

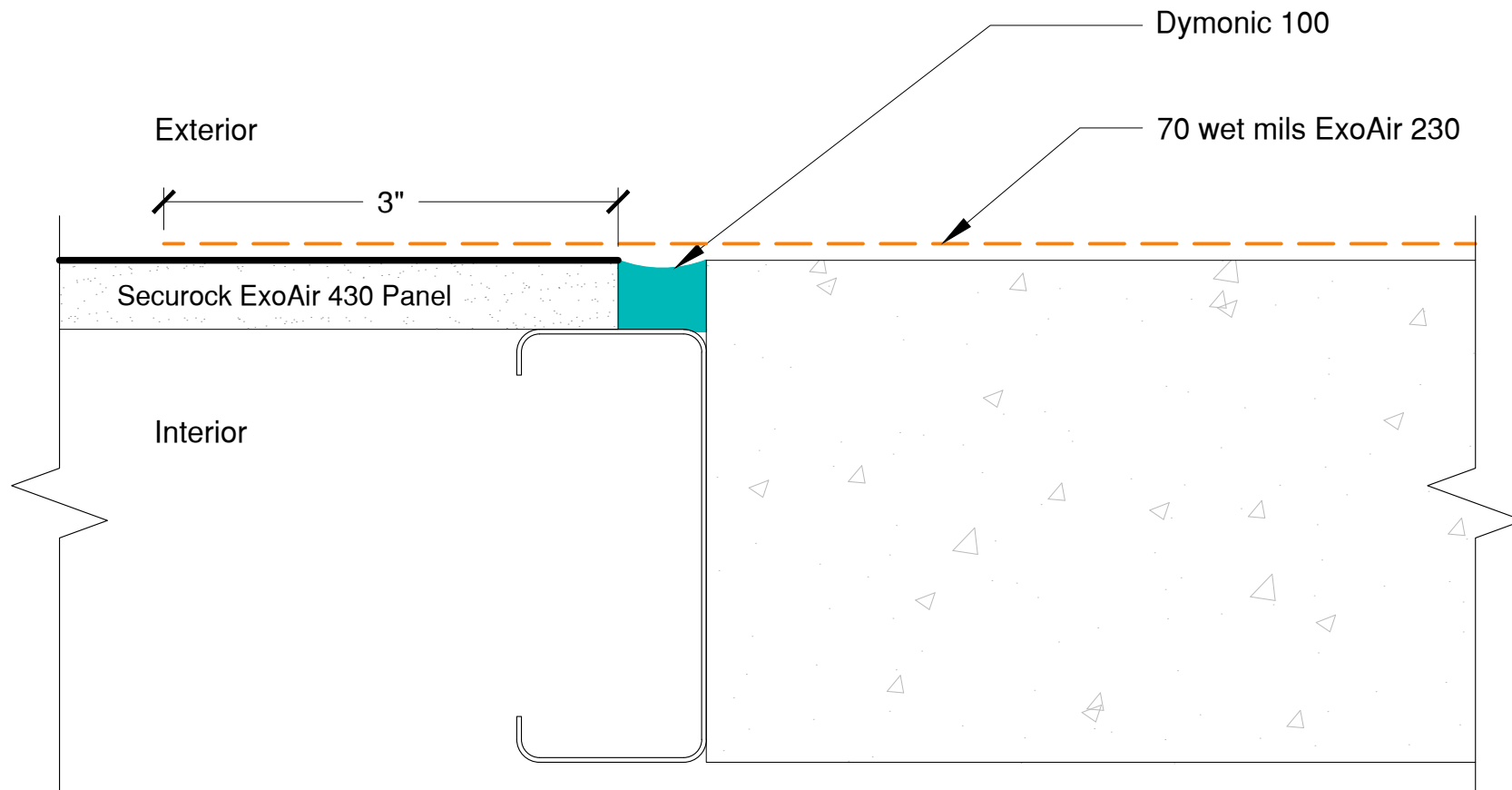


SECUROCK® EXOAIR® 430

Master Details List



Notes:
 - Stud must be mechanically fastened/anchored to substrate
 - Minimum 3" overlap required for all dissimilar materials and/or change in plane
 - For joints wider than 1" contact your Tremco Technical Services Representative



See securockexoair.com for the most up-to-date product information

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 Chicago, IL 60661
 USG Technical & Customer Support:
 800.USG.4YOU (874-4968)

Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: **Adjacent Substrates**

Drawn by: **KAB**

Approved by: **DM**

Scale: **NTS**

File Name:
13577

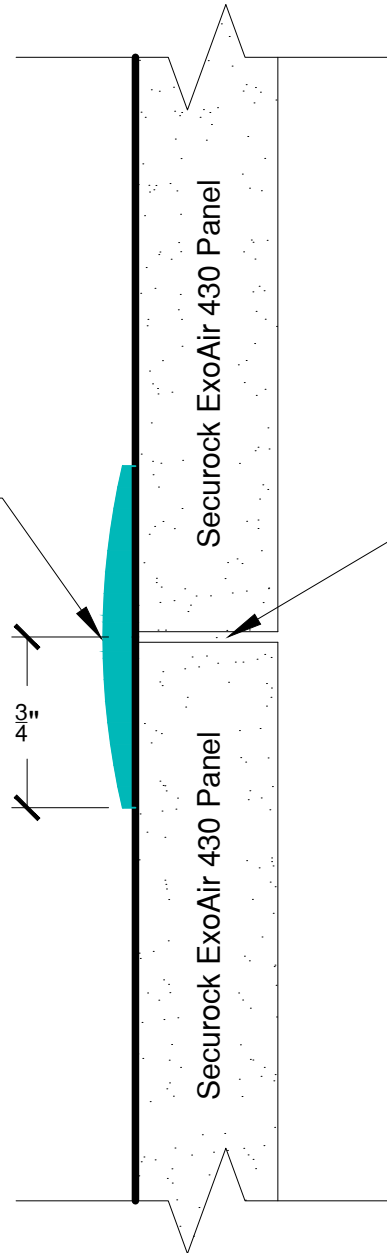
Rev #
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Date: **7/10/2019**

Exterior

Interior

Dymonic 100 applied $\frac{1}{16}$ " (60 mils) thick with a $\frac{3}{4}$ " contact to face of panel



Gaps between boards shall not exceed $\frac{1}{8}$ ", gaps greater than $\frac{1}{8}$ " but less than $\frac{1}{2}$ " shall be filled with Dymonic 100 sealant as fill material prior to detailing board. Joint to be finished per board joint section below. If gap exceeds $\frac{1}{2}$ ", panel must be repositioned or repaired per repair instructions listed in section 24 of the Installation Instructions.

Notes:
 - Spectrem 1 is an alternative to Dymonic 100, but can not be used with an adhesively applied cladding

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SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Board Joint

File Name:
 12969

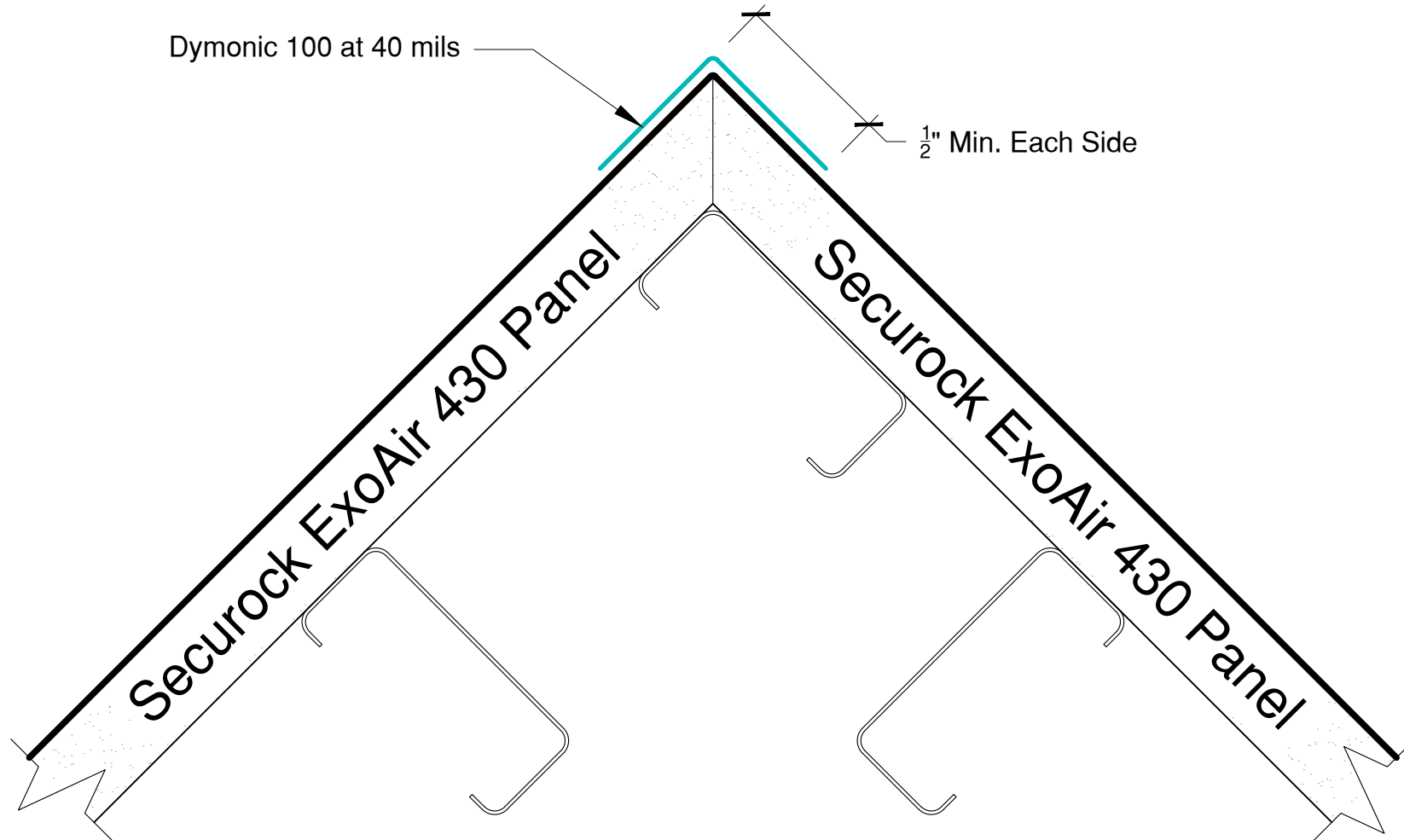
Rev #
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Drawn by: KAB

Approved by: DM

Scale: NTS

Date: 7/10/2019



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Beachwood, OH 44122

Tremco Technical Support:
866.209.2404

SECUROCK® ExoAir® 430 Panel

Project:
Detail: Board Milling Detailing

Drawn by: KAB

Approved by: RB

Scale: NTS

File Name:

16729

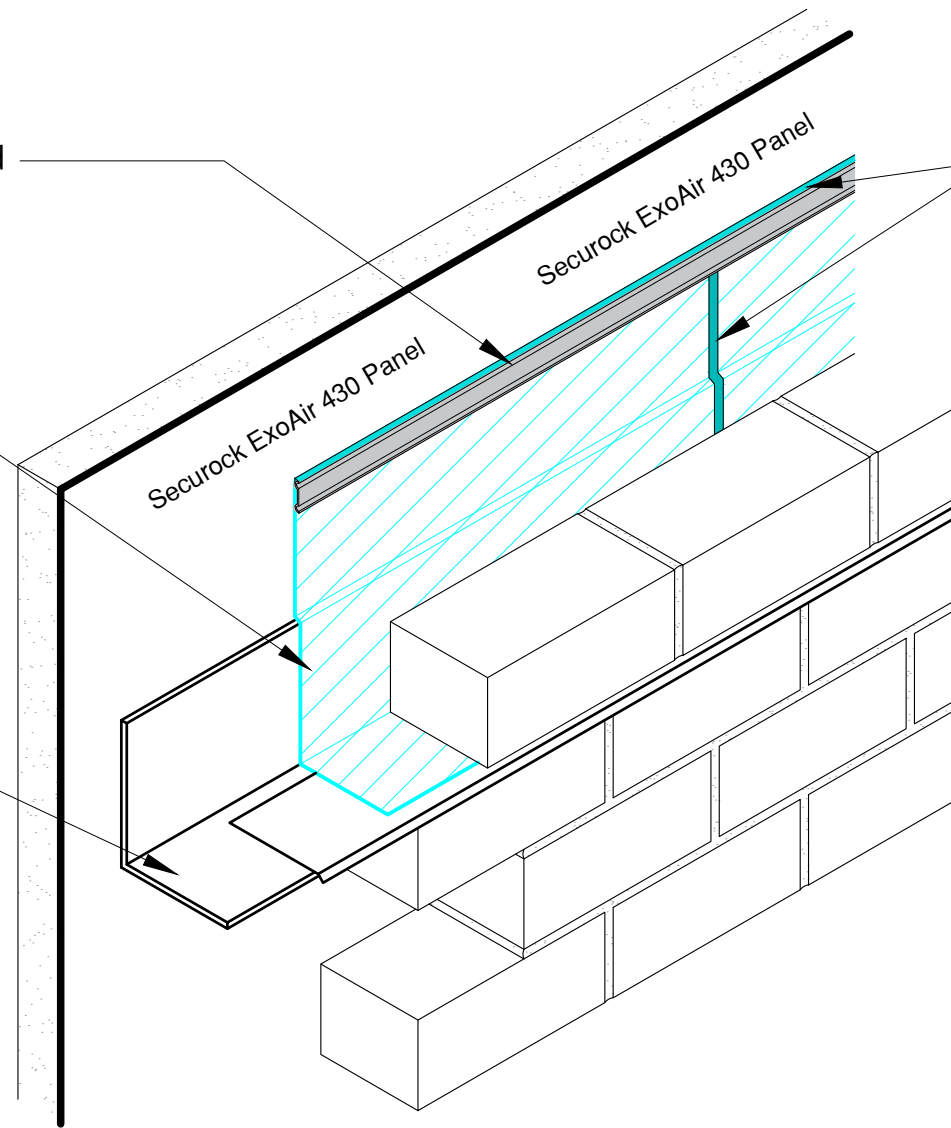
Date: 7/10/2019

Rev #
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Termination Bar anchored
8" O.C. (optional)

