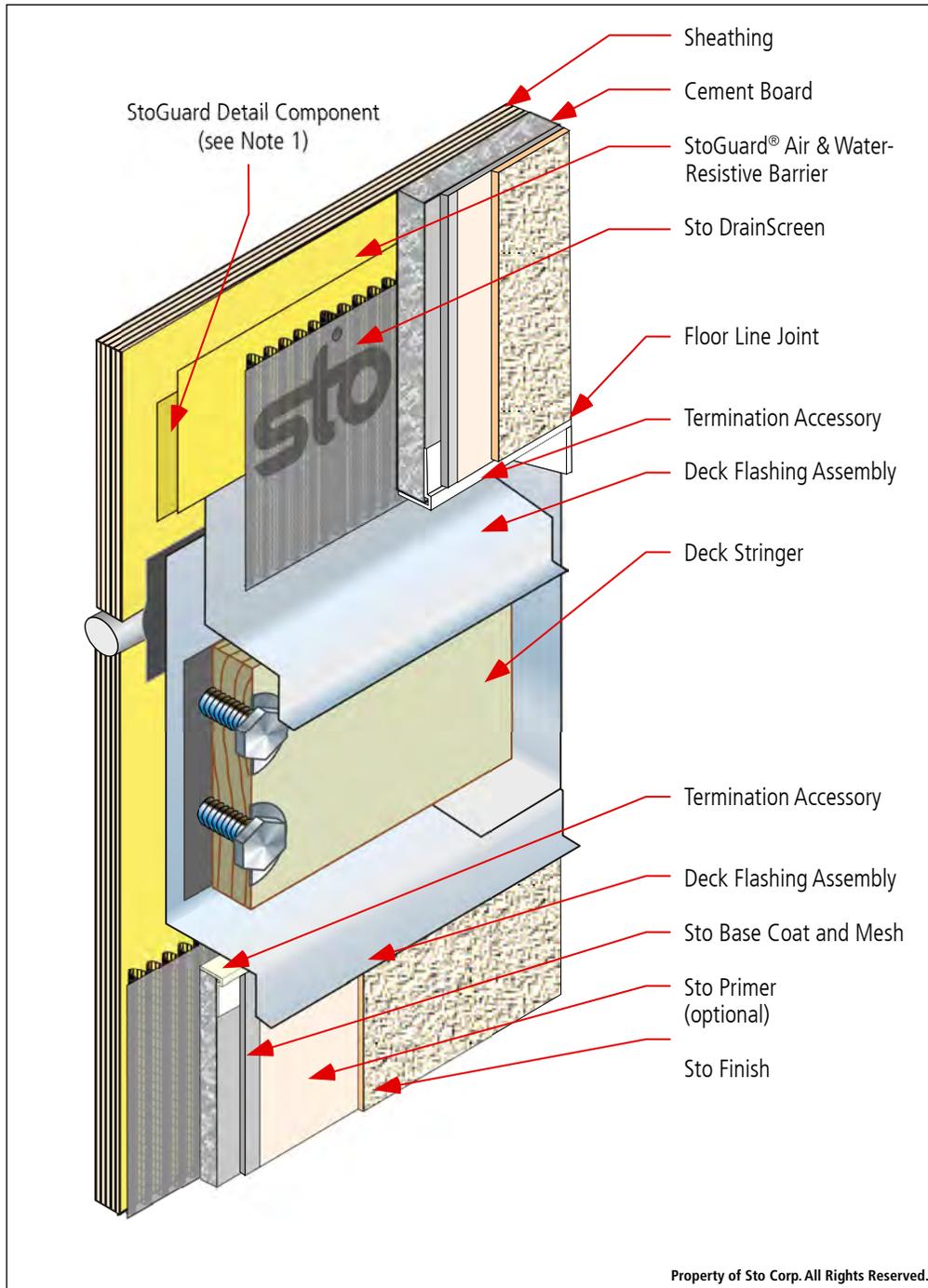


StoQuik® Silver DrainScreen®

Deck Flashing

Detail No.: 11.32

Date: March 2022

**Notes:**

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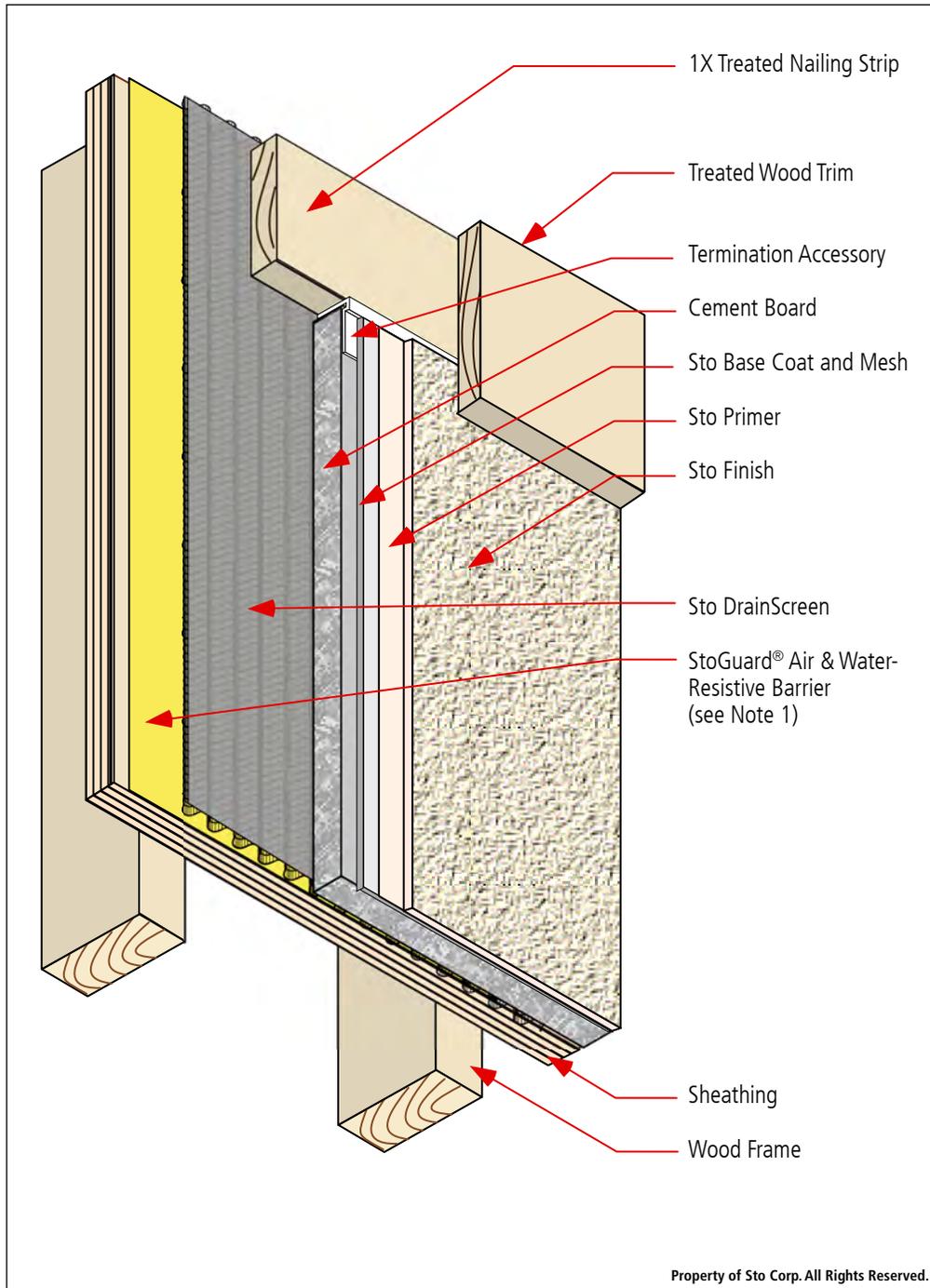
