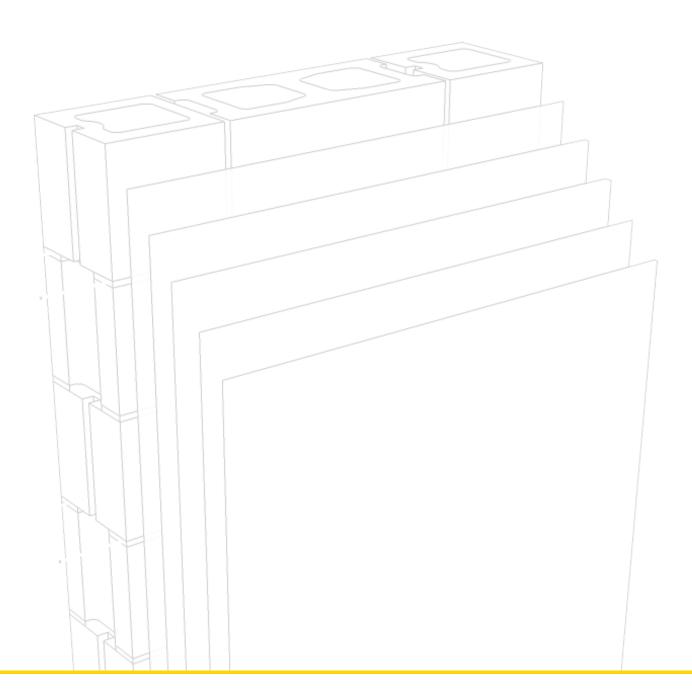
StoPowerwall® ExtraSeal™



Series 65c.xx Masonry Construction October 2017



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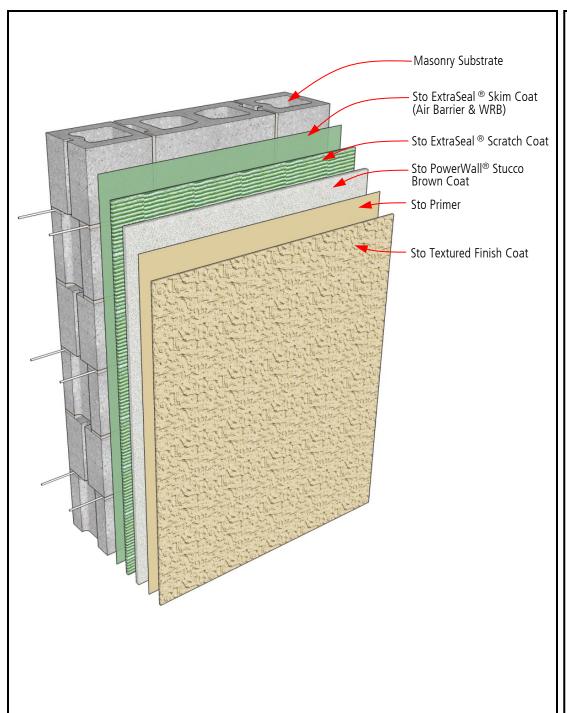






StoPowerwall® ExtraSeal™ Air Barrier & WRB on CMU Backup Assembly Components

Detail No.: 65c.00 Date: April 2016



Notes:

Sto Components:

- Sto ExtraSeal® Skim Coat (Air Barrier & WRB)
- Sto ExtraSeal® Scratch Coat
- Sto PowerWall® Stucco Brown Coat
- Sto Primer
- Sto Textured Finish Coat
- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to applicable Sto guide specifications, product bulletins, Tech Hotlines, and other Sto guide details for additional information.

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StoPowerwall® ExtraSeal™ with Sto Crack Defense System System Components

Masonry Substrate Sto ExtraSeal® Skim Coat (Air & Moisture Barrier) Sto ExtraSeal® Scratch Coat StoPowerwall™ Brown Coat Sto Crack Defense System: Sto Base Coat with Sto Mesh embedded Sto Primer (optional) Sto Textured Finish Property of Sto Corp. All Rights Reserved.