ExoAir 110AT or
ExoAir TWF, recessed
 $\frac{1}{2}$ " from exterior

Steel Lintel with
Drip Edge



Apply Dymonic 100 to top and
all cut edges of ExoAir 110AT
or ExoAir TWF

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Note:
- ExoAir Primer must be used with ExoAir TWF



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Tremco Technical Support:
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SECUROCK® ExoAir® 430 Panel

Project:
Detail: End Dam - ExoAir 110AT or ExoAir TWF

Drawn by: KAB

Approved by: DM

Scale: NTS

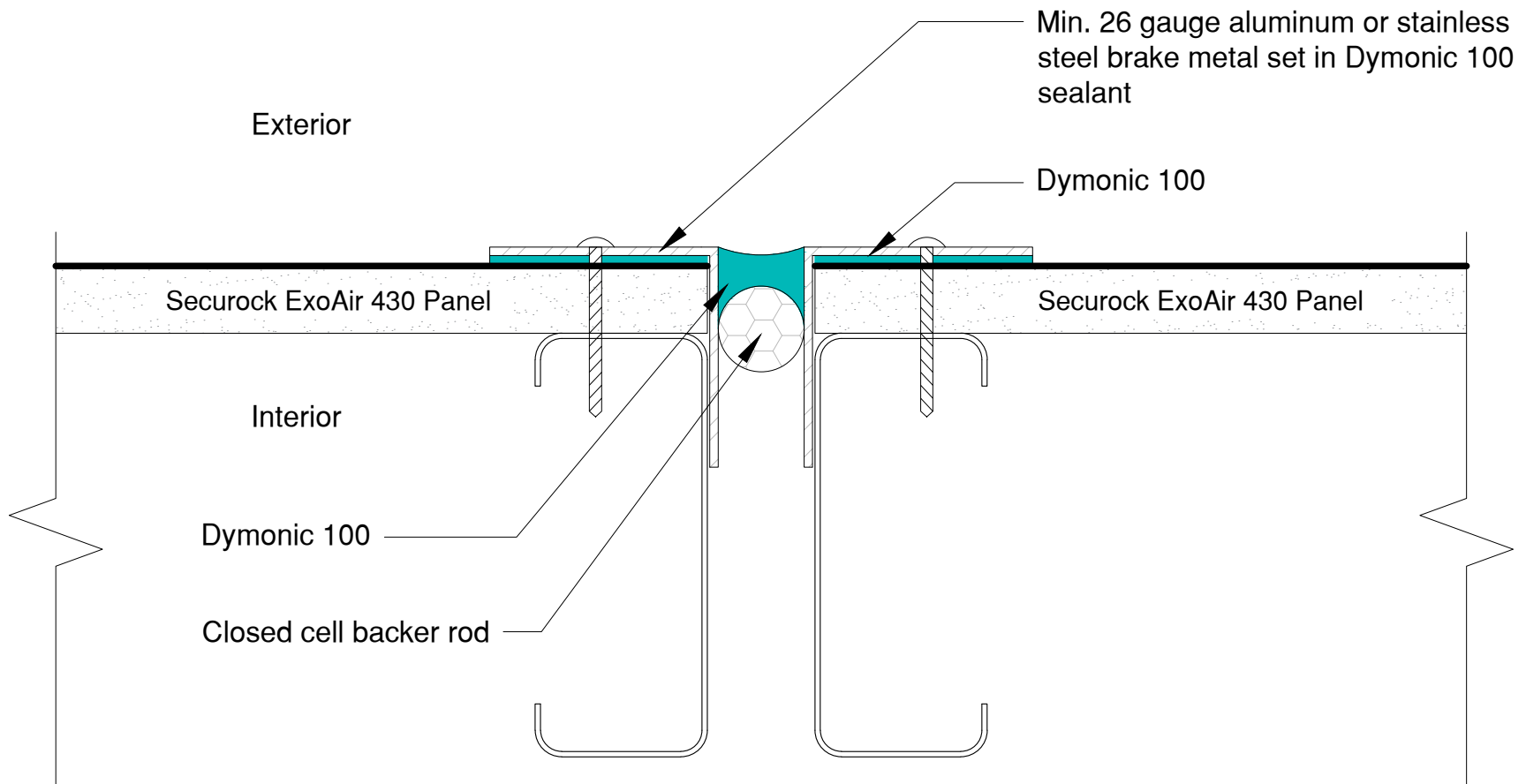
File Name:

18664

Rev #

00

Date: 7/11/2019



Notes:

- For joints wider than 1" contact your Tremco Technical Sales Representative
- Brake metal to be 1"x1" on each substrate, standard flashing gauge
- When lapping brake metal, sections must overlap 3" in shingle fashion

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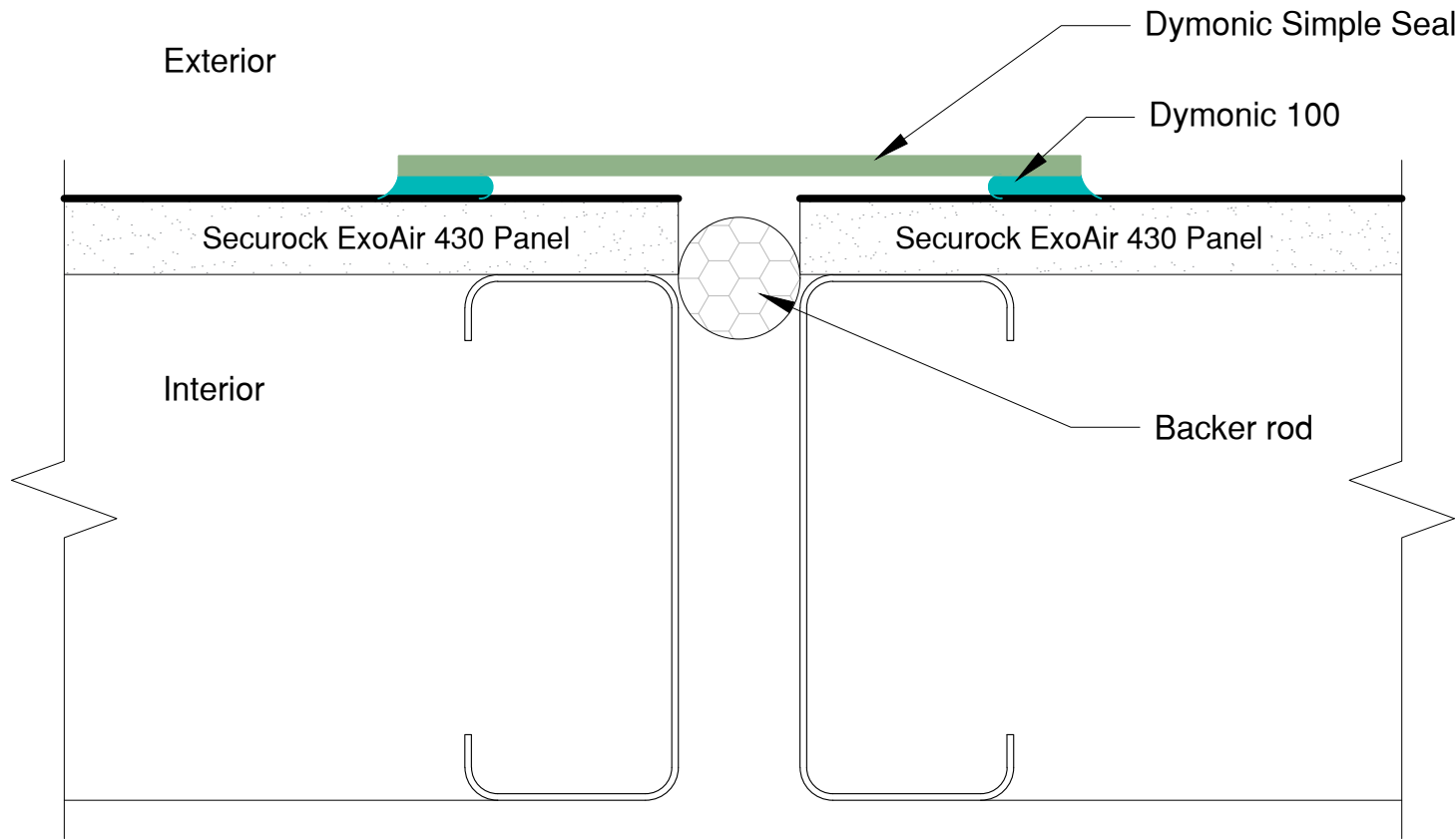
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SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Expansion Control Joint - Brake Metal - 13127
 Drawn by: KAB Approved by: DM Scale: NTS

File Name:
13127
 Date: 7/11/2019

Rev #
00



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SECUROCK® ExoAir® 430 Panel

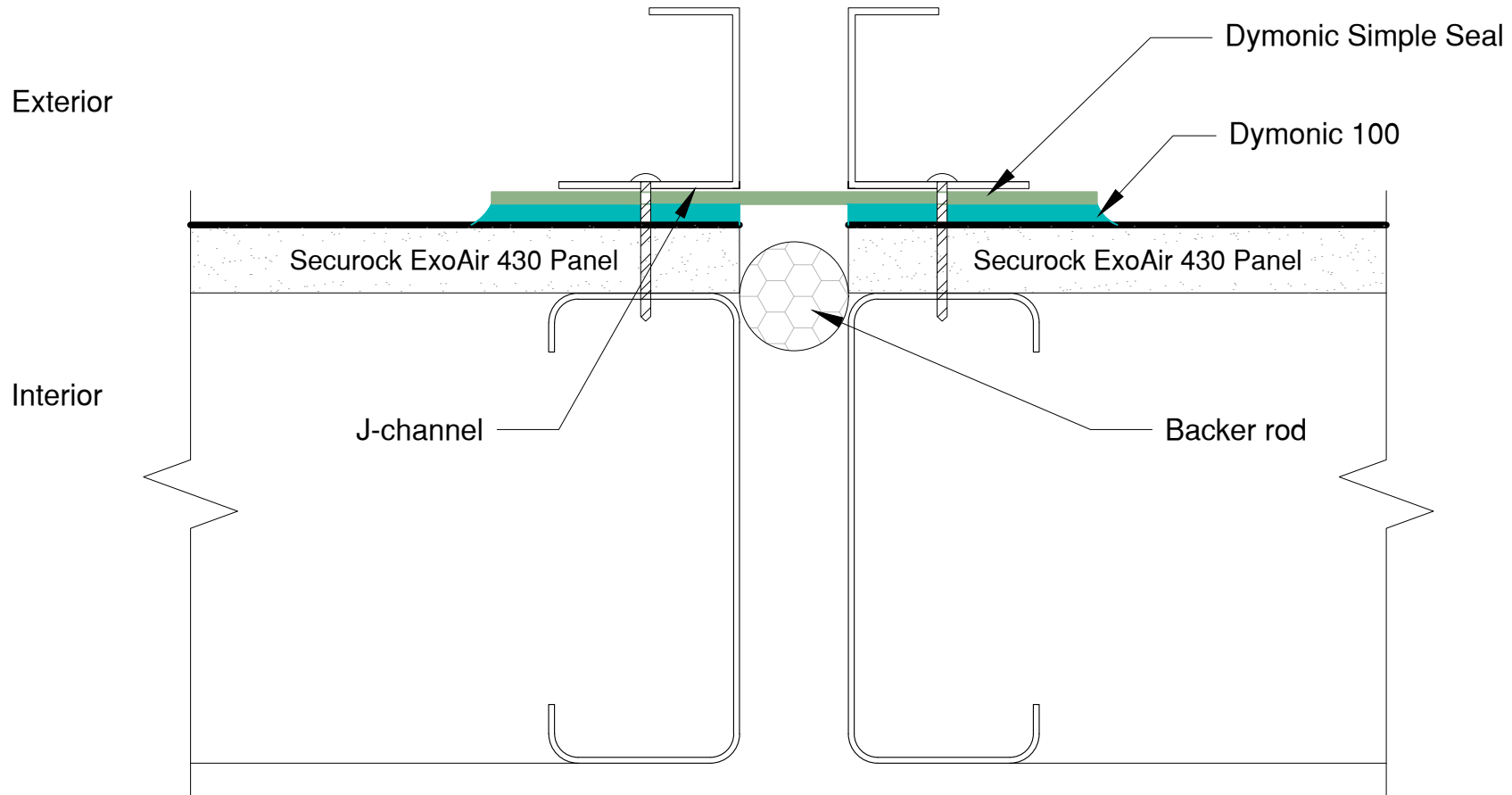
Project:
Detail: Expansion/Control Joint - Dymonic Simple Seal