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StoQuik® Silver DrainScreen®

Termination at Soffit

Detail No.: 11.40

Date: March 2022

**Notes:**

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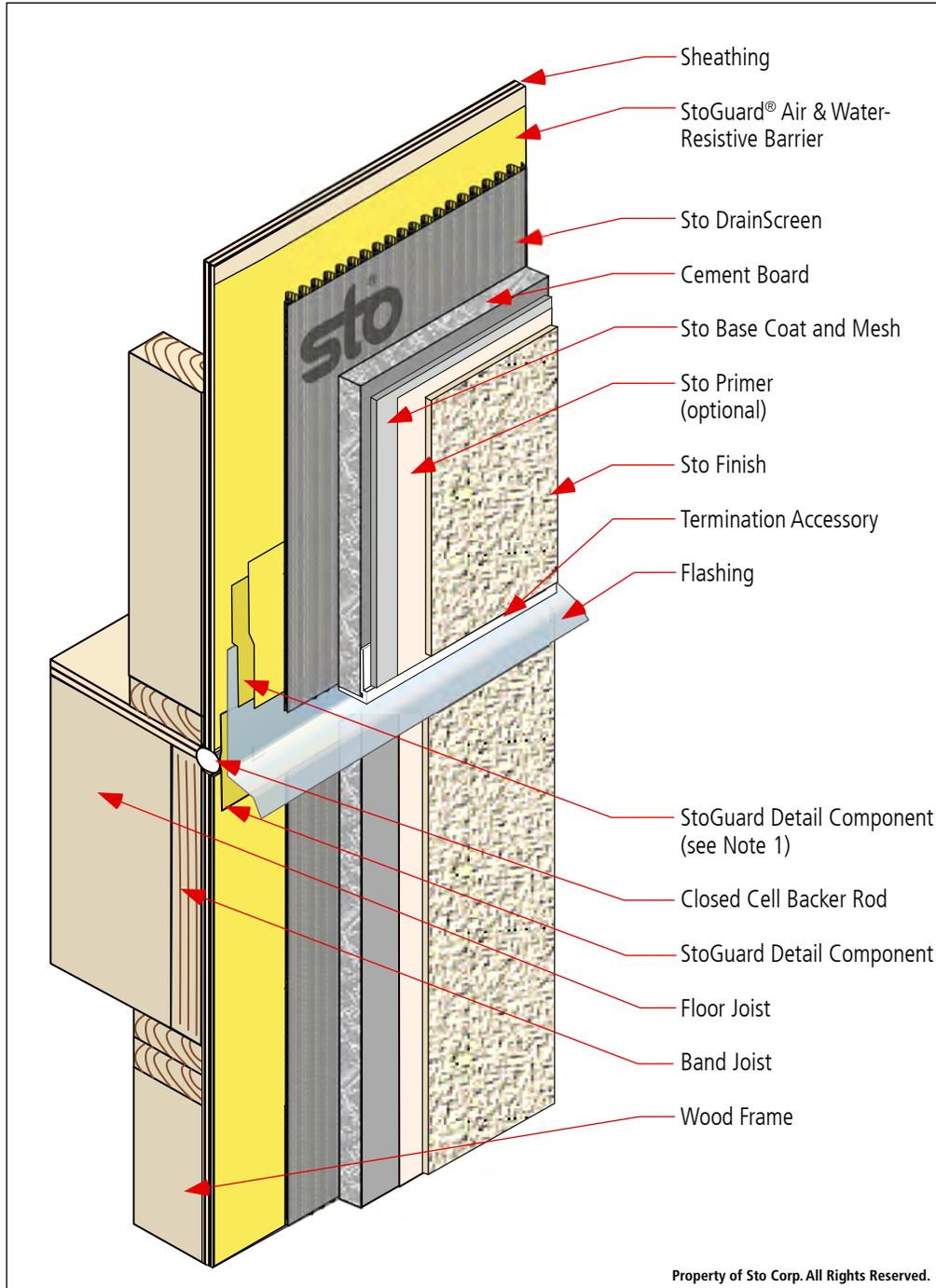


