StucCoat® One Coat System



DS993

A Fire-Rated, Stucco System Assembly for Residential and Commercial Buildings with Insulated and Crack-Resistant (CRS) Optional Components **StucCoat One Coat System** with Continuous Insulation **Installation Details**

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NOTE:

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StucCoat One Coat® System



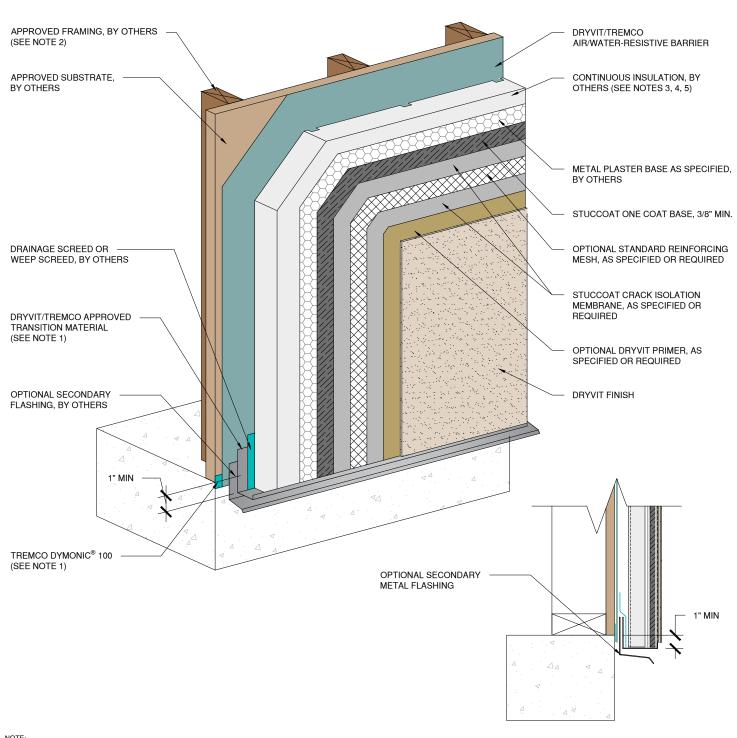
Drawn by: KAB Che

Checked by: CW | Scale: NTS

Date: 5/2/2025

TOC





- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
- FOAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE EXTERIOR SIDE OF THE BOARDS
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE, ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.

SECTION DETAIL

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StucCoat One Coat® System

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Detail: StucCoat One Coat System with Continuous Insulation

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FASTENING REQUIREMENTS FOR CONTINUOUS INSULATION BOARDS

INSULATION TYPE	SUBSTRATE	FASTENERS ³	SPACING
FOAM PLASTIC	WOOD STRUCTURAL PANELS OVER WOOD STUD FRAMING	NO. 11-GA ROOFING NAILS OR NO. 16-GA STAPLES WITH 7/16-INCH WIDE CROWNS COMPLYING WITH ASTM F1667 ¹	6-INCHES ON CENTER (MAX)
	EXTERIOR GYPSUM SHEATHING OVER STEEL STUD FRAMING	NO. 6, TYPE S SCREWS ²	6-INCHES ON CENTER (MAX)
MINERAL WOOL	WOOD STRUCTURAL PANELS OVER WOOD STUD FRAMING	NO. 16-GA STAPLES WITH 7/16-INCH WIDE CROWNS COMPLYING WITH ASTM F1667 ¹ THREE-INCH DIAMETER TRUFAST GRIP-LOK HURRICANE WASHERS WITH GRIP-DECK HILO CERAMIC-COATED SCREWS ¹	6-INCHES ON CENTER (MAX)
	EXTERIOR GYPSUM SHEATHING OVER STEEL STUD FRAMING	THREE-INCH DIAMETER TRUFAST GRIP-LOK HURRICANE WASHERS WITH GRIP-DECK HILO CERAMIC-COATED SCREWS ²	6-INCHES ON CENTER (MAX)

NOTE:

- FASTENERS SHALL PENETRATE NO LESS THAN 1 INCH INTO THE COMBINED THICKNESS OF WOOD FRAMING (SHEATHING AND STUDS).
- FASTENERS SHALL PENETRATE NO LESS THAN 1/4 INCH THROUGH STEEL STUD FLANGES.
- 3. FASTENERS SHALL BE CORROSION RESISTANT.
- FASTENING METHODS SHOWN APPLICABLE TO INSULATION BOARDS UP TO 1.5" MAXIMUM THICKNESS.
- 5. EQUIVALENT FASTENING METHODS NOT SHOWN SHALL BE APPROVED BY THE BUILDING OFFICIAL.
- 5. FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1,2" AND NO GREATER THAN 1,5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1,4" WIDE X 1,18" DEEP, SPACED AT 12" O.C.
- 7. FOAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERCLASS MESH TAPE ON THE EXTERIOR SIDE OF THE
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMPORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE. ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.
- 9. METAL LATH SHALL BE INSTALLED IN ACCORDANCE WITH IBC SECTIONS 2510 THROUGH 2512 OR IRC SECTION R703, AND ASTM C1063, AS APPLICABLE, LATH FASTENERS SHALL BE CORROSION RESISTANT AND SHALL PENETRATE THROUGH CONTINUOUS INSULATION AND SHEATHING AND SHALL BE EMBEDDED DIRECTLY INTO THE FRAMING TO TRANSFER THE LOADS TO STRUCTURAL LOAD-BEARING MEMBERS, REFER TO THE LATH EVALUATION REPORT OR THE LATH MANUFACTURER'S LITERATURE FOR LIMITATIONS AND USE RECOMMENDATIONS.

The architecture, engineering, and design of the project using the Dryvit, Tremco and USG products are the responsibility of the project's design professional. All products and systems must comply with local building codes and standards. This detail is for general information and guidance only and Dryvit, Tremco and USG specifically disclaims any liability for the use of this detail. The project design professional determines, in its sole discretion, whether this detail or a functionally equivalent detail is best suited for the project. This detail is subject to change without notice. Contact Dryvit, Tremco and USG to ensure you have the most recent version.