Drawn by: **KAB** | Approved by: **DM** | Scale: NTS

File Name:
19326

Date: 7/10/2019

Rev #
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Beachwood, OH 44122

Tremco Technical Support:
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SECUROCK® ExoAir® 430 Panel

Project:
Detail: Expansion/Control Joint - Mechanically Fastened Trim - Dymonic Simple Seal

Drawn by: **KAB**

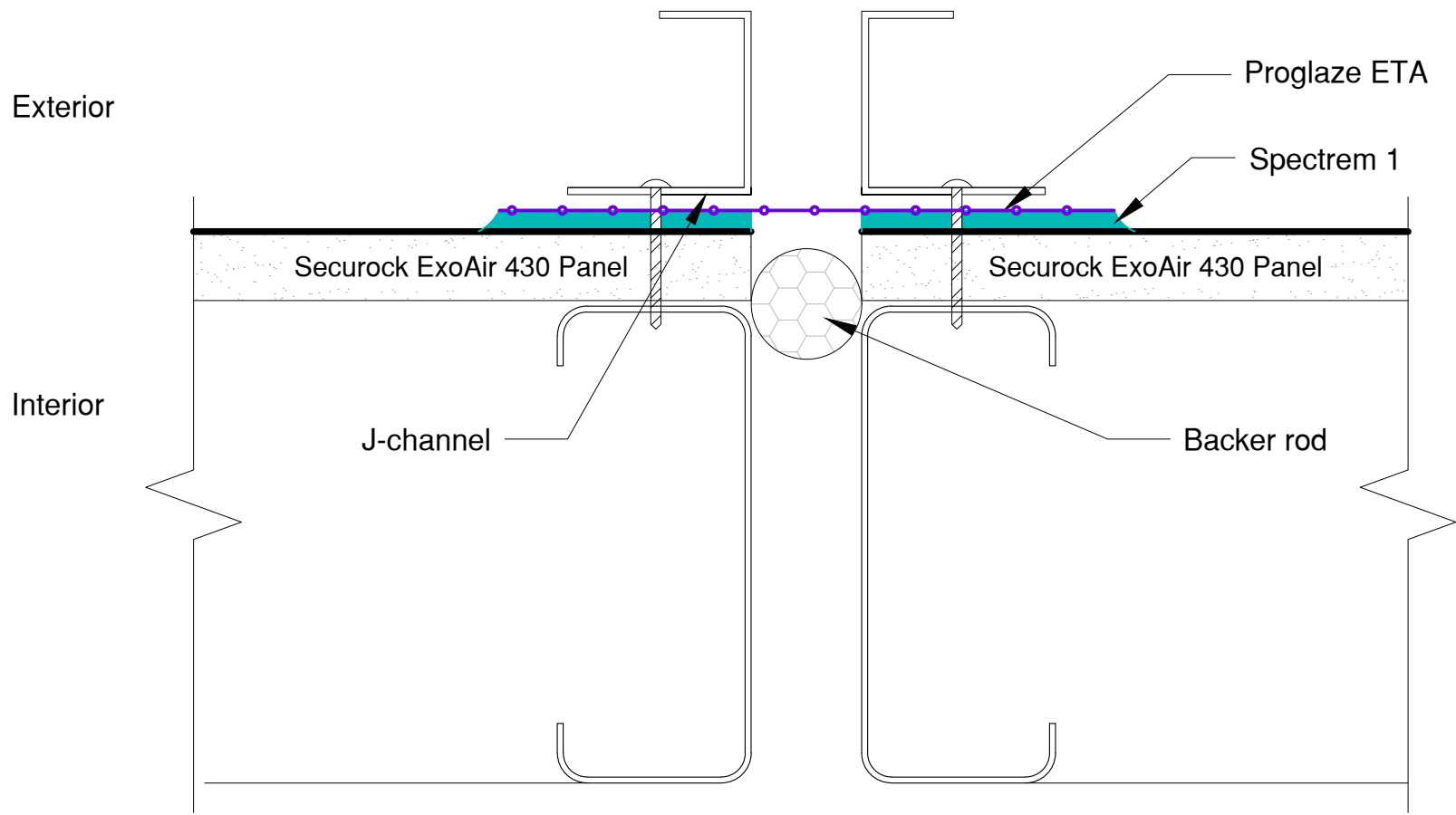
Approved by: **DM**

Scale: NTS

File Name:
19324

Rev #
00

Date: 7/10/2019



Notes:

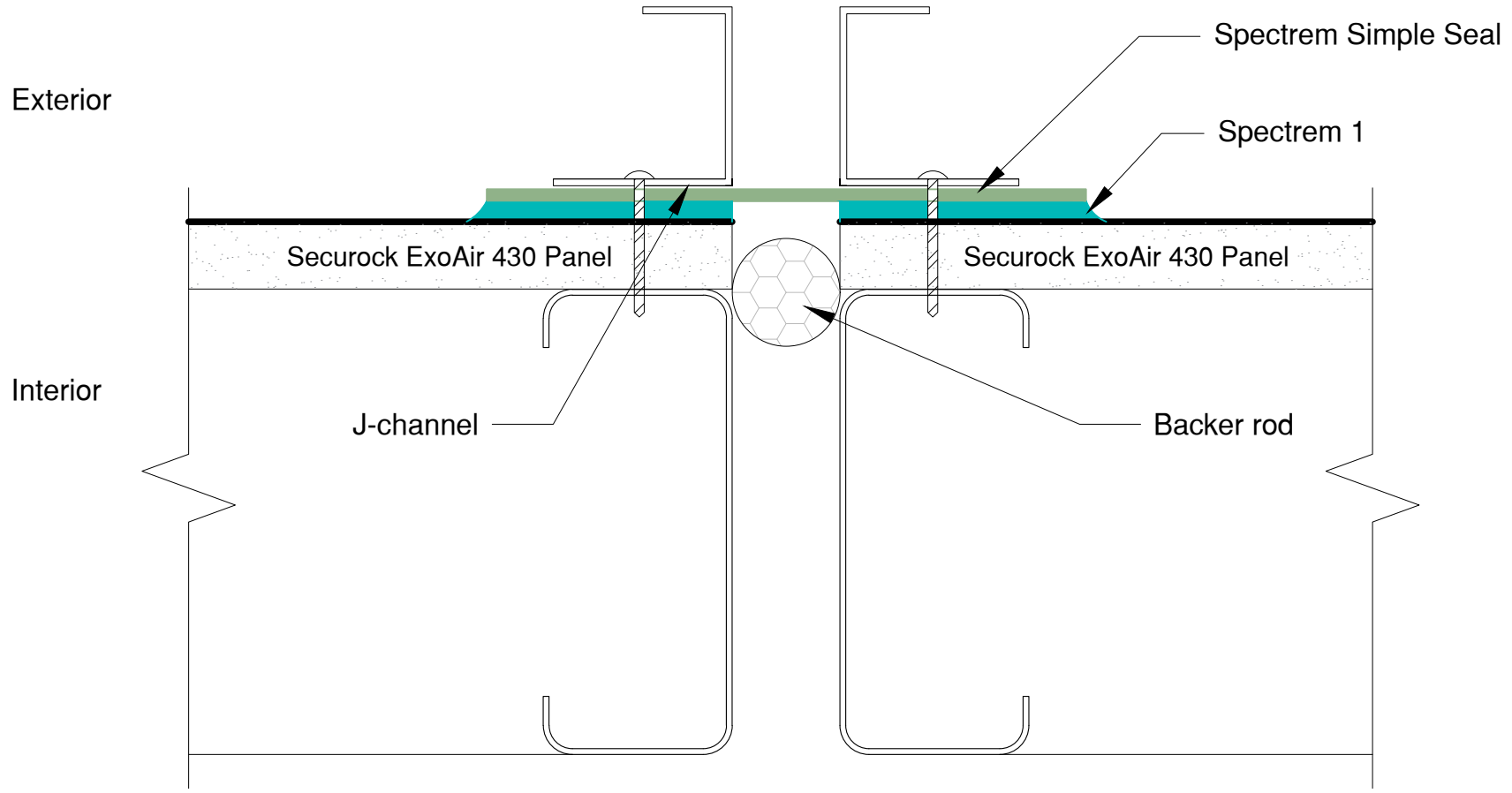
- Proglaze ETA completely set in bed of Spectrem 1 silicone sealant - refer to application instructions for more detail on installation
- Width of Proglaze ETA determined by width of joint/gap and anticipated movement
- 3" Overlap sealed with Spectrem 1 for Proglaze ETA splicing, applied in proper shingle effect
- Should not be used with adhesively attached cladding

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	Drawn by: KAB	Approved by: DM	Scale: NTS	Date: 7/10/2019		



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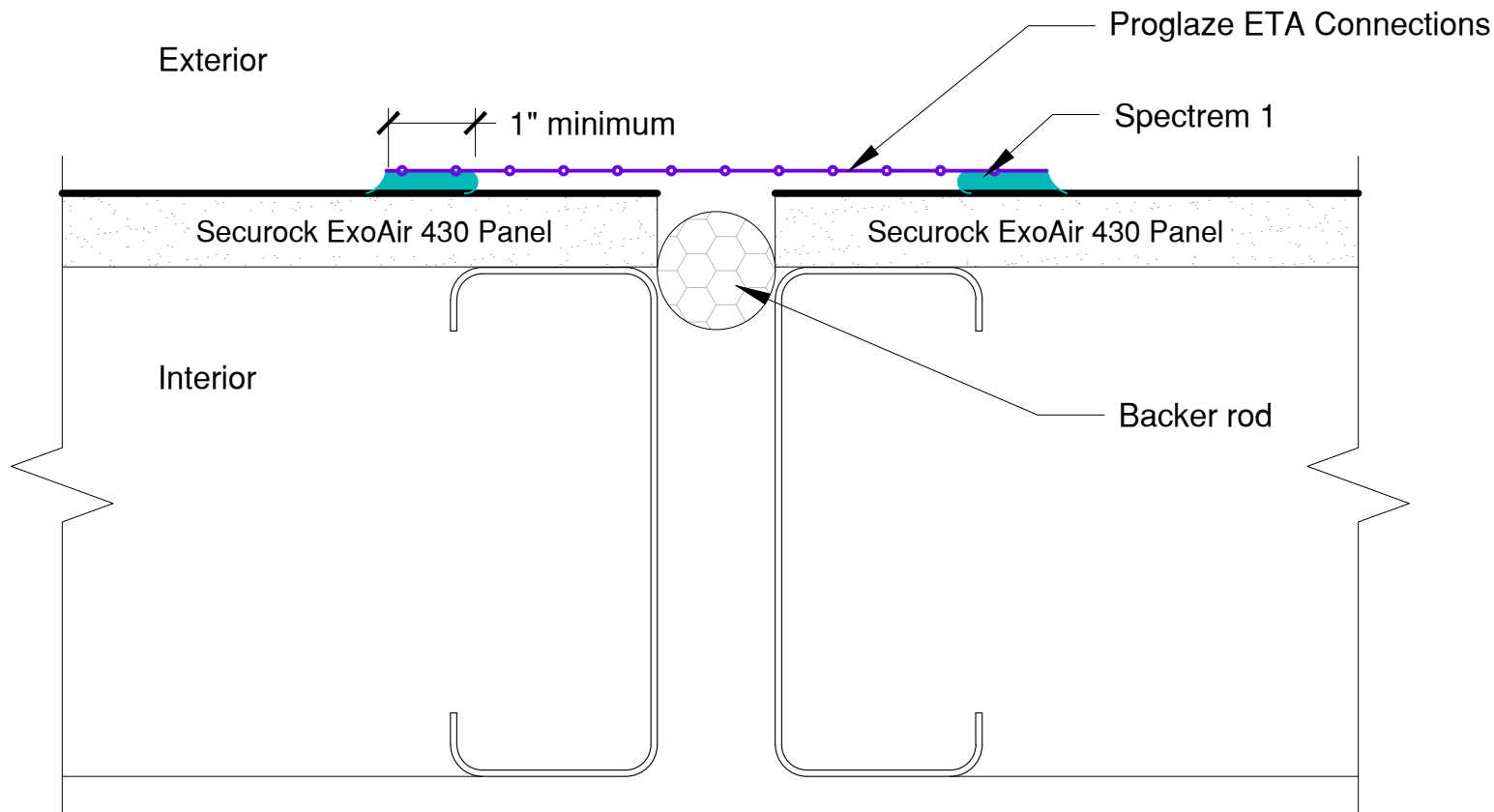
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SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Expansion/Control Joint - Mechanically Fastened Trim - Spectrem Simple Seal
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
19325
 Date: 7/10/2019