StoQuik® Silver DrainScreen®

Floor Line Expansion Joint

Detail No.: 11.50

Date: March 2022



Notes:

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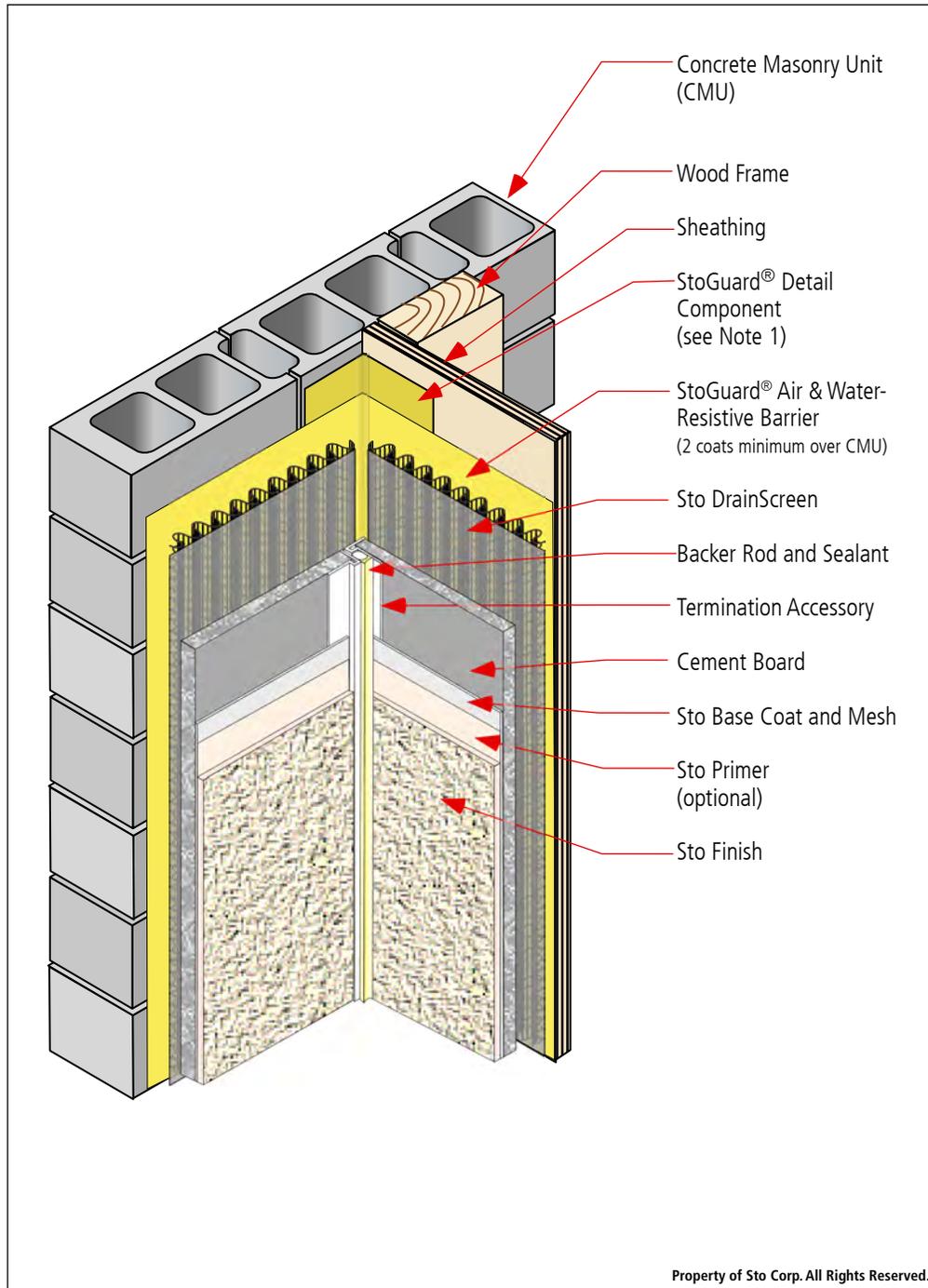