StucCoat One Coat® Securock® ExoAir 430 System

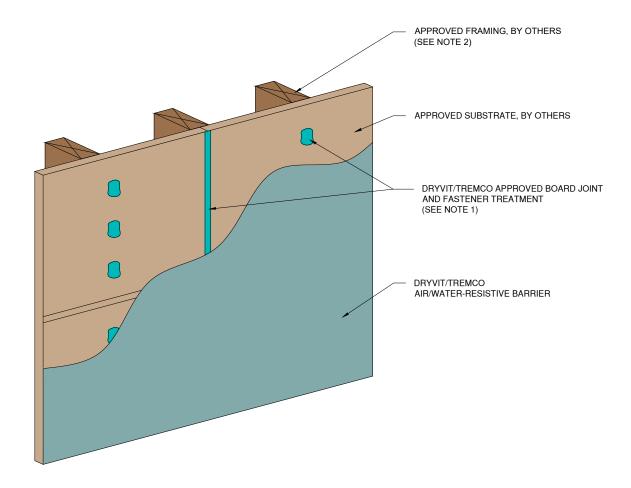


Detail: Fastening Requirements

Drawn by: HDE Checked by: CW Scale: NTS Date: 5/2/2025 SCOC CI 2

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NOTE

- NOTE: . APPLY DYMONIC 100 ENSURING MINIMUM OVERLAP OF 3/4" (19 MM) ONTO EACH PANEL AT 40 MILS.
- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.

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Detail: Board Joint and Fastener Treatment

Drawn by: KAB

Checked by: CW Scale: NTS

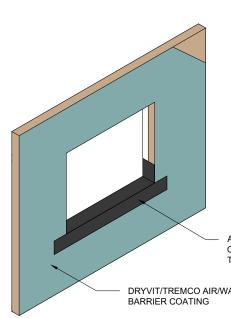
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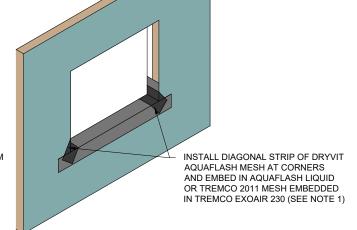
Construction Products Group



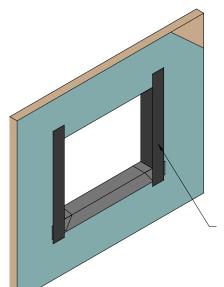
APPLY DRYVIT AQUAFLASH® SYSTEM OR TREMCO EXOAIR® 230 WITH TREMCO® 2011 MESH (SEE NOTE 1)

DRYVIT/TREMCO AIR/WATER-RESISTIVE

STEP #1

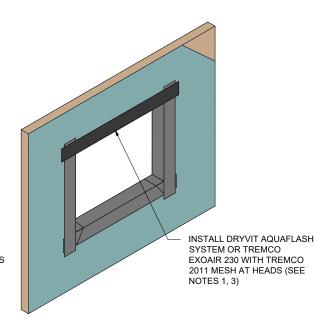


STEP #2



INSTALL DRYVIT AQUAFLASH SYSTEM OR TREMCO EXOAIR 230 WITH TREMCO 2011 MESH AT JAMBS (SEE NOTES 1 AND 3)

STEP #3



STEP #4

- DRYVIT AQUAFLASH AND TREMCO EXOAIR 230 WITH MESH SHALL EXTEND TO INTERIOR FACE OF OPENING.
- REFER TO HEAD, SILL AND JAMB DETAILS FOR FLASHING INTEGRATION. 2
- INSTALL WINDOW UNIT AND ASSOCIATED FLASHINGS PER MANUFACTURER'S RECOMMENDATIONS, CODE REQUIREMENTS AND PROJECT DOCUMENTS.
- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.

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StucCoat One Coat® System



Detail: Opening Preparation - Dryvit AquaFlash® System or Tremco ExoAir® 230 with Mesh Option

Drawn by: KAB

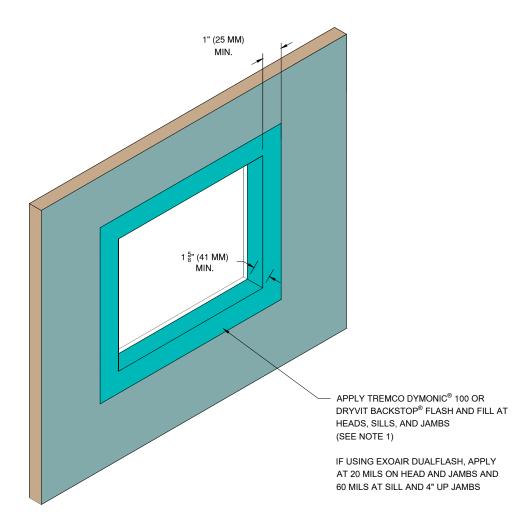
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Date: 5/2/2025

File Name:

SCOC CI 4





NOTE:

- REFER TO HEAD, SILL, AND JAMB DETAILS FOR FLASHING INTEGRATION.
- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- THE ONLY WRB TO BE USED WITH BACKSTOP $^{\otimes}$ FLASH AND FILL IS BACKSTOP $^{\otimes}$ NTX $^{\mathrm{TM}}.$

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StucCoat One Coat® System

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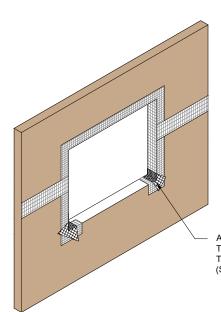
Detail: Opening Preparation - Tremco Dymonic® 100, Backstop® Flash and Fill, or ExoAir DualFlash Option

Drawn by: KAB

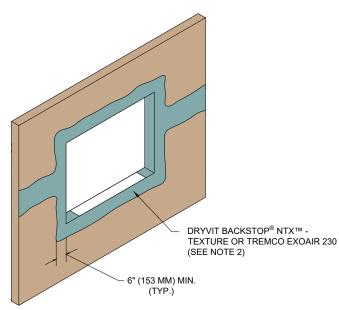
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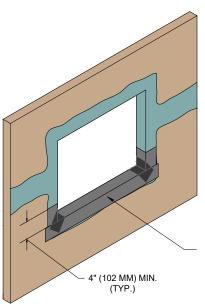