Rev #
00



Notes:

- Each edge of the Proglaze ETA Connections set in 1" minimum bead of Spectrem 1 silicone sealant - refer to application instructions for more detail on installation
- Width of Proglaze ETA Connections determined by width of joint/gap and anticipated movement
- 3" Overlap sealed with Spectrem 1 for Proglaze ETA Connections splicing, applied in proper shingle effect
- Should not be used with adhesively attached cladding

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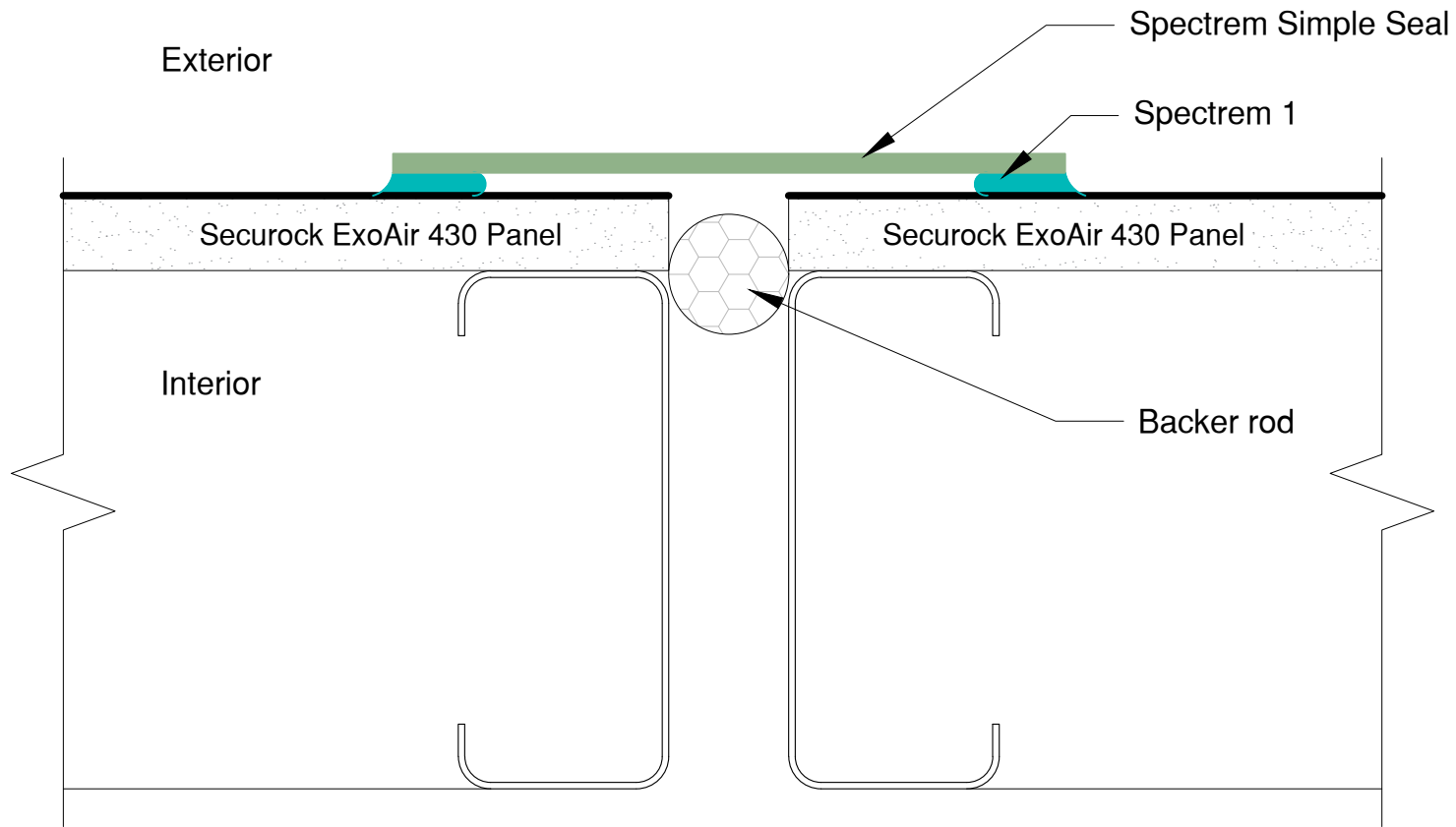
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 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Expansion/Control Joint - Proglaze ETA
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
12888
 Date: 7/10/2019

Rev #
00



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Beachwood, OH 44122

Tremco Technical Support:
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SECUROCK® ExoAir® 430 Panel

Project:
Detail: Expansion/Control Joint - Spectrem Simple Seal

Drawn by: **KAB** | Approved by: **DM** | Scale: NTS

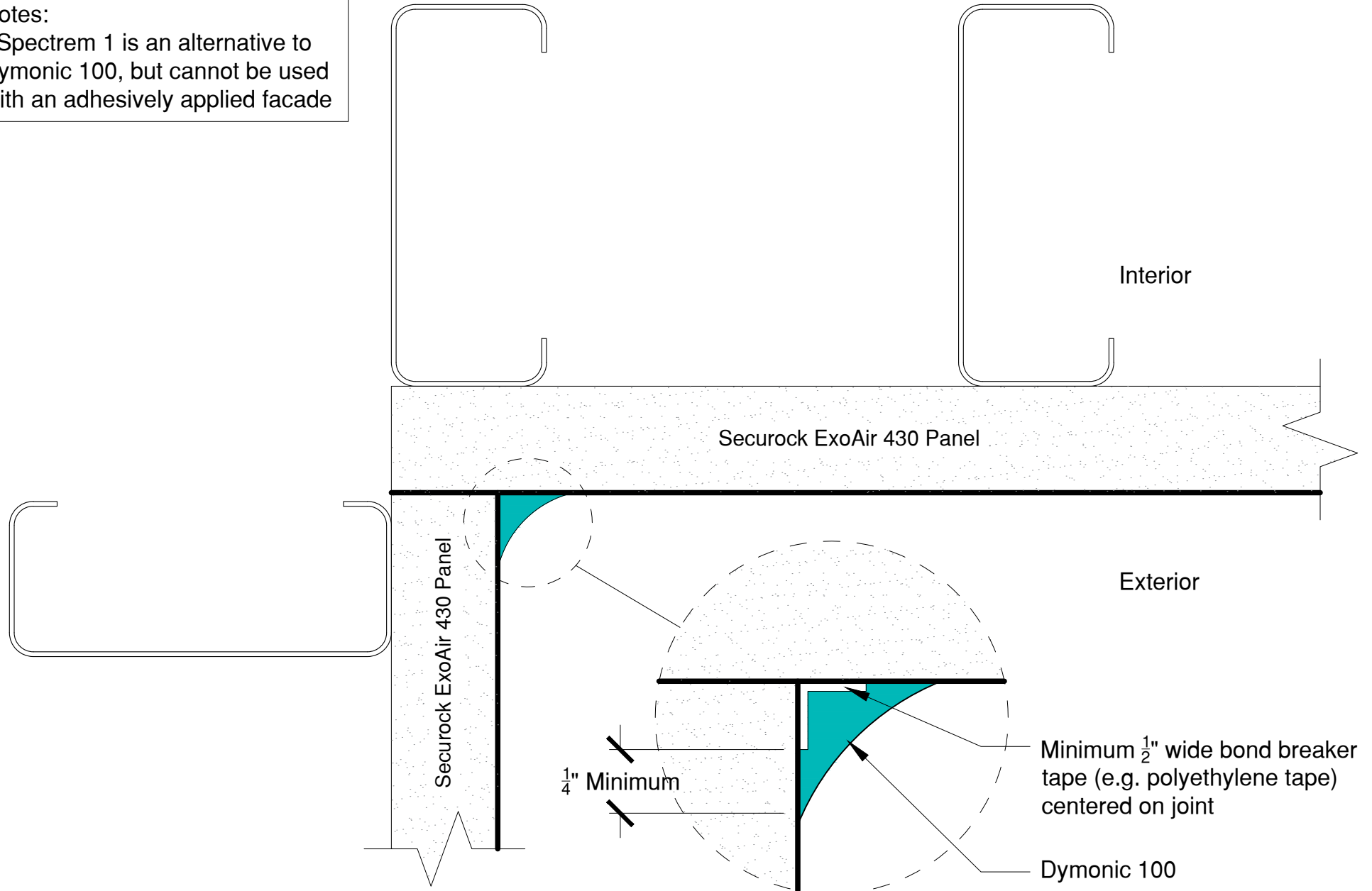
File Name:
19327

Date: 7/10/2019

Rev #
00

Notes:

- Spectrem 1 is an alternative to Dymonic 100, but cannot be used with an adhesively applied facade



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Beachwood, OH 44122

Tremco Technical Support:
866.209.2404

SECUROCK® ExoAir® 430 Panel

Project:
Detail: Inside Corner

Drawn by: **KAB**

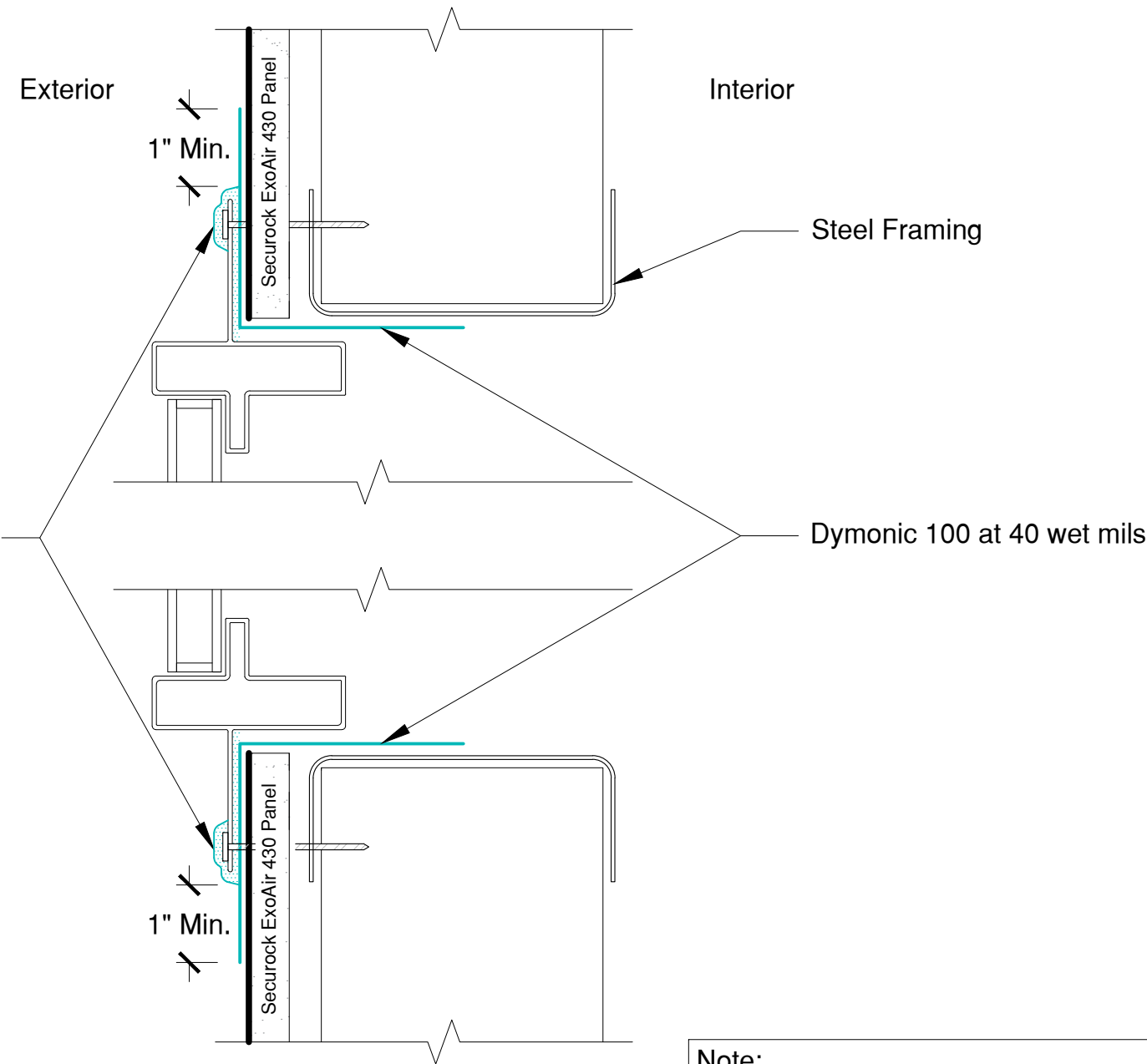
Approved by: **DM**

Scale: NTS

File Name:
12885

Rev #
00

Date: 7/10/2019



Dymonic 100
 (Extends minimum 1" on each side of fastener wrapped over the top of screw, terminated at flange to shed water)