StoQuik® Silver DrainScreen®

Joint at Inside Corner: Different Substrates

Detail No.: 11.53a

Date: March 2022

**Notes:**

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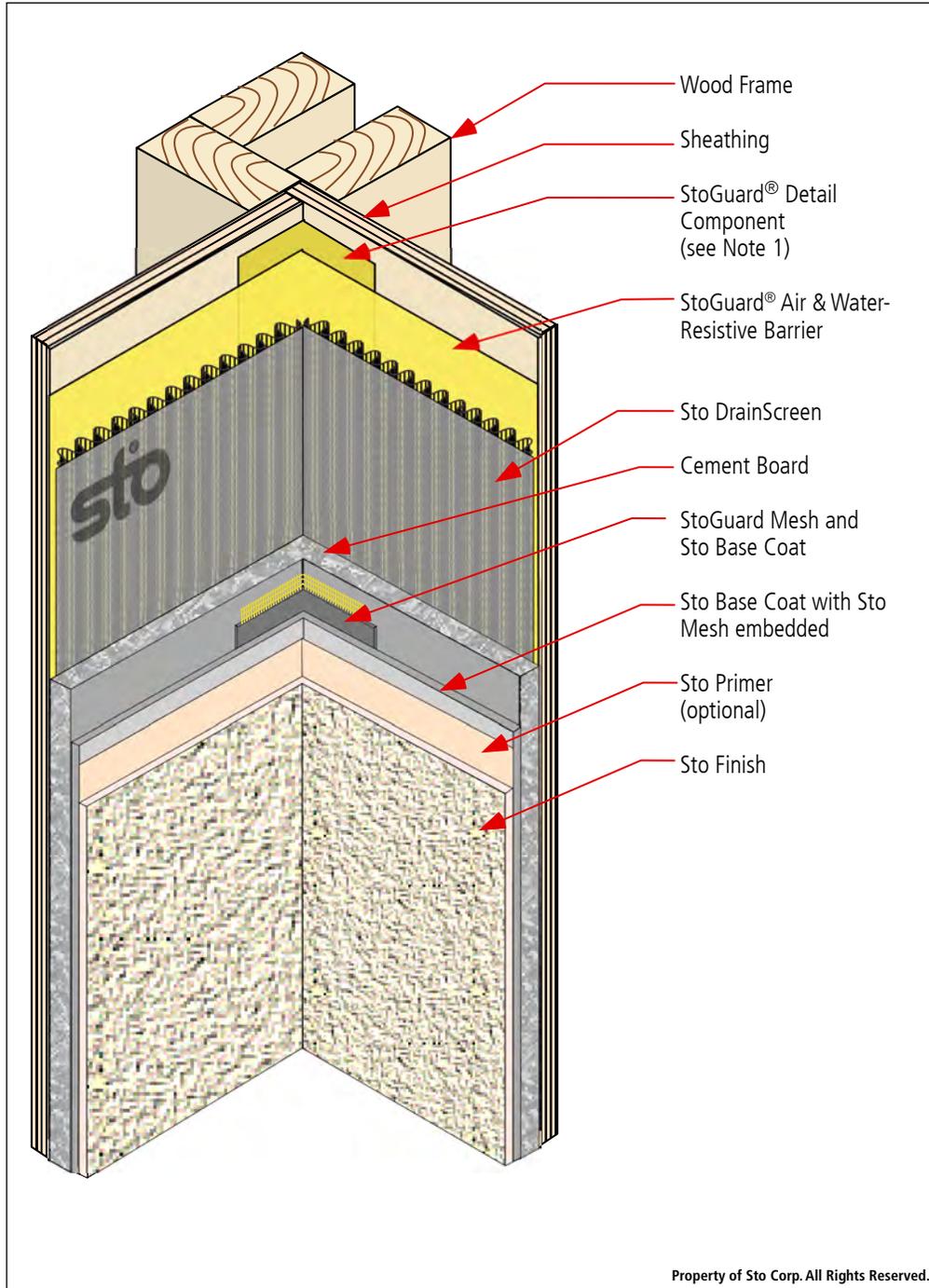
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StoQuik® Silver DrainScreen®

Inside Corner: Common Substrate

Detail No.: 11.53b

Date: March 2022



Notes:

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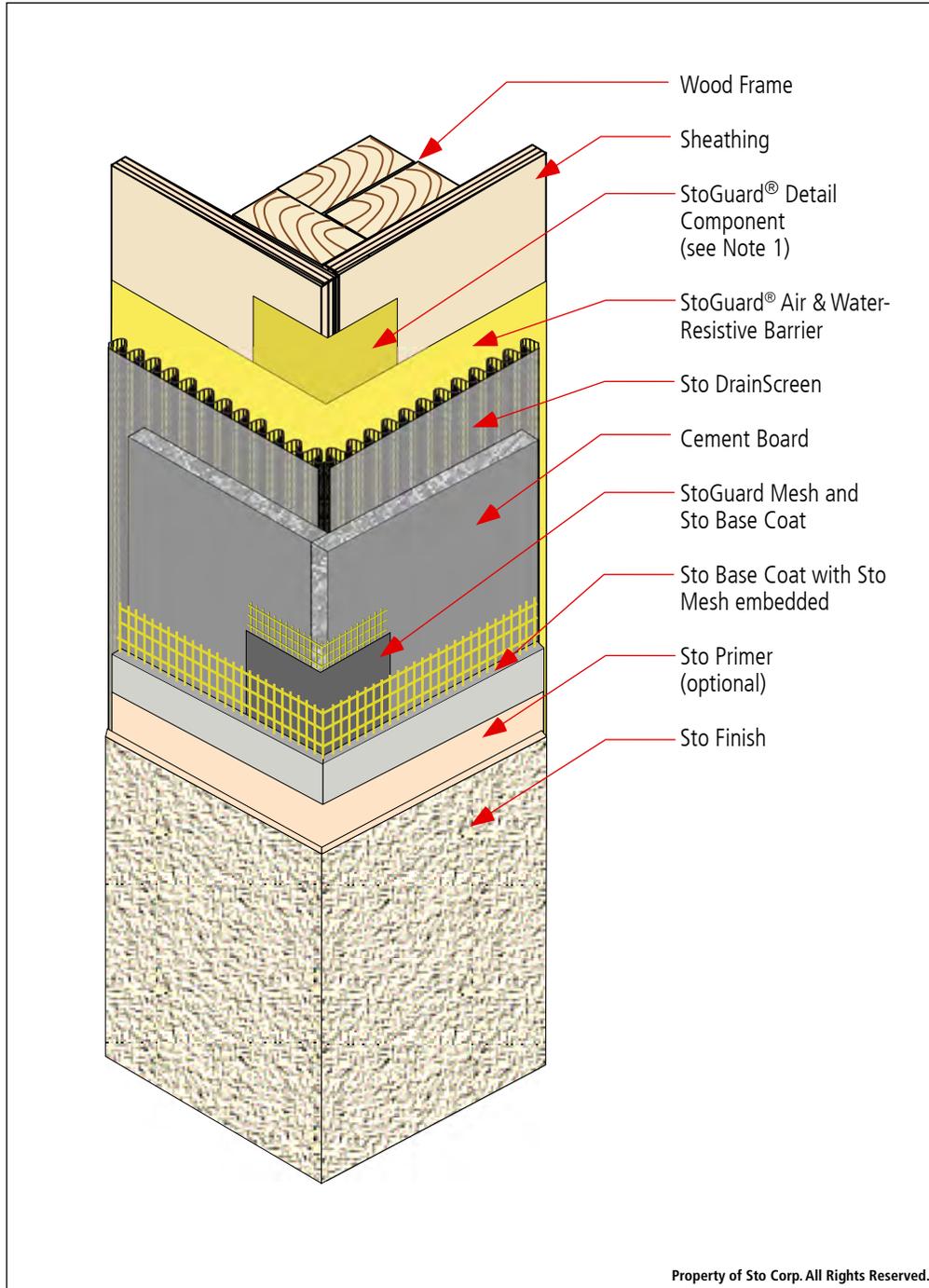