APPLY DRYVIT GRID TAPE™ OR TREMCO EXOAIR® 230 WITH TREMCO® 2011 MESH (SEE NOTES 1, 2, 5)



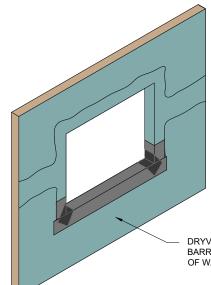
STEP #2

STEP #1



APPLY DRYVIT AQUAFLASH® SYSTEM OR TREMCO EXOAIR 230 WITH TREMCO 2011 MESH (SEE NOTES 2, 4, 5)

STEP #3



DRYVIT/TREMCO AIR/WATER-RESISTIVE BARRIER COATING APPLIED TO FACE OF WALL (SEE NOTE 4)

STEP #4

NOTE

- APPLY DRYVIT GRID TAPE OR TREMCO EXOAIR 230 WITH 3.
 TREMCO 2011 MESH ON HEAD, JAMB, AND CORNERS OF OPENINGS AND SHEATHING JOINTS.
- 2. TROWEL APPLY DRYVIT BACKSTOP® NTX™ TEXTURE OVER THE DRYVIT GRID TAPE OR APPLY TREMCO EXOAIR 230 WITH TREMCO 2011 MESH ALL THE WAY TO INSIDE FACE OF OPENING. ALL VOIDS MUST BE FILLED; MULTIPLE PASSES MAY BE REQUIRED. AS AN OPTION, DRYVIT GRID TAPE AND DRYVIT BACKSTOP® NTX™ TEXTURE MAY ALSO BE APPLIED AT THE SILL PRIOR TO DRYVIT AQUAFLASH SYSTEM APPLICATION
- INSTALL WINDOW UNIT AND ASSOCIATED FLASHINGS PER MANUFACTURER'S RECOMMENDATIONS, CODE REQUIREMENTS AND PROJECT DOCUMENTS.
- REFER TO HEAD, SILL, AND JAMB DETAILS FOR FLASHING INTEGRATION.
- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.

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StucCoat One Coat® System



Detail: Opening Preparation - Backstop® NTX $\,$ or Tremco ExoAir® 230 Option

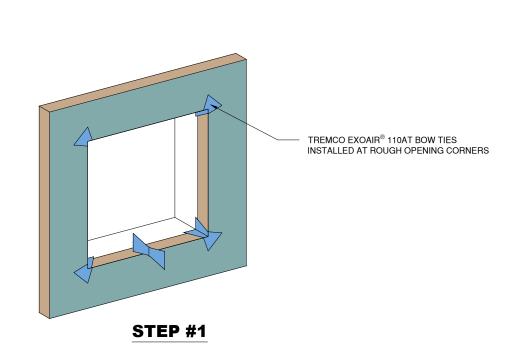
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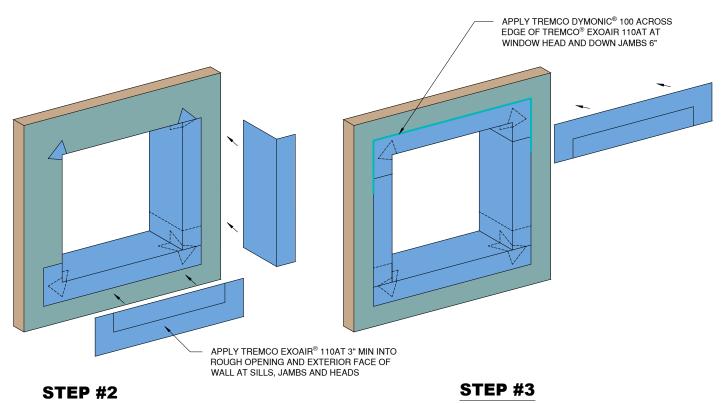
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File Name:

SCOC CI 6







NOTE:
1. REFER TO HEAD, SILL AND JAMB DETAILS FOR FLASHING INTEGRATION.

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Detail: Opening Preparation - Tremco ExoAir® 110AT Option

Drawn by: KAB

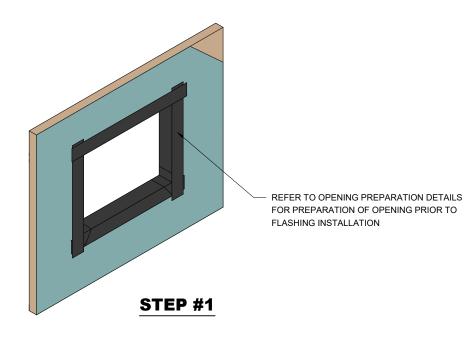
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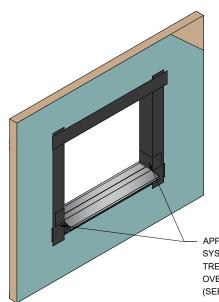
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SCOC CI 7

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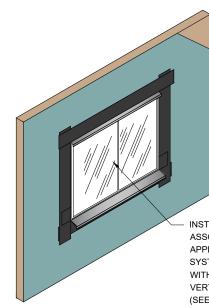
Construction Products Group





APPLY DRYVIT AQUAFLASH® SYSTEM OR TREMCO EXOAIR® 230 WITH TREMCO® 2011 MESH SPLICES LAPPING OVER LIP OF SILL PAN FLASHING. (SEE NOTE 1)

STEP #2



INSTALL WINDOW UNIT AND ASSOCIATED FLASHINGS AND APPLY DRYVIT AQUAFLASH SYSTEM OR TREMCO EXOAIR 230 WITH TREMCO 2011 MESH OVER VERTICAL LEG OF FLASHING (SEE NOTE 1)

STEP #3

NOTE:

1. REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.

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StucCoat One Coat® System



Detail: Opening Flashing Integration - Aquaflash® System or Tremco ExoAir® 230 Option