Notes:

- 1. Sto Components:
- Sto ExtraSeal® Skim Coat (Air Barrier & WRB)

Detail No.: 65c.00A

Date: April 2016

- Sto ExtraSeal®Scratch Coat
- StoPowerwall®Stucco Brown
- Sto Armor Guard: Sto Base Coat with Sto Mesh embedded.
- Sto Primer
- Sto Textured Finish Coat
- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
- 3. Refer to applicable Sto guide specifications, product bulletins, Tech Hotlines, and other Sto guide details for additional information.

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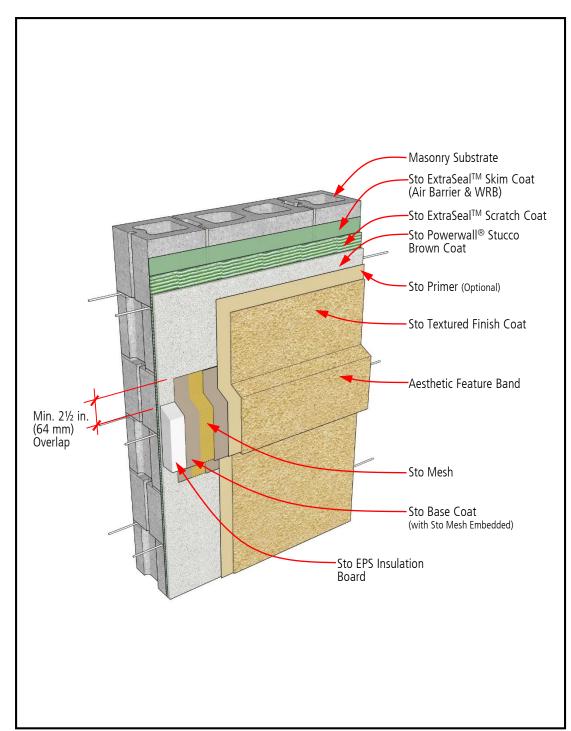
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StoPowerwall® ExtraSeal™ Air Barrier & WRB on CMU Backup Aesthetic Feature Band

Detail No.: 65c.00B Date: October 2017



Notes:

- Feature band attached with Sto TurboStick Adhesive or Sto BaseCoat/Adhesive.
- Slope top surface of feature band minimum 27 degrees. Increase slope for northern climates to prevent snow and ice accumulations.
- Limit thickness of build-out to reduce maintenance associated with projecting architectural features.
- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
- 5. Refer to applicable Sto guide specifications, product bulletins, Tech Hotlines, and other Sto guide details for additional information.

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StoPowerwall® ExtraSeal™ Air Barrier & WRB on CMU Backup Termination at Grade

Detail No.: 65c.01 Date: April 2016

Sto PowerWall® Stucco Brown Coat: Apply in Accordance w/ ASTM C926 Applied After Sto ExtraSeal® has Been in Place Minimum 24 Sto Primer Hours. Limit Total Thickness, Including Sto ExtraSeal® and Stucco Brown Coat to 5/8" (16mm) Max. Sto Textured Sto ExtraSeal ® Scratch Coat: Apply Nominal 3/8" (9mm) Coat of Sto ExtraSeal ® and Scratch Finish Coat Horizontally as Soon as Skim Coat is Dry Sto ExtraSeal ® Skim Coat: Nominal 1/8" (3mm) Thick Depending on Surface Conditions to Produce a Void and Pinhole Free Surface Masonry Substrate Perforated Weep Screed Top of Grade Min. 4" StoGuard® Transition (102 mm) Below Nosing Membrane embedded of Weep Screed in Sto ExtraSeal @

Notes:

- 1. Terminate weep screed with nosing minimum 1 inch (25 mm) below concrete floor line. Terminate stucco minimum 4 inches (102 mm) above grade, minimum 2 inches (51 mm) above paved surfaces (sidewalks, pavers, etc.).
- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
- 3. Refer to applicable Sto guide specifications, product bulletins, Tech Hotlines, and other Sto guide details for additional information.