StoQuik® Silver DrainScreen®

Outside Corner

Detail No.: 11.54

Date: March 2022



Notes:

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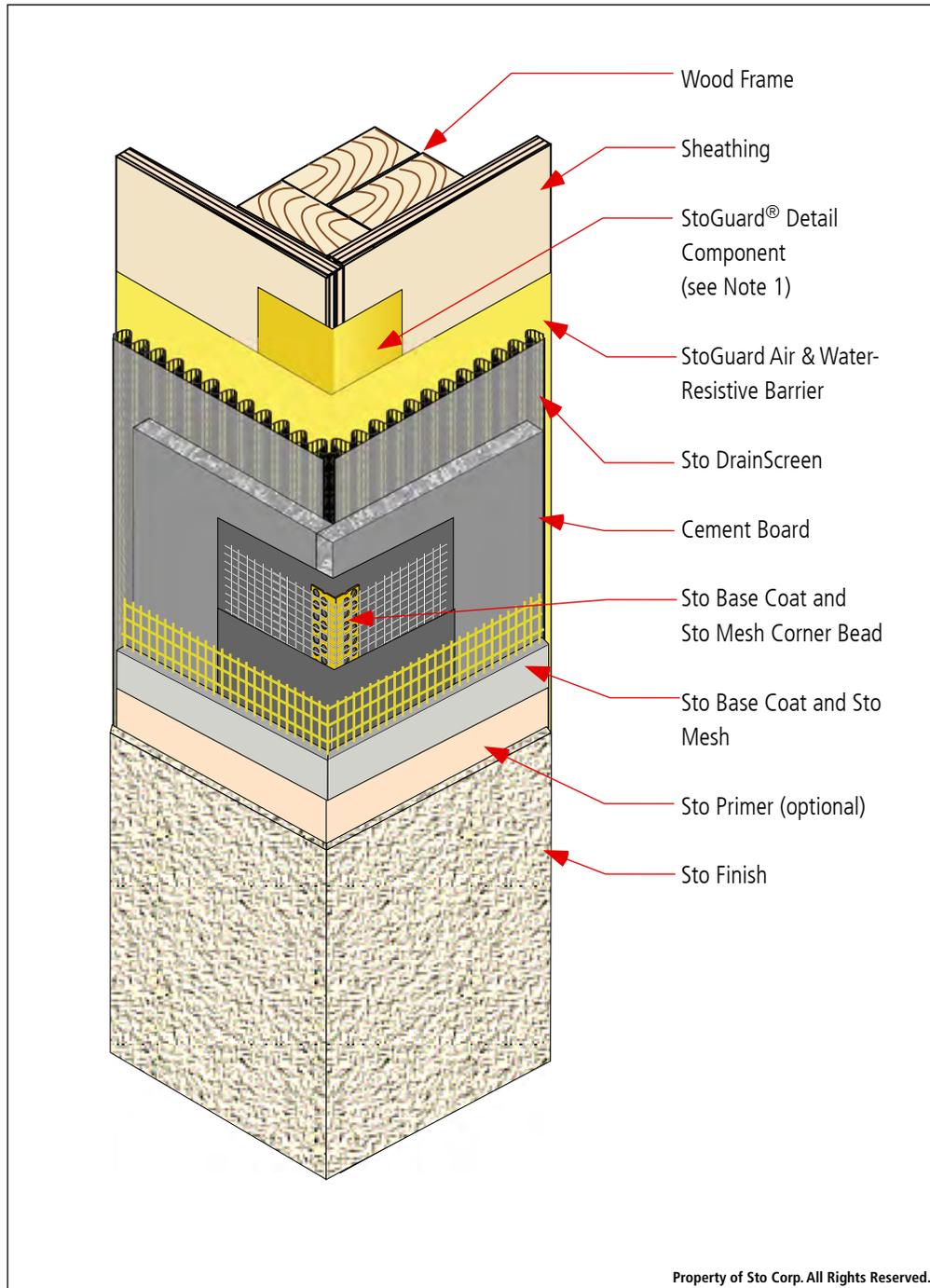
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StoQuik® Silver DrainScreen®