Drawn by: KAB

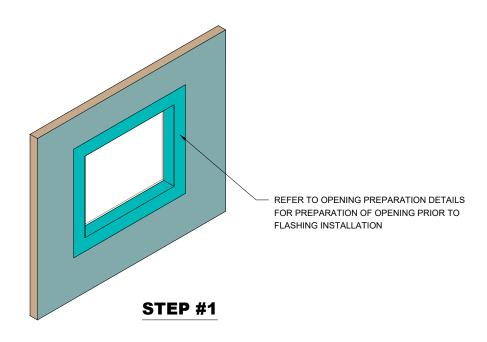
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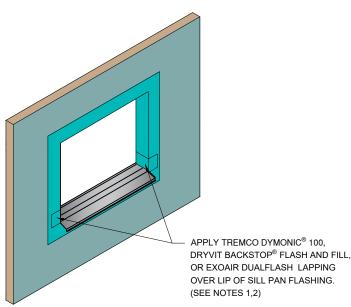
Date: 5/2/2025

SCOC CI8

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OR EXOAIR DUALFLASH LAPPING OVER LIP OF SILL PAN FLASHING.

STEP #3

STEP #2

- NOTE:

 1. REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- THE ONLY WRB TO BE USED WITH BACKSTOP® FLASH AND FILL IS BACKSTOP® NTXTM.

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INSTALL WINDOW UNIT AND

ASSOCIATED FLASHINGS AND APPLY TREMCO DYMONIC® 100

FLASHING, DRYVIT BACKSTOP®

FLASH AND FILL, OR EXOAIR DUALFLASH OVER VERTICAL LEG OF FLASHING (SEE NOTES 1, 2)

StucCoat One Coat® System



Detail: Opening Flashing Integration - Tremco Dymonic® 100, Backstop® Flash and Fill, or ExoAir DualFlash Option

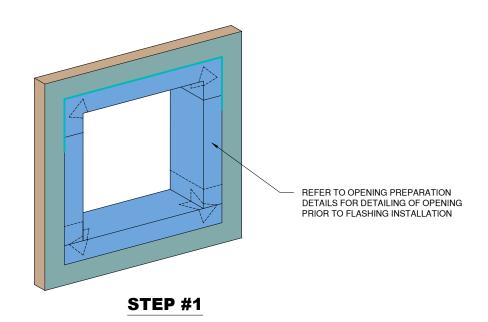
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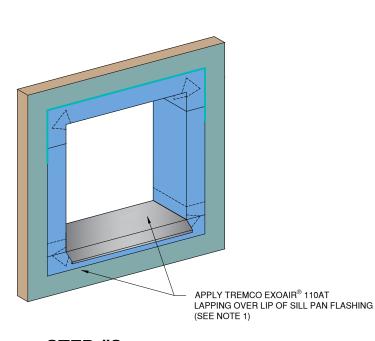
Date: 5/2/2025

SCOC CI 9

File Name:







APPLY TREMCO DYMONIC® 100 ACROSS EDGE OF TREMCO® EXOAIR 110AT AT WINDOW HEAD AND DOWN JAMBS 6"

INSTALL WINDOW UNIT AND ASSOCIATED FLASHINGS AND APPLY TREMCO EXOAIR® 110AT OVER VERTICAL LEG OF FLASHING (SEE NOTE 1)

STEP #3

STEP #2

NOTE:

1. INSTALL WINDOW UNIT AND ASSOCIATED FLASHINGS PER
MANUFACTURER'S RECOMMENDATIONS, CODE REQUIREMENTS AND PROJECT DOCUMENTS.

Drawn by: KAB

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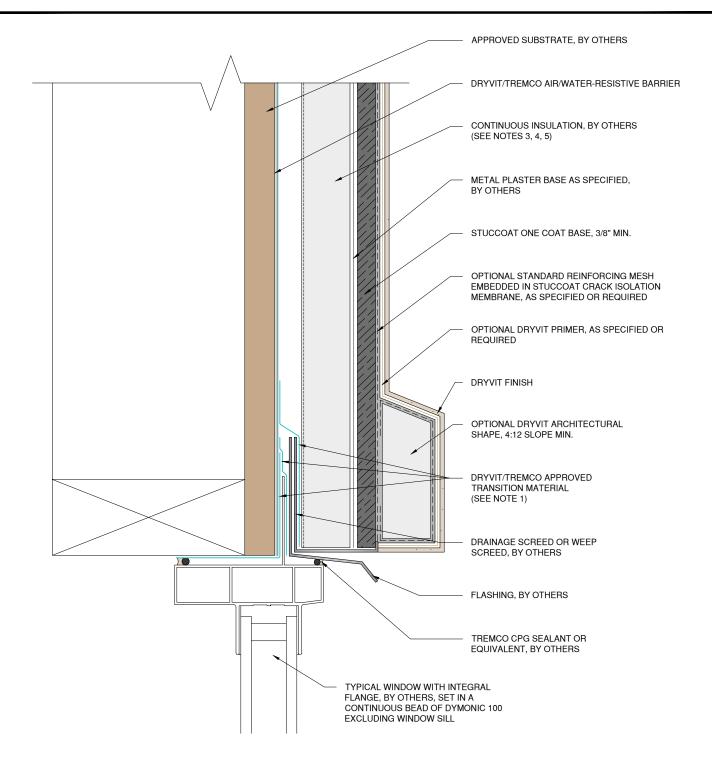
Detail: Opening Flashing Integration - Tremco ExoAir® 110AT Option

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Date: 5/2/2025

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- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
- FOAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE EXTERIOR SIDE OF THE BOARDS
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE, ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.