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StoPowerwall® ExtraSeal™ Air Barrier & WRB on CMU Backup Floor Line

Detail No.: 65c.21 Date: April 2016

Sto PowerWall® Stucco Brown Coat: Apply in Accordance w/ ASTM C926 Applied After Sto ExtraSeal® has Been in Place Sto Primer Minimum 24 Hours. Limit Total Thickness, Including Sto ExtraSeal® and Stucco Brown Coat to 5/8" (16mm) Max. Sto Textured Finish Coat Masonry Substrate Control Joint Struct, Floor Line Back-to-Back Casing Beads Horizontal Movement Joint at Underside of Structure Sealant & Backer Rod ·StoGuard® Transition Membrane Sto ExtraSeal ® Scratch Coat: Apply Nominal 3/8" (9mm) Coat of Sto ExtraSeal ® and Scratch Horizontally as Soon as Skim Coat is Dry Sto ExtraSeal ® Skim Coat: Nominal 1/8" (3mm) Thick Depending on Surface Conditions to Produce a Void and Pinhole Free Surface

Notes:

- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
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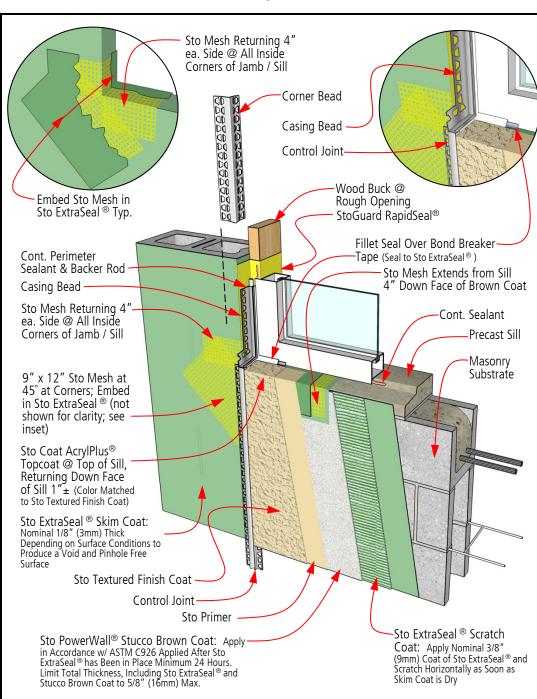
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StoPowerwall® ExtraSeal™ Air Barrier & WRB on CMU Backup Window Jamb/Sill – Face Flange Window w/ Precast Sill

Detail No.: 65c.25 Date: April 2016



Notes:

- . Consult with window and sealant manufacturers to verify window installation and detailing and to assure no leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assemblies with thermal breaks to avoid condensation. Test the final assembly using materials and sub-trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.
- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to applicable Sto guide specifications, product bulletins, Tech Hotlines, and other Sto guide details for additional information.

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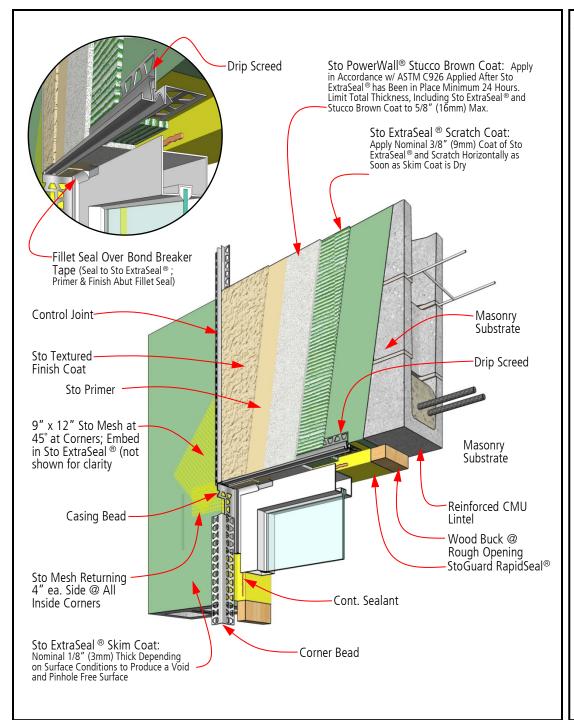
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StoPowerwall® ExtraSeal™ Air Barrier & WRB on CMU Backup Window Head – Face Flange Window