Outside Corner with Sto Mesh Corner Bead

Date: March 2022

**Notes:**

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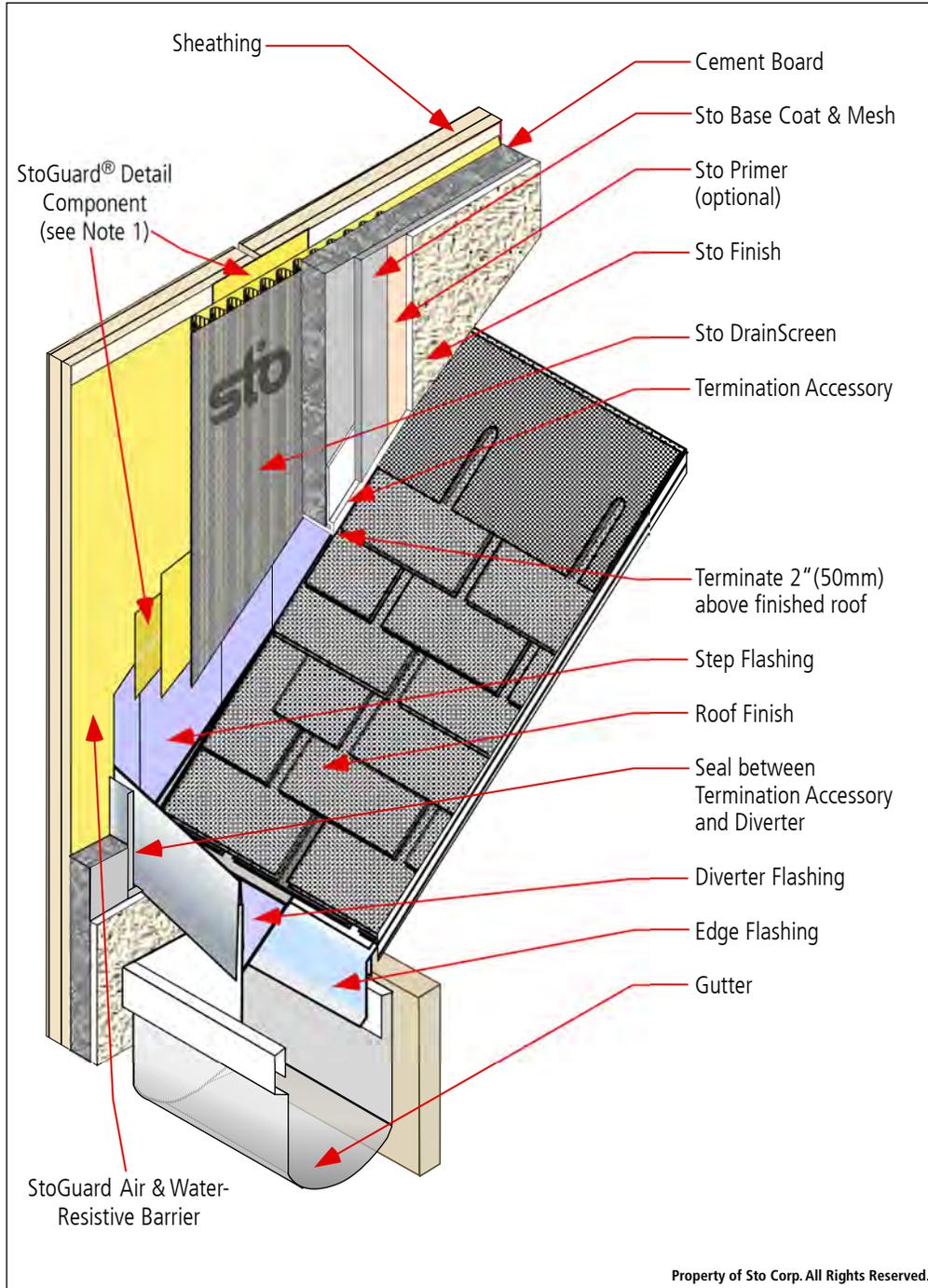


StoQuik® Silver DrainScreen®

Roof/Wall Diverter Flashing

Detail No.: 11.62

Date: March 2022



Notes:

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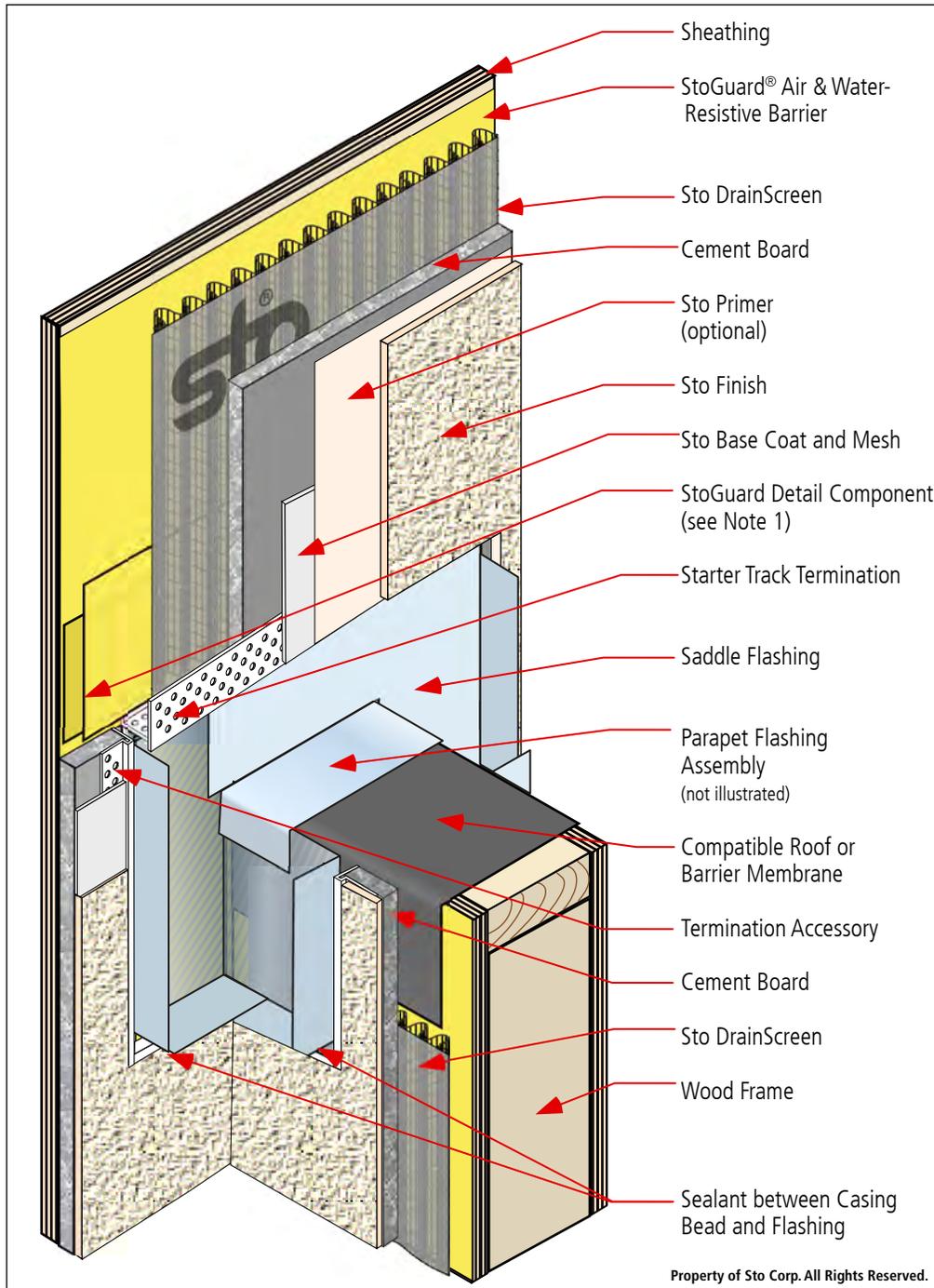


StoQuik® Silver DrainScreen®

Saddle Flashing

Detail No.: 11.65

Date: March 2022



Notes:

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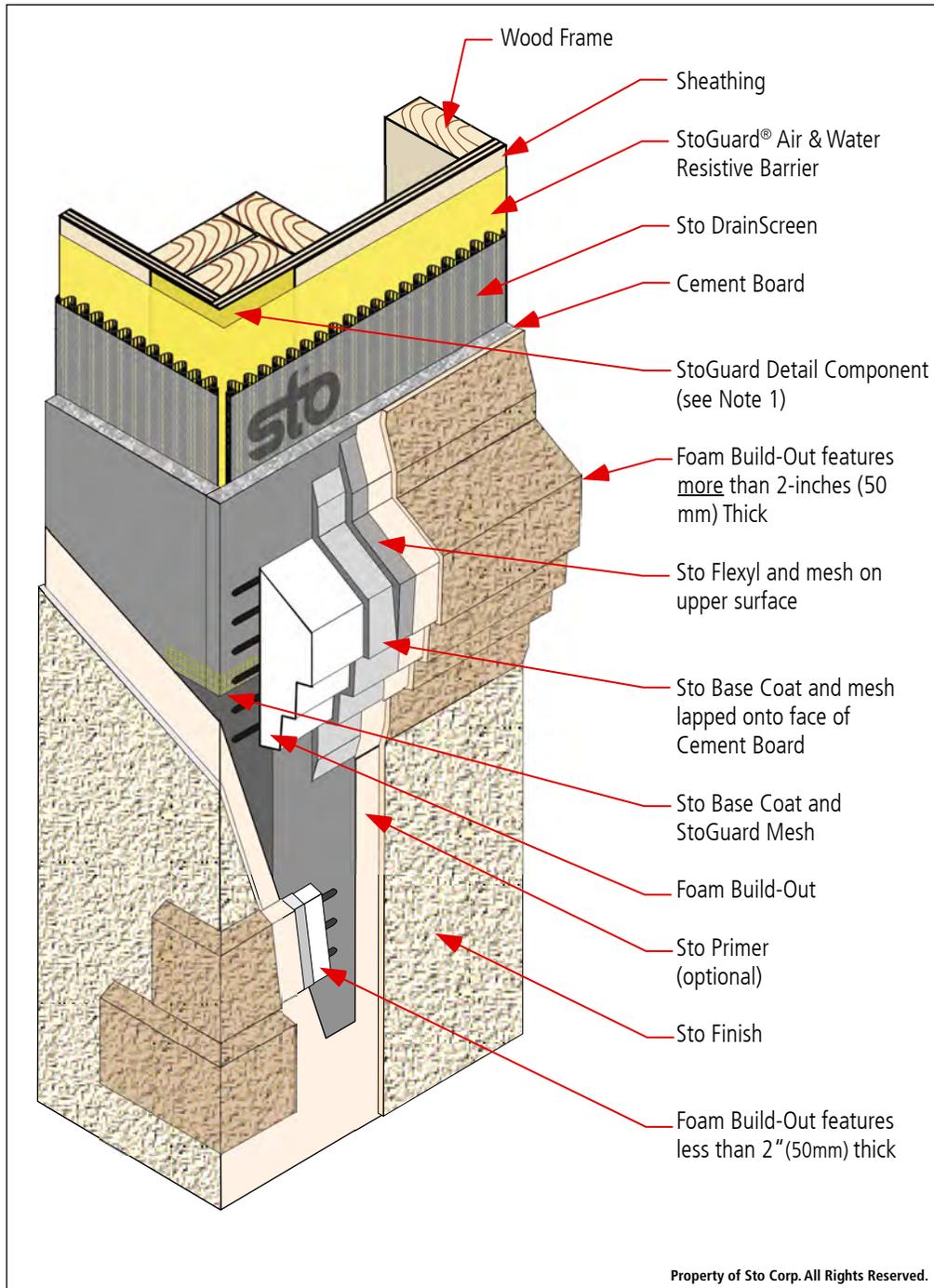