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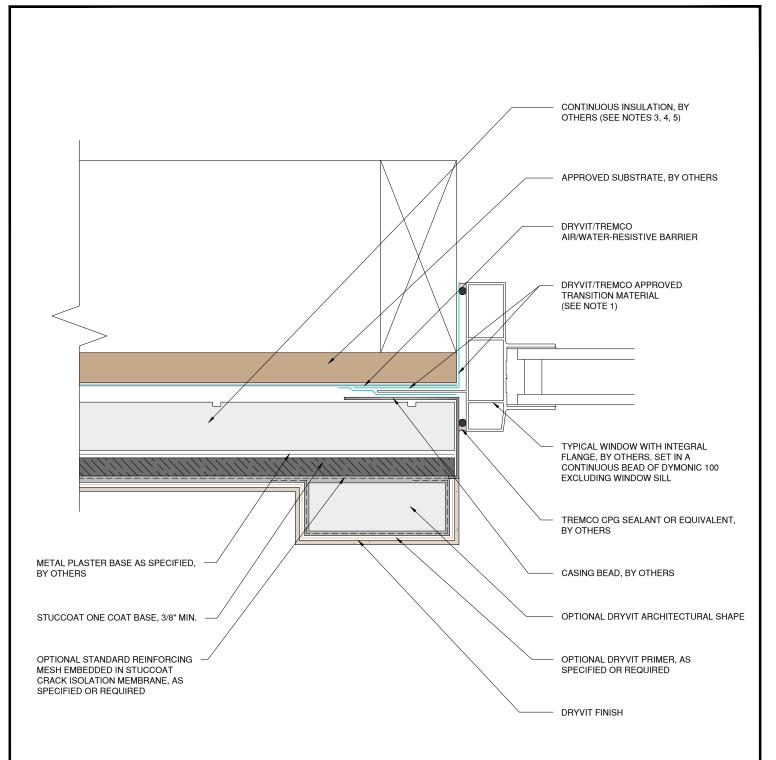
Detail: Flanged Window Head

Drawn by: KAB

Checked by: CW Scale: NTS Date: 5/2/2025

SCOC CI 11





- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
- FOAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE EXTERIOR SIDE OF THE BOARDS
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Detail: Flanged Window Jamb

Drawn by: KAB

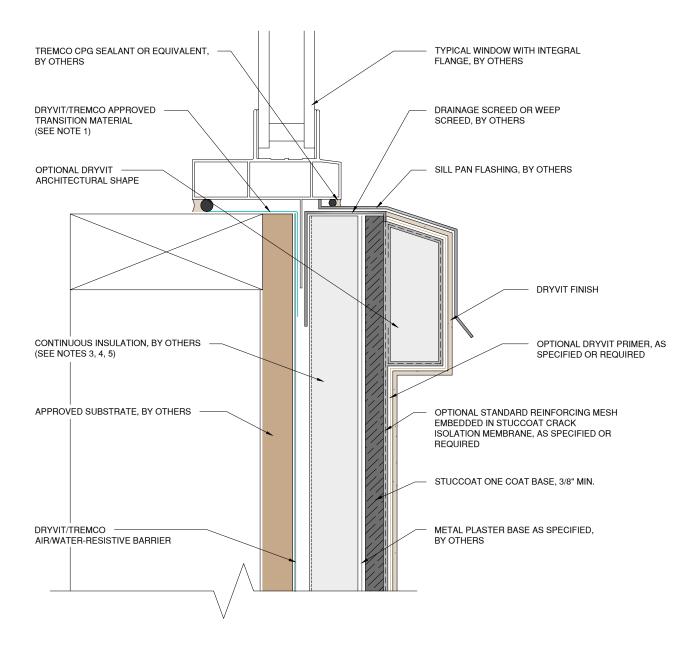
Checked by: CW

Scale: NTS

Date: 5/2/2025

File Name:





- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
- FOAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE EXTERIOR SIDE OF THE BOARDS.
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE, ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.

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Detail: Flanged Window Sill

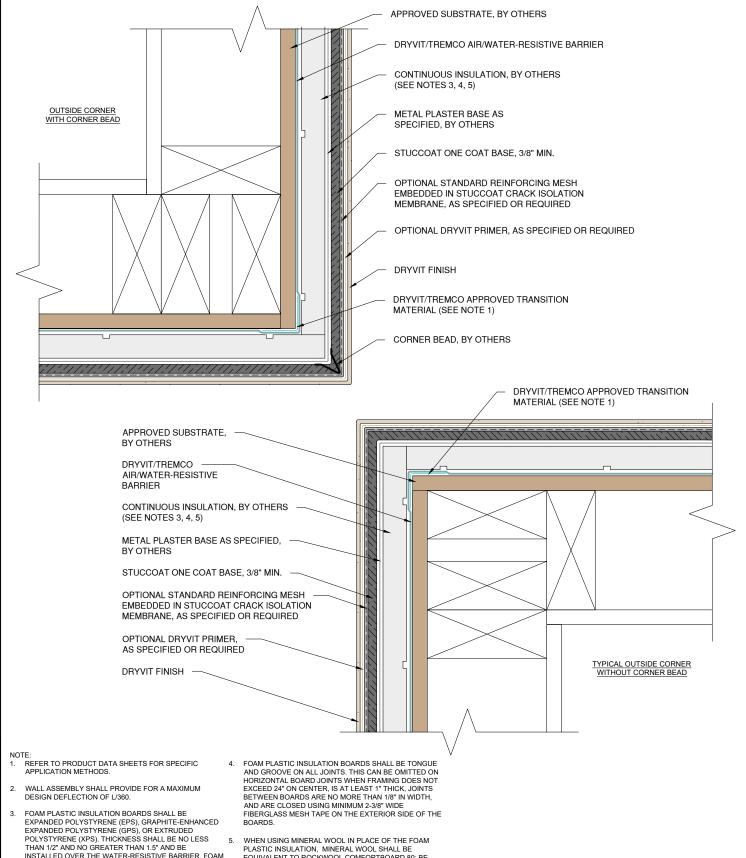
Drawn by: KAB

Checked by: CW Scale: NTS

Date: 5/2/2025

SCOC CI 13





- 3. FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS), THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER, FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF, INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/6" DEEP, SPACED AT 12" O.C.
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE. ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.