Note:
 - Flashing must be installed 3" minimum into rough opening or past thermal break

See securockexoair.com for the most up-to-date product information

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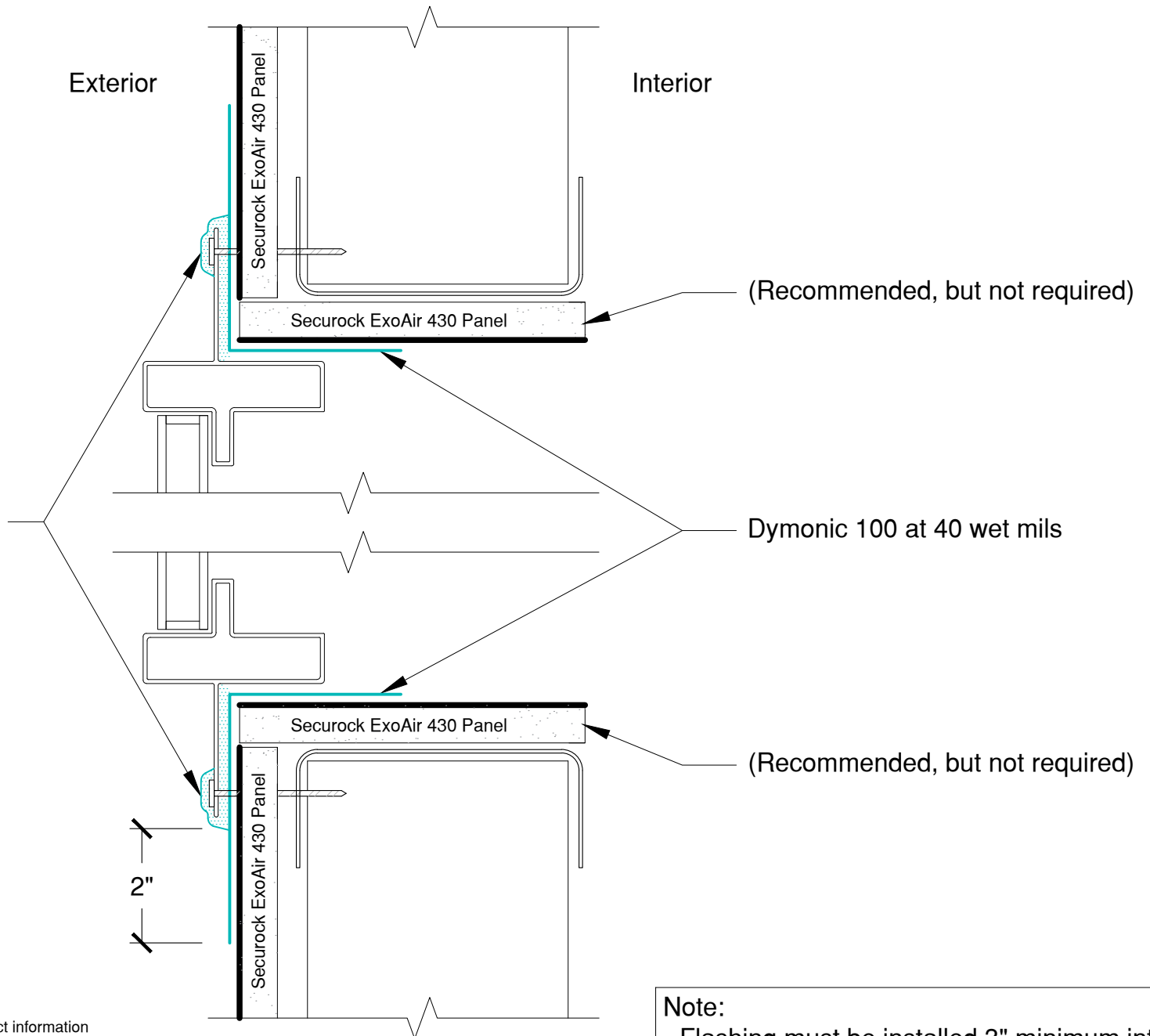
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			Drawn by: KAB	Approved by: DM	Scale: NTS	Date: 7/10/2019	

Exterior

Interior

Dymonic 100
(Extends minimum 1" on each side of fastener wrapped over the top of screw, terminated at flange to shed water)



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Note:
- Flashing must be installed 3" minimum into rough opening or past thermal break



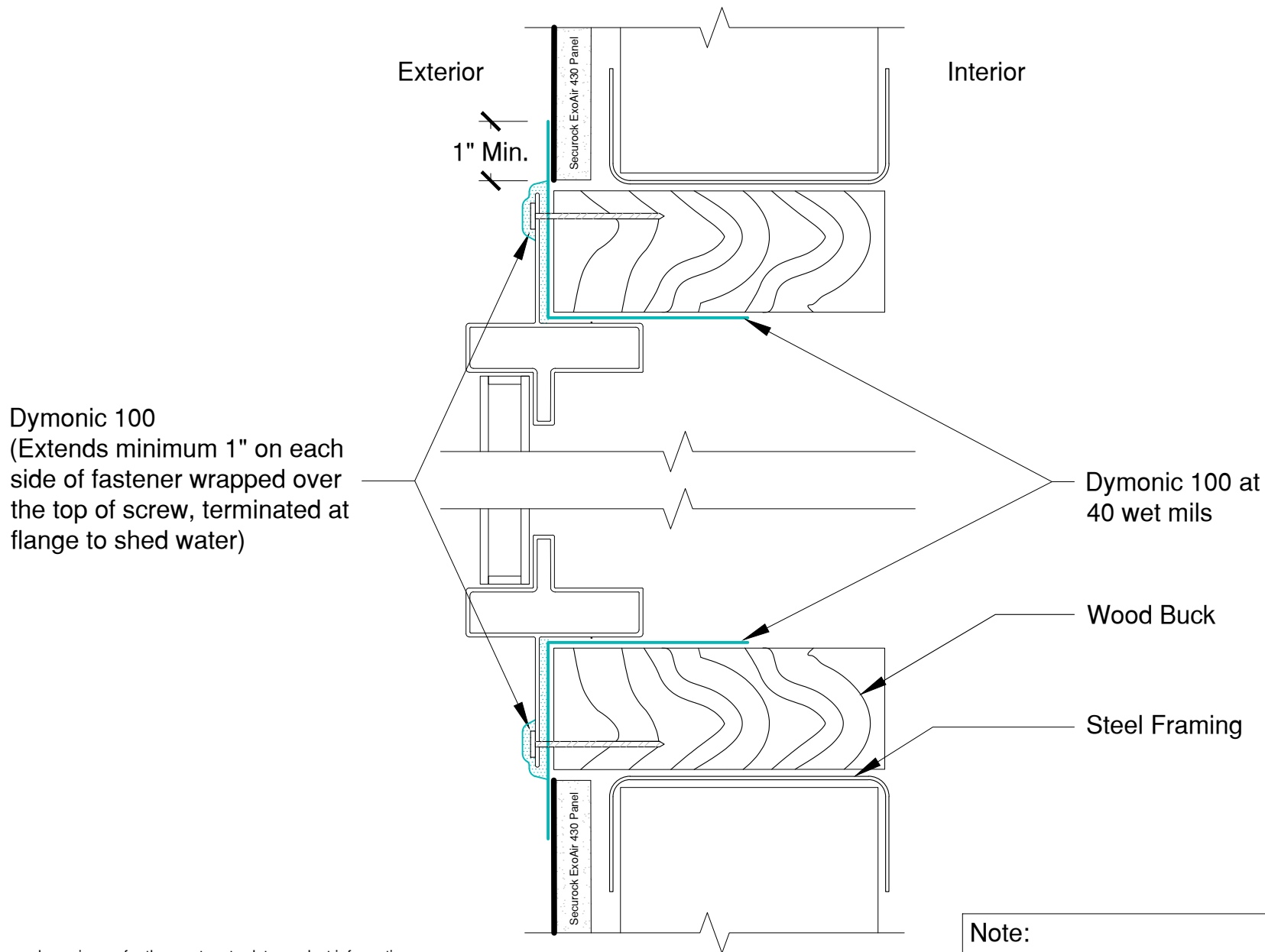
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SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Nail Flange - Dymonic 100 - Panel
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
15843
 Date: 7/10/2019

Rev #
00



Dymonic 100
 (Extends minimum 1" on each side of fastener wrapped over the top of screw, terminated at flange to shed water)

Dymonic 100 at 40 wet mils

Wood Buck

Steel Framing

Note:
 - Flashing must be installed 3" minimum into rough opening or past thermal break

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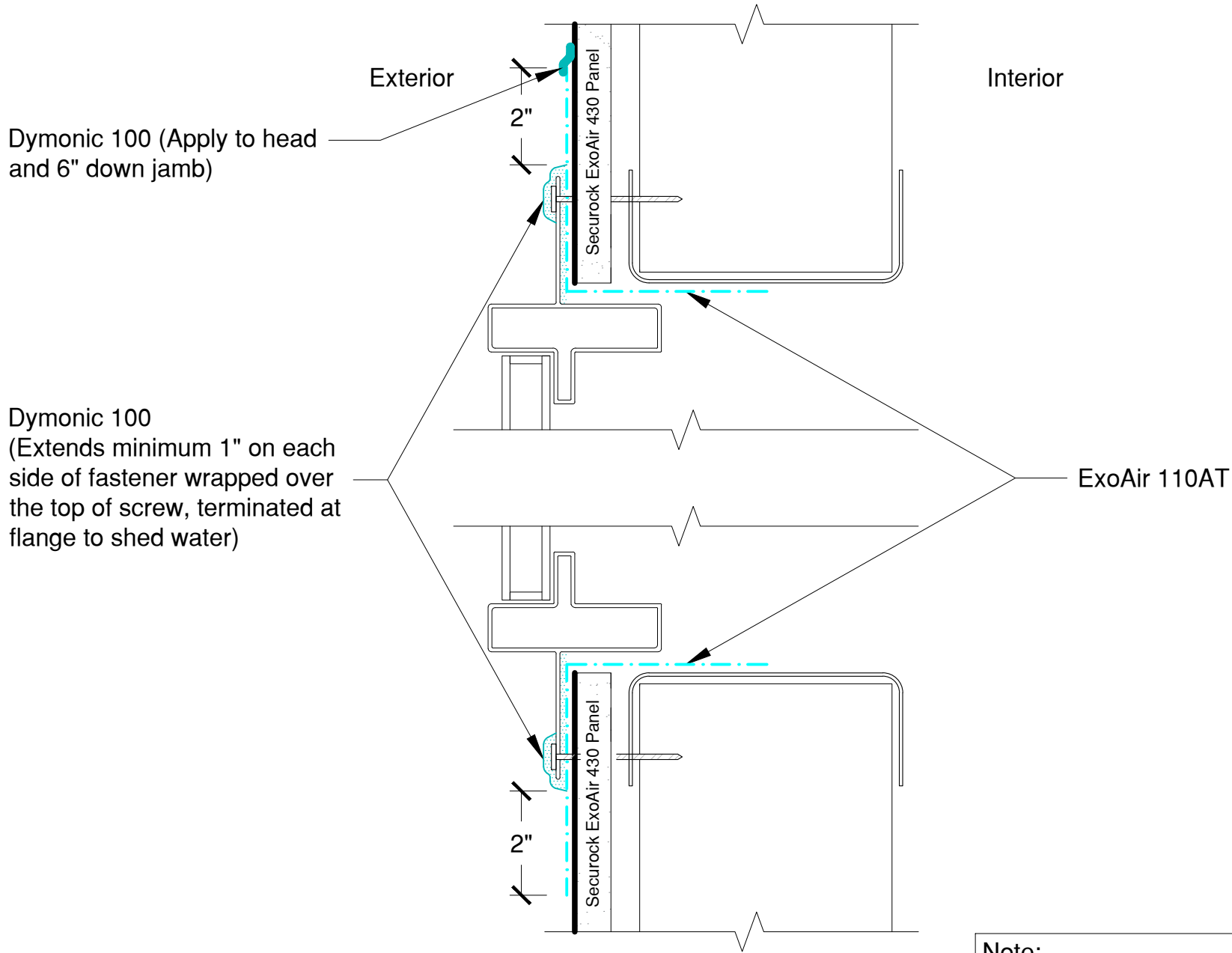
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 Tremco Technical Support:
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SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Nail Flange - Dymonic 100 - Wood Buck
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
14133
 Date: 7/10/2019