StoQuik® Silver DrainScreen®

Foam Build-Outs

Detail No.: 11.70

Date: March 2022



Notes:

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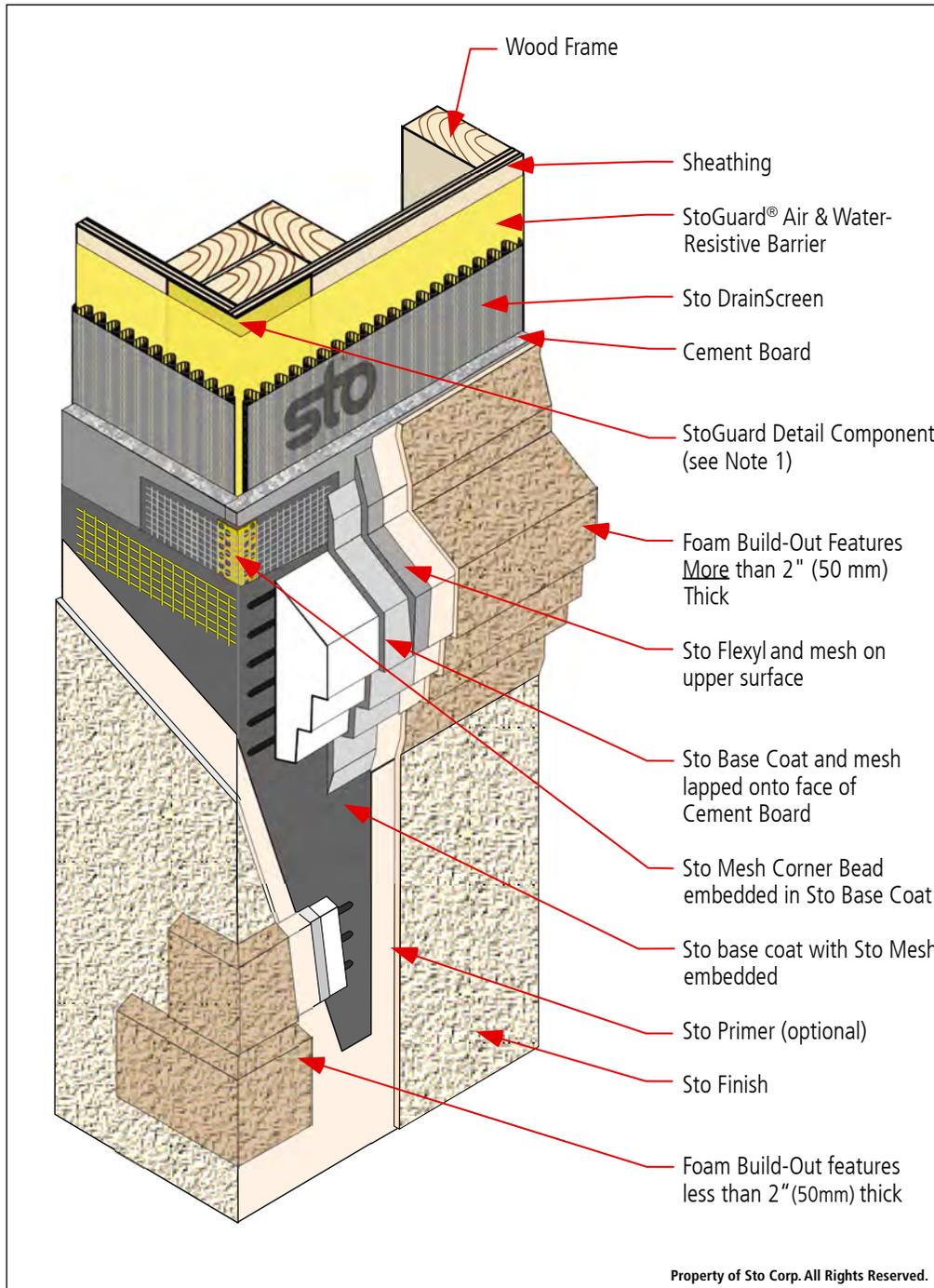


StoQuik® Silver DrainScreen®

Foam Build-Outs with Sto Mesh Corner Bead

Detail No.: 11.70a

Date: March 2022



Notes:

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