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Detail: Outside Corner

Drawn by: KAB

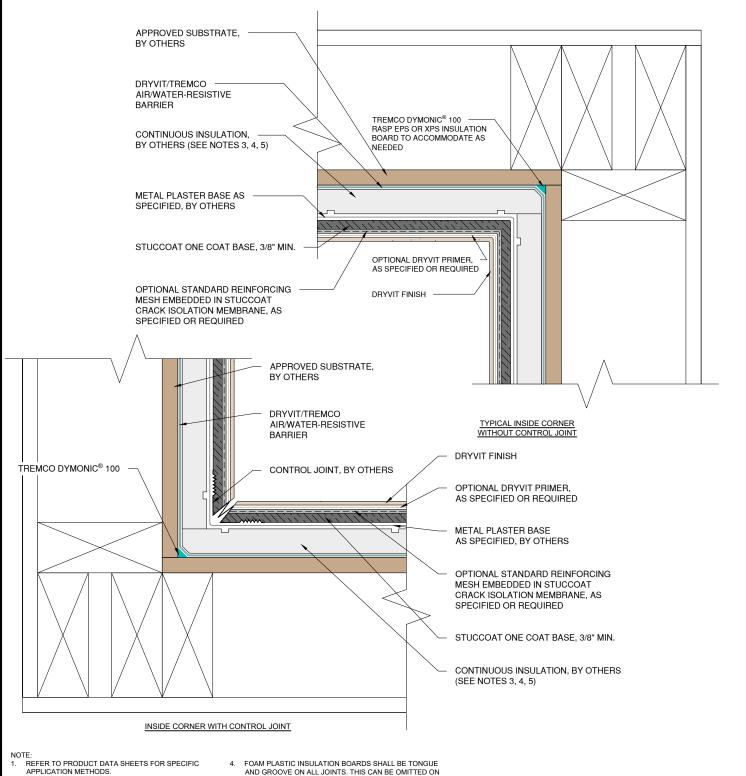
Checked by: CW Scale:

Scale: NTS Date: 5/2/2025

File Name:

SCOC CI 14





- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- 3. FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (EPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 112° AND NO GREATER THAN 1.5° AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC. 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 14° WIDE X 18° DEEP, SPACED AT 12° O.C.
- FOAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE EXTERIOR SIDE OF THE BOARDS.
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE CQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE. ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.

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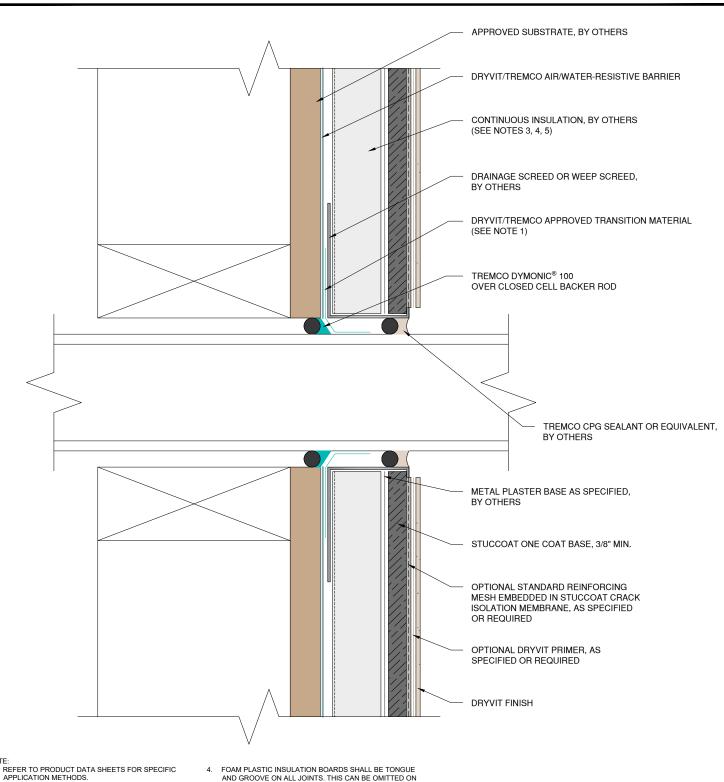
Drawn by: KAB Checked by: CW

Detail: Inside Corner

Scale: NTS Date: 5/2/2025

SCOC CI 15





- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
- FOAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE EXTERIOR SIDE OF THE BOARDS
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE, ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.

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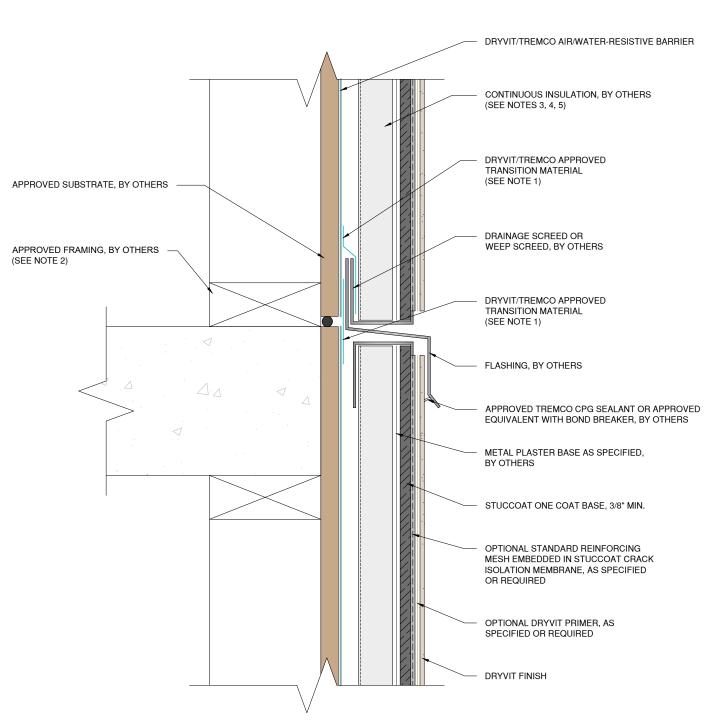
Detail: Penetration Drawn by: KAB Checked by: CW

Scale: NTS

Date: 5/2/2025

SCOC CI 16





NOTE

- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- 3. FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5 4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
- POAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE EXTERIOR SIDE OF THE ROARDS.
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE CQUIVALENT TO ROCKWOOL COMPORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE. ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.
- DRAINAGE FLASHING AND EXPANSION JOINT SHALL BE INSTALLED AT EVERY FLOOR LINE IN WOOD-FRAMING CONSTRUCTION.