Rev #
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Dymonic 100 (Apply to head and 6" down jamb)

Dymonic 100 (Extends minimum 1" on each side of fastener wrapped over the top of screw, terminated at flange to shed water)

ExoAir 110AT

Note:
 - Flashing must be installed 3" minimum into rough opening or past thermal break

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 Tremco Technical Support:
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SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Nail Flange - ExoAir 110AT - Framing
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
15842
 Date: 7/10/2019

Rev #
00

Dymonic 100 (Apply to head and 6" down jamb)

Dymonic 100 (Extends minimum 1" on each side of fastener wrapped over the top of screw, terminated at flange to shed water)

Exterior

Interior

Securock ExoAir 430 Panel

Securock ExoAir 430 Panel

(Recommended, but not required)

ExoAir 110AT

Securock ExoAir 430 Panel

(Recommended, but not required)

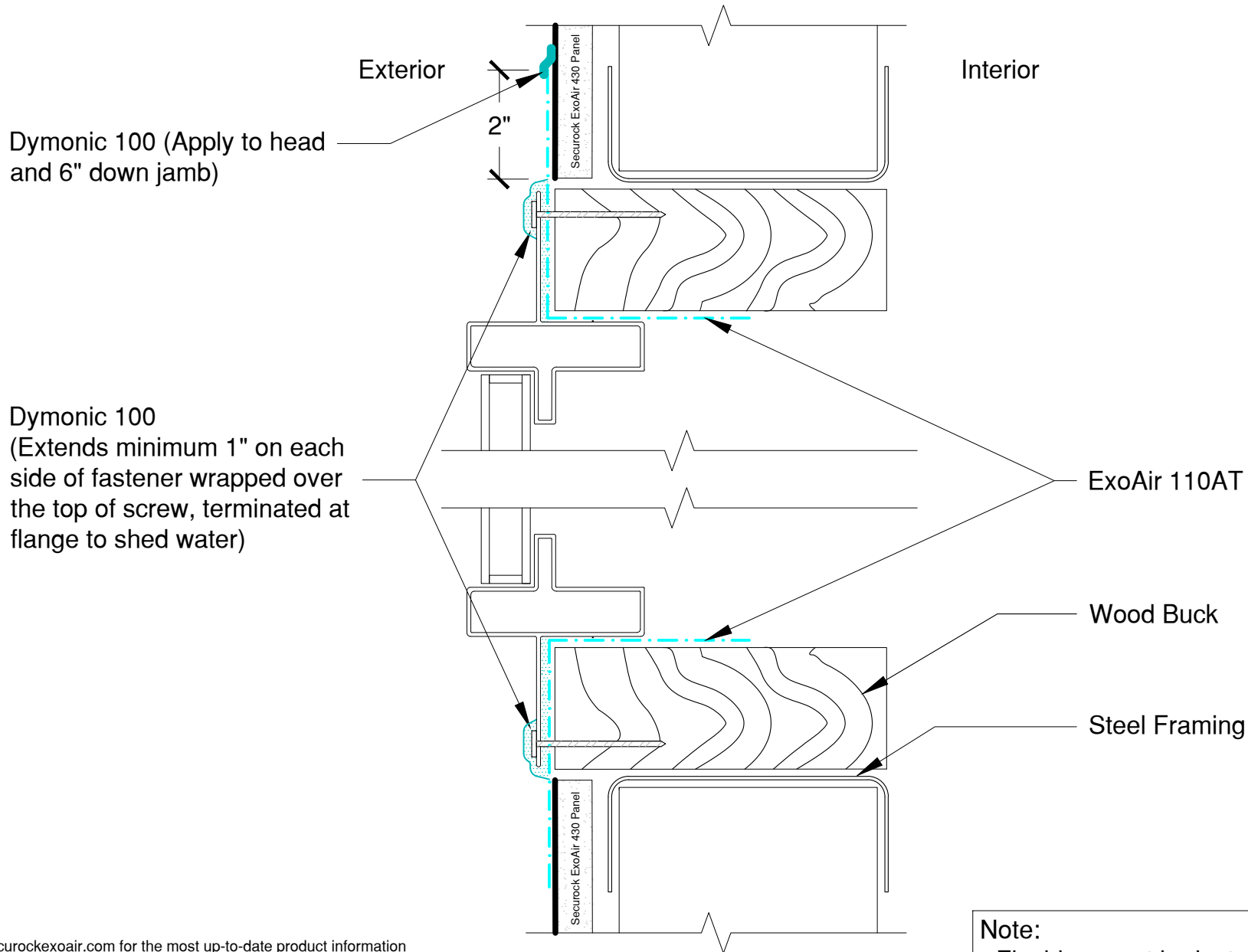
2"

Note:
- Flashing must be installed 3" minimum into rough opening or past thermal break

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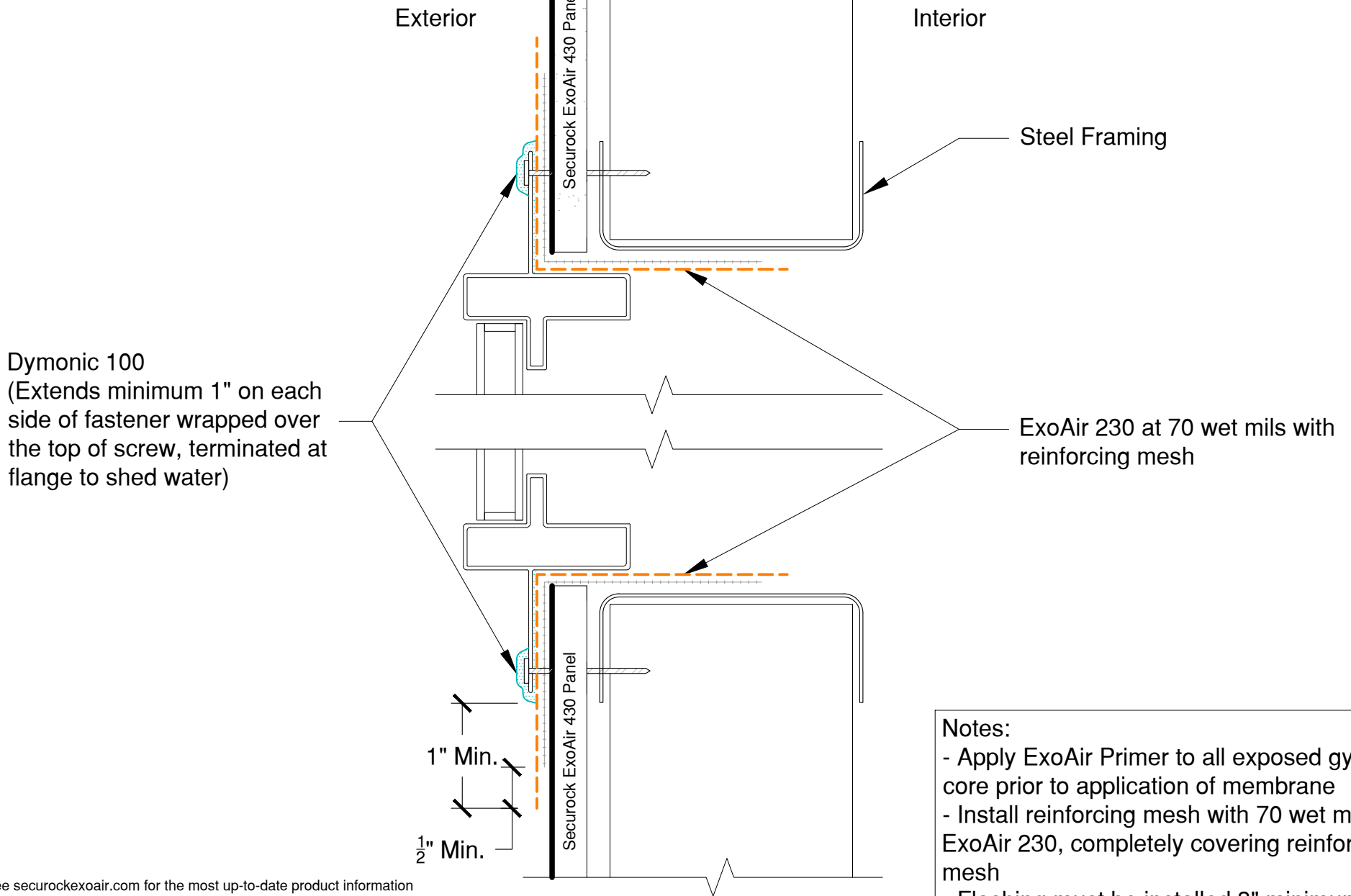


Note:
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Notes:

- Apply ExoAir Primer to all exposed gypsum core prior to application of membrane
- Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh
- Flashing must be installed 3" minimum into rough opening or past thermal break



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SECUROCK® ExoAir® 430 Panel

Project:
Detail: Nail Flange - ExoAir 230 - Framing

Drawn by: KAB

Approved by: DM

Scale: NTS

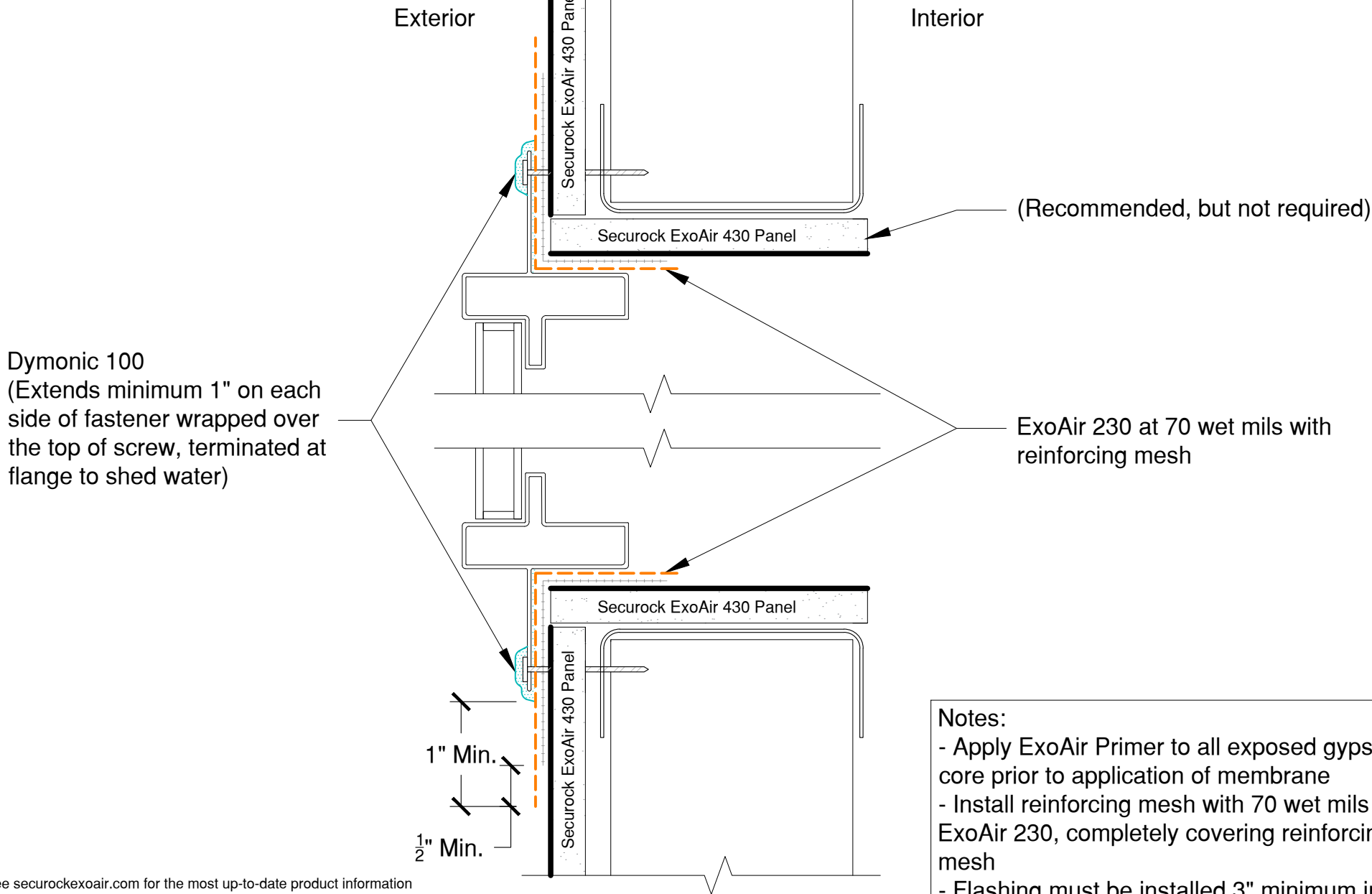
File Name:

15846

Rev #

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Date: 7/11/2019



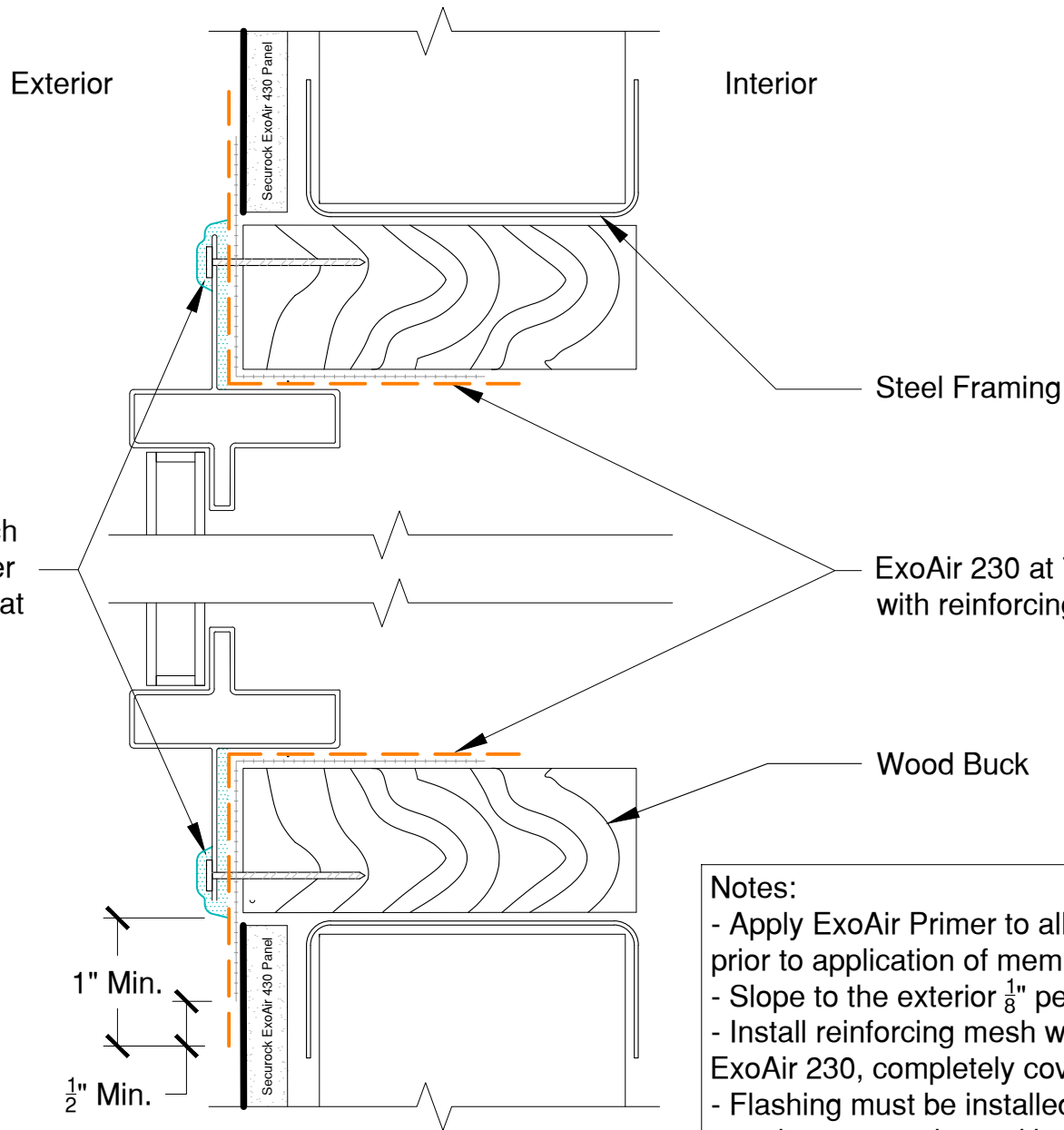
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Notes:

- Apply ExoAir Primer to all exposed gypsum core prior to application of membrane
- Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh
- Flashing must be installed 3" minimum into rough opening or past thermal break



Dymonic 100
 (Extends minimum 1" on each side of fastener wrapped over the top of screw, terminated at flange to shed water)

Steel Framing

ExoAir 230 at 70 wet mils with reinforcing mesh

Wood Buck

1" Min.

1/2" Min.

Notes:

- Apply ExoAir Primer to all exposed gypsum core prior to application of membrane
- Slope to the exterior $\frac{1}{8}$ " per 12"
- Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh
- Flashing must be installed 3" minimum into rough opening or past thermal break
- Gaps in excess of $\frac{1}{8}$ " must be detailed with Dymonic 100

See seurockexoair.com for the most up-to-date product information

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 550 West Adams Street
 Chicago, IL 60661
 USG Technical & Customer Support:
 800.USG.4YOU (874-4968)

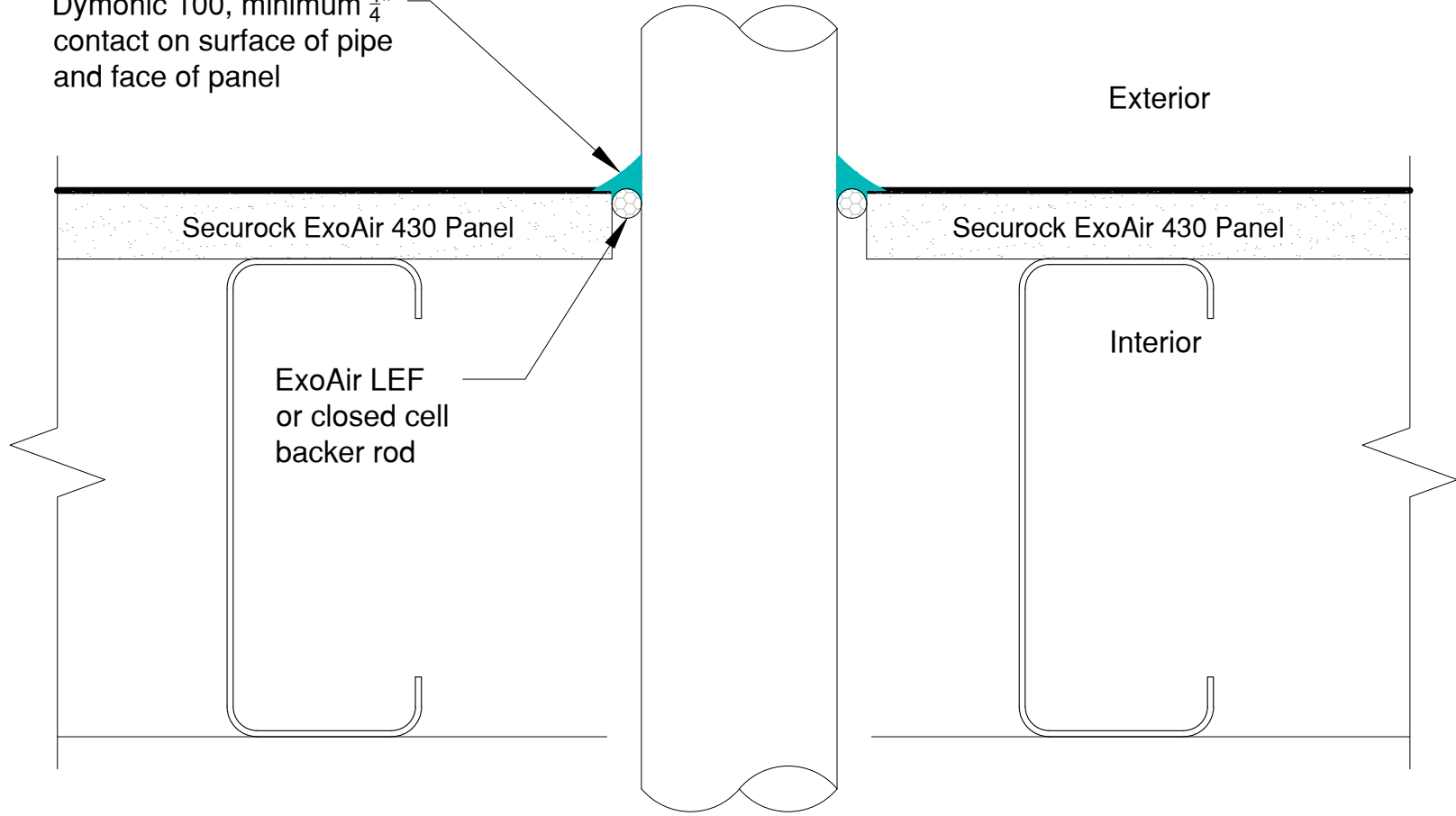
Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Nail Flange - ExoAir 230 - Wood Buck
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
13686
 Date: 7/10/2019

Rev #
00

Dymonic 100, minimum $\frac{1}{4}$ "
contact on surface of pipe
and face of panel



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Notes:
 - Spectrem 1 is an alternate to Dymonic 100, but can not be used with an adhesively applied cladding
 - No backing required at conditions with 0 - $\frac{1}{4}$ " of annular space



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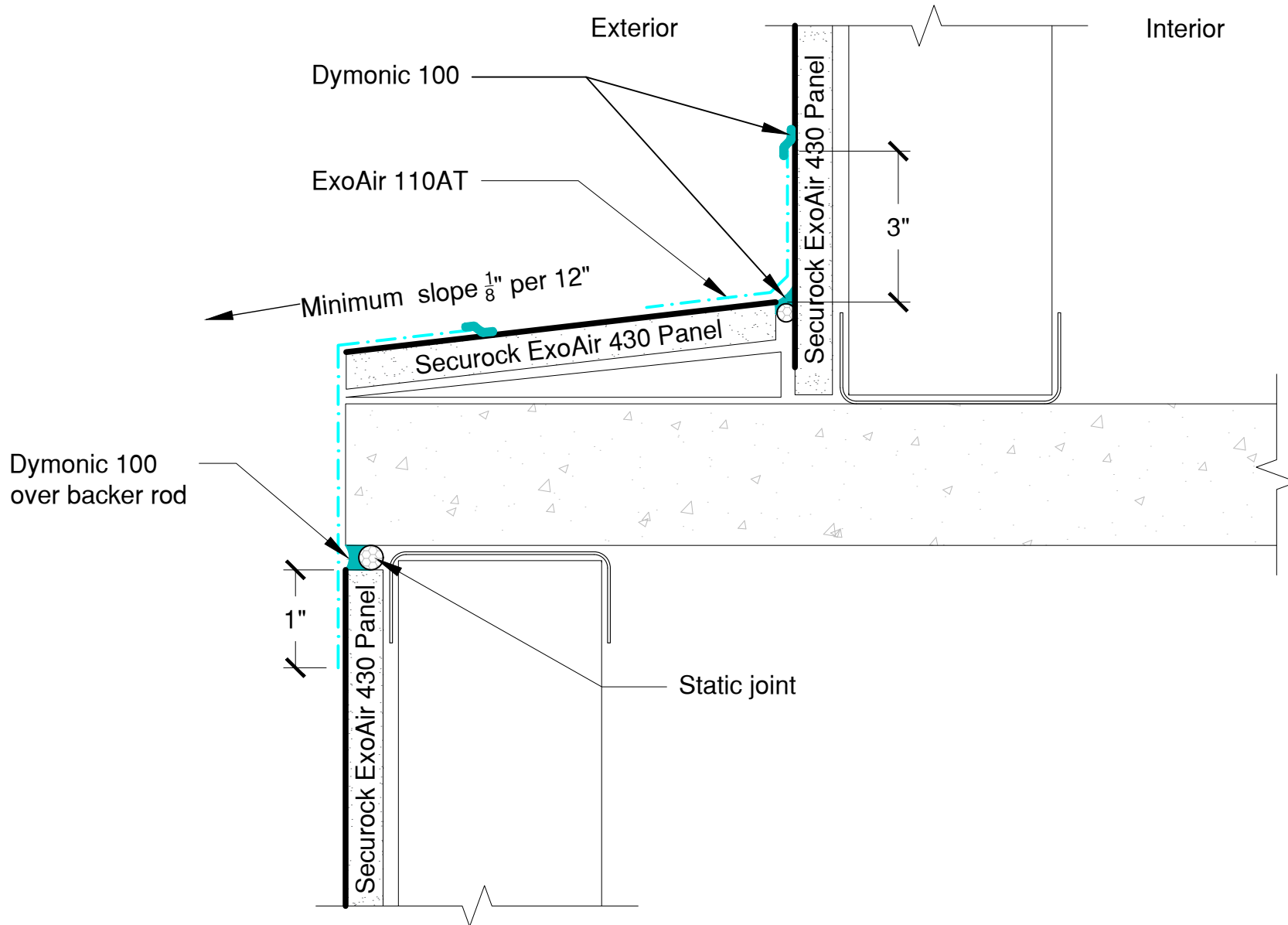
Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: **Non-Rated Wall Penetration**
 Drawn by: **KAB** Approved by: **DM**