Detail No.: 65c.26 Date: April 2016



Notes:

- . Consult with window and sealant manufacturers to verify window installation and detailing and to assure no leakage into the wall assembly. Consult with window manufacturer regarding window and/or flashing assemblies with thermal breaks to avoid condensation. Test the final assembly using materials and sub-trades associated with the project to verify performance. Correct any deficiencies associated with excess air leakage, water infiltration into the wall assembly, or structural inadequacies.
- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
- Refer to applicable Sto guide specifications, product bulletins, Tech Hotlines, and other Sto guide details for additional information.

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StoPowerwall® ExtraSeal™ Air Barrier & WRB on CMU Backup Joint at Concrete Column Interface

Detail No.: 65c.41 Date: April 2016

Unrestrained Joint Sto ExtraSeal ® Skim Coat: Nominal 1/8" (3mm) Thick Depending on Surface Conditions to Produce a Void and Pinhole Free Surface StoGuard® Transition Membrane Concrete Column Back-to-Back Casing Beads Sealant & Backer Rod Sto Textured Finish Coat -Sto ExtraSeal ® Scratch Coat: Apply Nominal 3/8" (9mm) Coat of Sto ExtraSeal ® and Scratch Horizontally as Soon as Skim Coat is Dry -Sto Primer Masonry StoGuard® Substrate Transition Sto PowerWall® Stucco Brown Coat: Apply Membrane in Accordance w/ ASTM C926 Applied After Sto ExtraSeal® has Been in Place Minimum 24 Hours. Limit Total Thickness, Including Sto ExtraSeal® and Stucco Brown Coat to 5/8" (16mm) Max. Sto ExtraSeal ® Skim Coat: Nominal 1/8" (3mm) Thick Depending on Surface Conditions to Produce a Void and Pinhole Free Surface Masonry Substrate Sto Textured Finish Coat Sto ExtraSeal ® Scratch Coat: Apply Nominal 3/8" (9mm) Coat of Sto ExtraSeal® and Scratch Horizontally as Soon as Skim Coat is Dry Control Joint Restrained Joint Sto Primer

Notes:

- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
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StoPowerwall® ExtraSeal™ Air Barrier & WRB on CMU Backup Parapet

Detail No.: 65c.81 Date: April 2016

Sto PowerWall® Stucco Brown Coat: Apply in Accordance w/ ASTM C926 Applied After Sto ExtraSeal® has Been in Place Minimum 24 Hours. Limit Total Thickness, Including Sto ExtraSeal® and Stucco Brown Coat to 5/8" (16mm) Max. Sto ExtraSeal ® Scratch Coat: Apply Nominal 3/8" (9mm) Coat of Sto ExtraSeal® and Scratch Horizontally as Soon as Skim Coat is Dry Sto ExtraSeal ® Skim Coat: Nominal 1/8" (3mm) Thick Depending on Surface Conditions to Produce a Void and Pinhole Free Surface Control Joint StoGuard® Transition Membrane Horizontal Movement Joint at Underside of Structure Back-to-Back Casing Beads Sto Textured Finish Coat Masonry Substrate Sto Primer Fully Adhered Waterproof Membrane Parapet Flashing Casing Bead Note: Fully Adhered Roof Membrane Termination @ Front Cont. Cleat of Wall Coincides with Perforated or Expanded Flange of Casing Bead Fully Adhered Roof Membrane Termination Sto ExtraSeal ® Skim Cover Bd. Coat: Nominal 1/8" (3mm) Thick Depending on Surface Conditions to Produce a Void and Pinhole Free Surface Blocking as Reg'd Roof Structure Roof Perimeter Air Barrier Layer Roof Insulation (Joints Vapor Control Membrane (Vapor Staggered Horizontally Permeance as Determined by & Vertically) Qualified Professional)

Notes:

- Construct a site built mock-up using materials and sub-trades associated with the project to verify installation sequencing, detailing, and aesthetics.
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