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Detail: Horizontal Floor Line Flashing & Expansion Joint

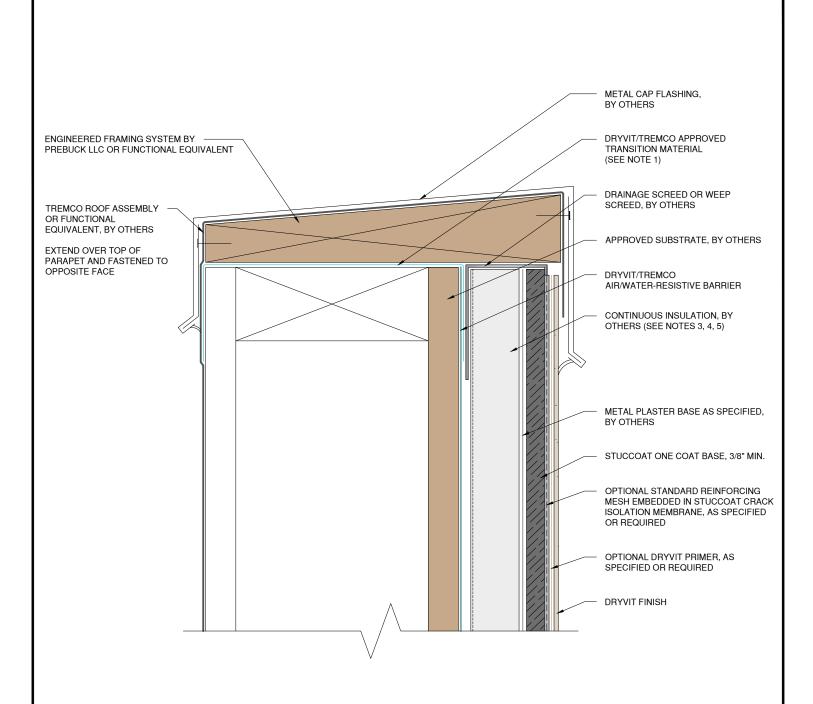
Drawn by: KAB

Checked by: CW Scale: NTS

Date: 5/2/2025

SCOC CI 17





- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
- FOAM PLASTIC INSULATION BOARDS SHALL BE TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE OMITTED ON HORIZONTAL BOARD JOINTS WHEN FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE EXTERIOR SIDE OF THE
- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET
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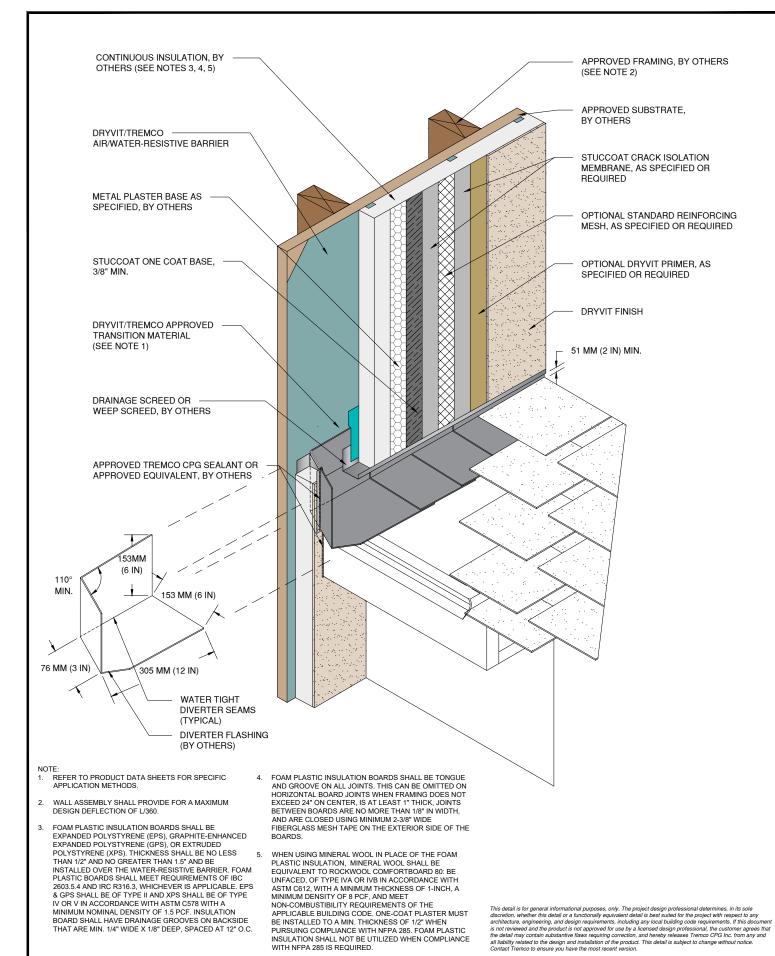
Detail: Termination at Parapet - Cap Flashing

Checked by: CW

Drawn by: KAB

Scale: NTS Date: 5/2/2025 File Name:





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THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.

Detail: Termination at Roof/Wall Intersection

Drawn by: KAB

Checked by: CW

Scale: NTS

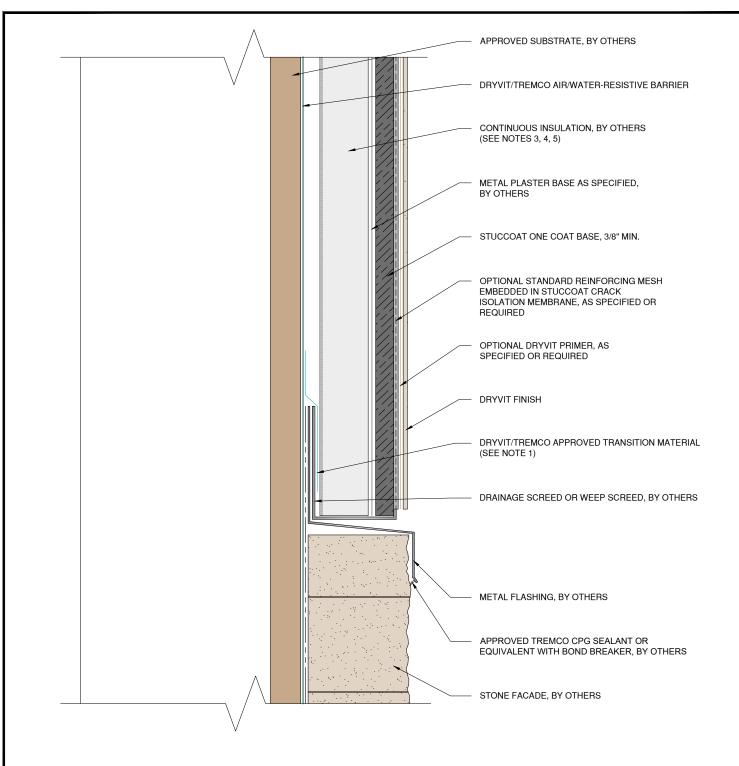
INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.

Date: 5/2/2025

SCOC CI 19

File Name:

Construction Products Group



- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH ASTM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
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- WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE, ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.

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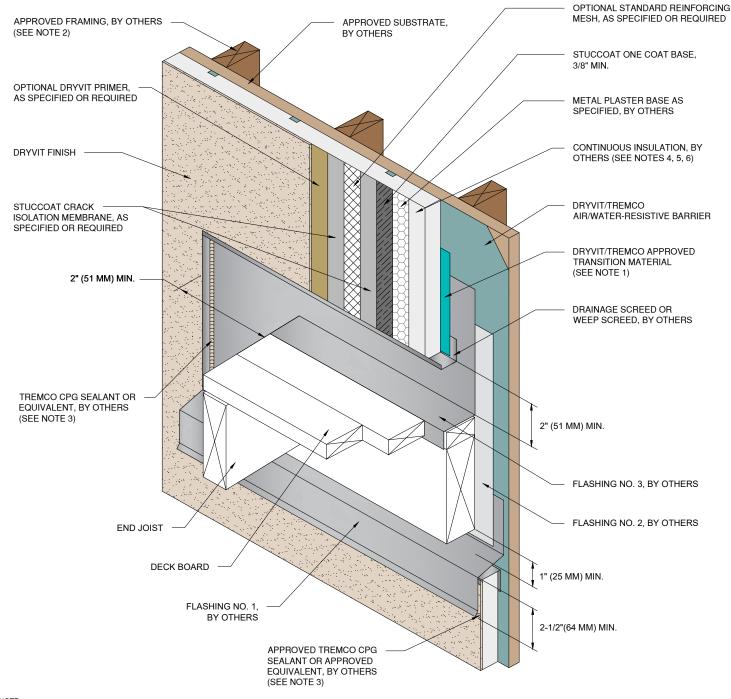


Detail: Horizontal Termination at Stone Veneer Drawn by: KAB Checked by: CW

Date: 5/2/2025

SCOC CI 20





NOTE

- REFER TO PRODUCT DATA SHEETS FOR SPECIFIC APPLICATION METHODS.
- 2. WALL ASSEMBLY SHALL PROVIDE FOR A MAXIMUM DESIGN DEFLECTION OF L/360.
- 3. BACKER ROD AND SEALANT JOINT SHALL NOT COVER OR OBSTRUCT CASING BEAD WEEP HOLES.
- 4. FOAM PLASTIC INSULATION BOARDS SHALL BE EXPANDED POLYSTYRENE (EPS), GRAPHITE-ENHANCED EXPANDED POLYSTYRENE (GPS), OR EXTRUDED POLYSTYRENE (XPS). THICKNESS SHALL BE NO LESS THAN 1/2" AND NO GREATER THAN 1.5" AND BE INSTALLED OVER THE WATER-RESISTIVE BARRIER. FOAM PLASTIC BOARDS SHALL MEET REQUIREMENTS OF IBC 2603.5.4 AND IRC R316.3, WHICHEVER IS APPLICABLE. EPS & GPS SHALL BE OF TYPE II AND XPS SHALL BE OF TYPE IV OR V IN ACCORDANCE WITH A STM C578 WITH A MINIMUM NOMINAL DENSITY OF 1.5 PCF. INSULATION BOARD SHALL HAVE DRAINAGE GROOVES ON BACKSIDE THAT ARE MIN. 1/4" WIDE X 1/8" DEEP, SPACED AT 12" O.C.
- 5. FOAM PLASTIC INSULATION BOARDS SHALL BE
 TONGUE AND GROOVE ON ALL JOINTS. THIS CAN BE
 OMITTED ON HORIZONTAL BOARD JOINTS WHEN
 FRAMING DOES NOT EXCEED 24" ON CENTER, IS AT
 LEAST 1" THICK, JOINTS BETWEEN BOARDS ARE NO
 MORE THAN 1/8" IN WIDTH, AND ARE CLOSED USING
 MINIMUM 2-3/8" WIDE FIBERGLASS MESH TAPE ON THE
 EXTERIOR SIDE OF THE BOARDS.
- 6. WHEN USING MINERAL WOOL IN PLACE OF THE FOAM PLASTIC INSULATION, MINERAL WOOL SHALL BE EQUIVALENT TO ROCKWOOL COMFORTBOARD 80: BE UNFACED, OF TYPE IVA OR IVB IN ACCORDANCE WITH ASTM C612, WITH A MINIMUM THICKNESS OF 1-INCH, A MINIMUM DENSITY OF 8 PCF, AND MEET NON-COMBUSTIBILITY REQUIREMENTS OF THE APPLICABLE BUILDING CODE. ONE-COAT PLASTER MUST BE INSTALLED TO A MIN. THICKNESS OF 1/2" WHEN PURSUING COMPLIANCE WITH NFPA 285. FOAM PLASTIC INSULATION SHALL NOT BE UTILIZED WHEN COMPLIANCE WITH NFPA 285 IS REQUIRED.
- DETAIL DOES NOT APPLY TO CANTILEVERED DECKS. CANTILEVERED DECKS REQUIRE JOB SPECIFIC FLASHING DETAILS.

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