Scale: **NTS**

File Name:
12887
 Date: **7/10/2019**

Rev #
00



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NOTES:
- Slope to the exterior $\frac{1}{8}$ " per 12"



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3735 Green Road
Beachwood, OH 44122

Tremco Technical Support:
866.209.2404

SECUROCK® ExoAir® 430 Panel

Project:
Detail: Offset Application with ExoAir 110AT

Drawn by: KAB

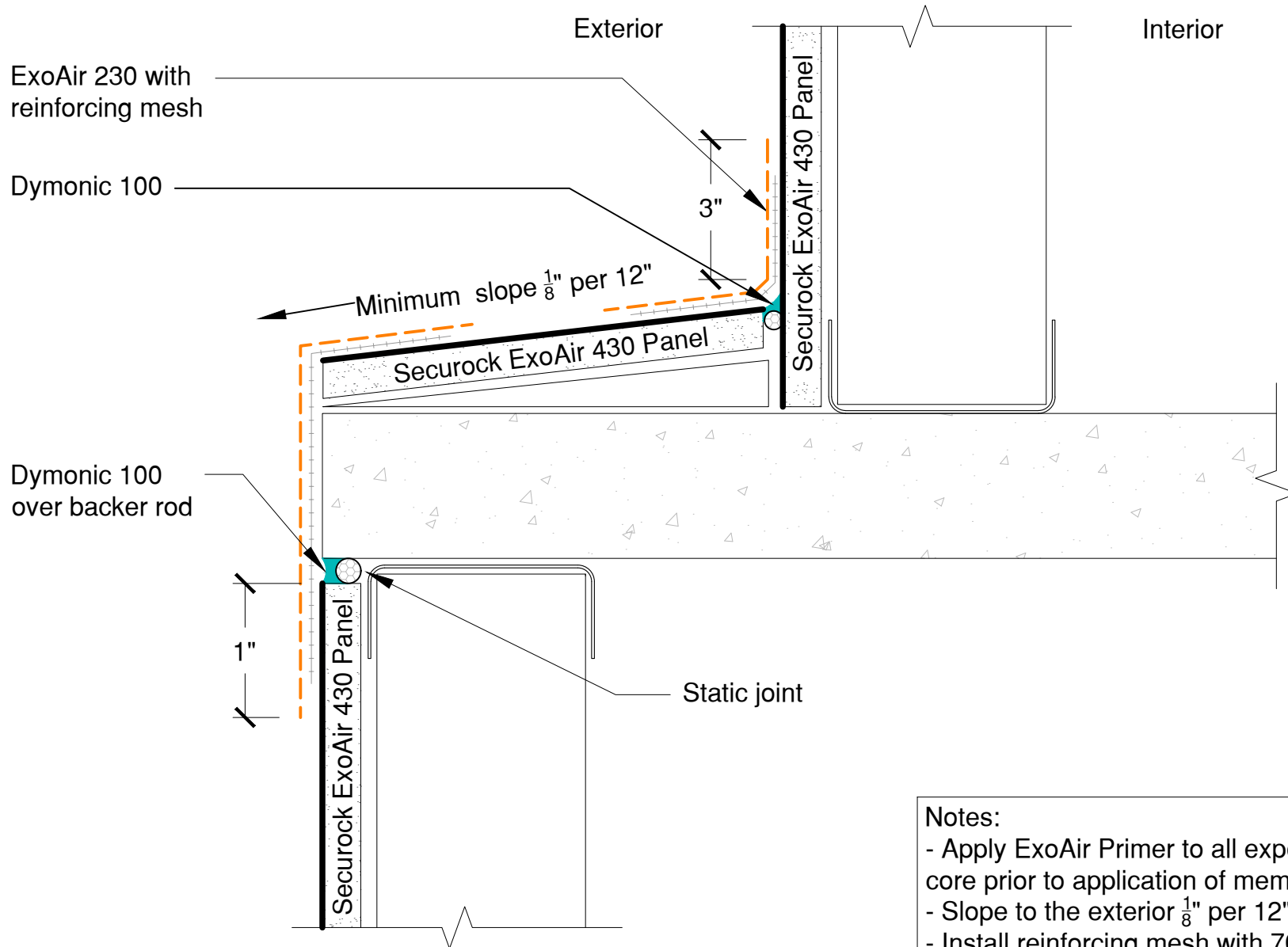
Approved by: DM

Scale: NTS

File Name:
18707

Rev #
00

Date: 7/10/2019



Notes:

- Apply ExoAir Primer to all exposed gypsum core prior to application of membrane
- Slope to the exterior $\frac{1}{8}$ " per 12"
- Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh

See securockexoair.com for the most up-to-date product information

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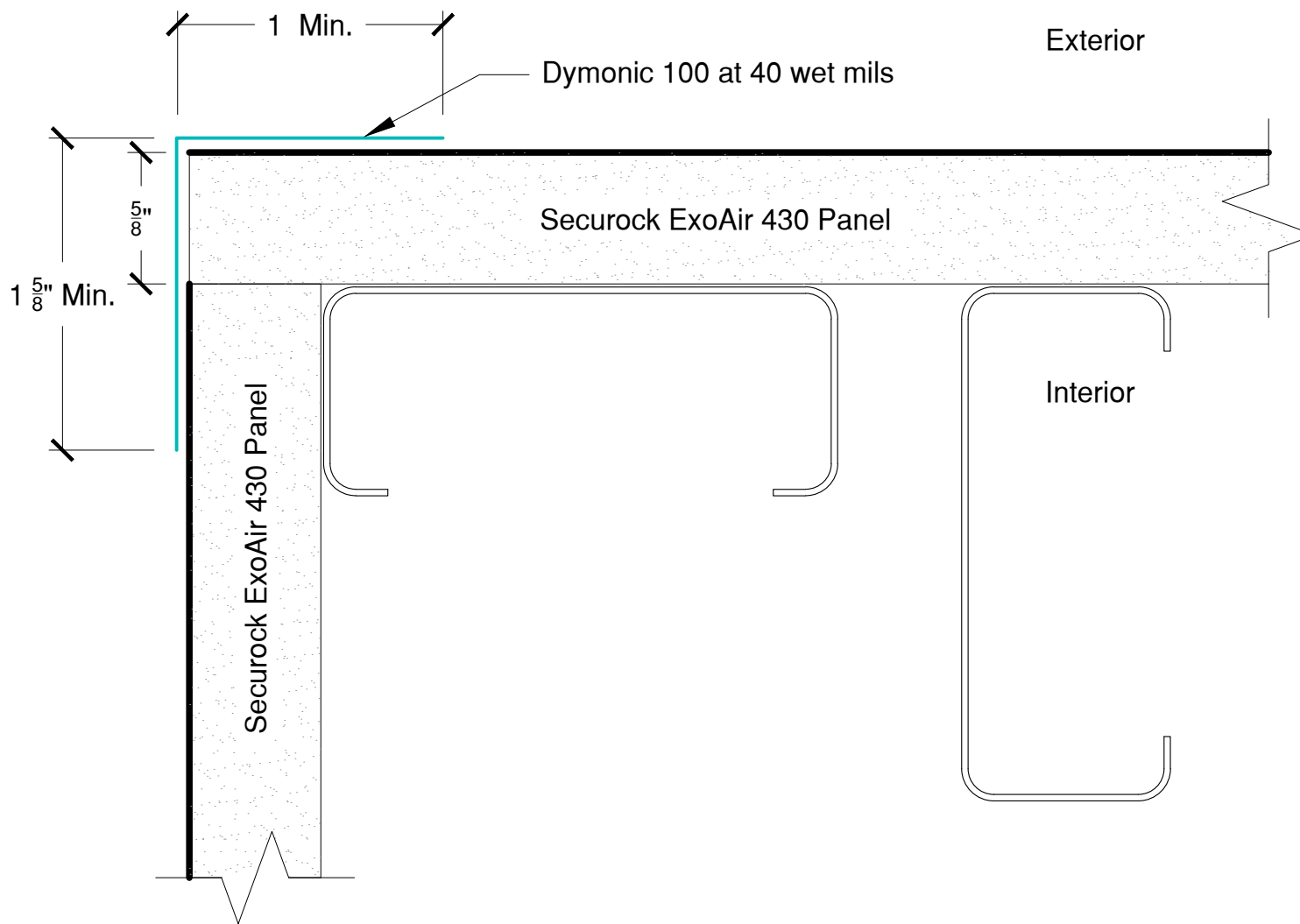
Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Offset Application - ExoAir 230
 Drawn by: KAB Approved by: DM

Scale: NTS

File Name:
12789
 Date: 7/10/2019

Rev #
00



Notes:
 - Spectrem 1 is an alternative to Dymonic 100, but can not be used with an adhesively applied cladding

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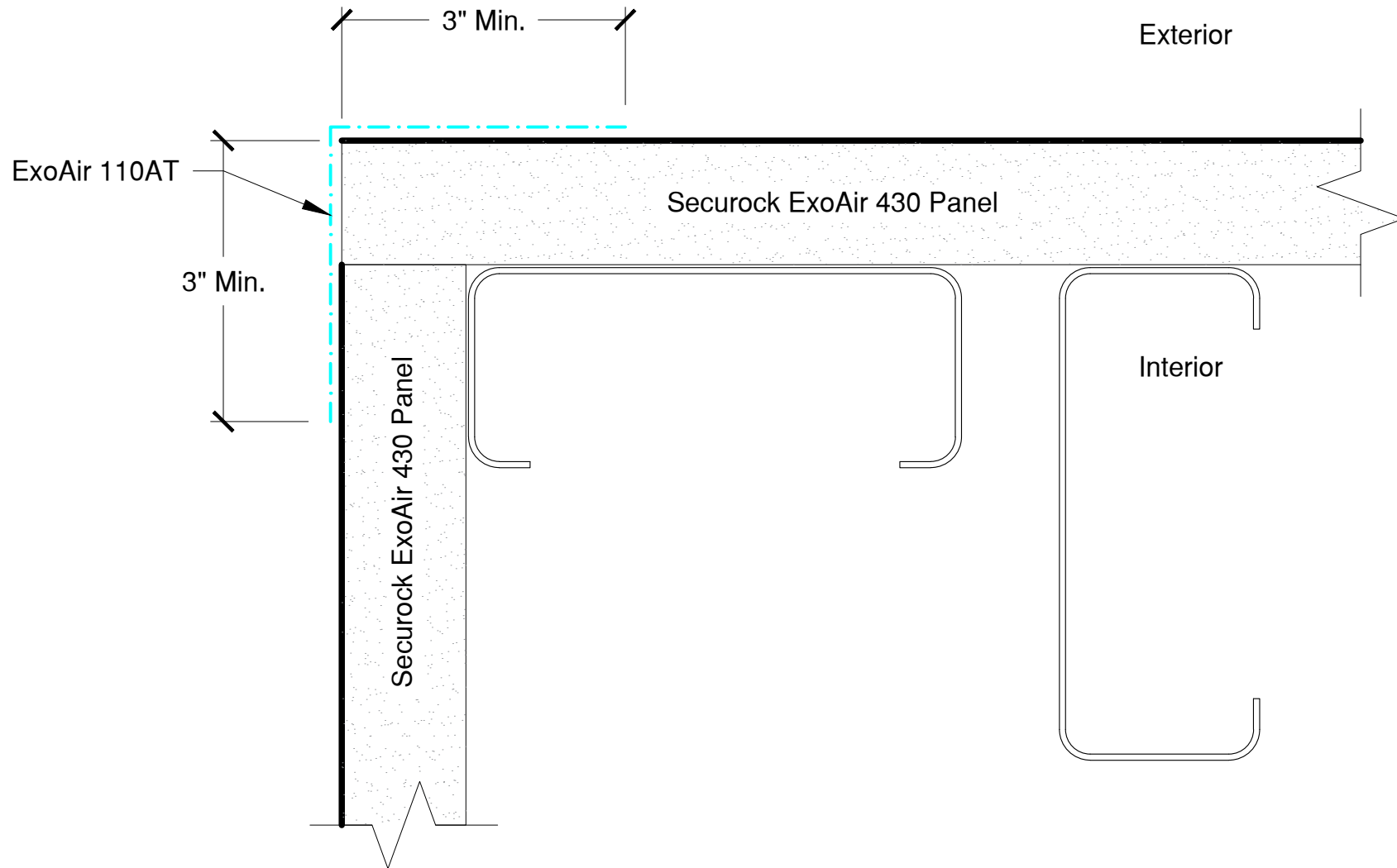
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 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Outside Corner - Dymonic 100
 Drawn by: KAB Approved by: DM Scale: NTS

File Name:
14115
 Date: 7/10/2019

Rev #
00



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3735 Green Road
Beachwood, OH 44122

Tremco Technical Support:
866.209.2404

SECUROCK® ExoAir® 430 Panel

Project:
Detail: Outside Corner - ExoAir 110AT

Drawn by: KAB

Approved by: DM

Scale: NTS

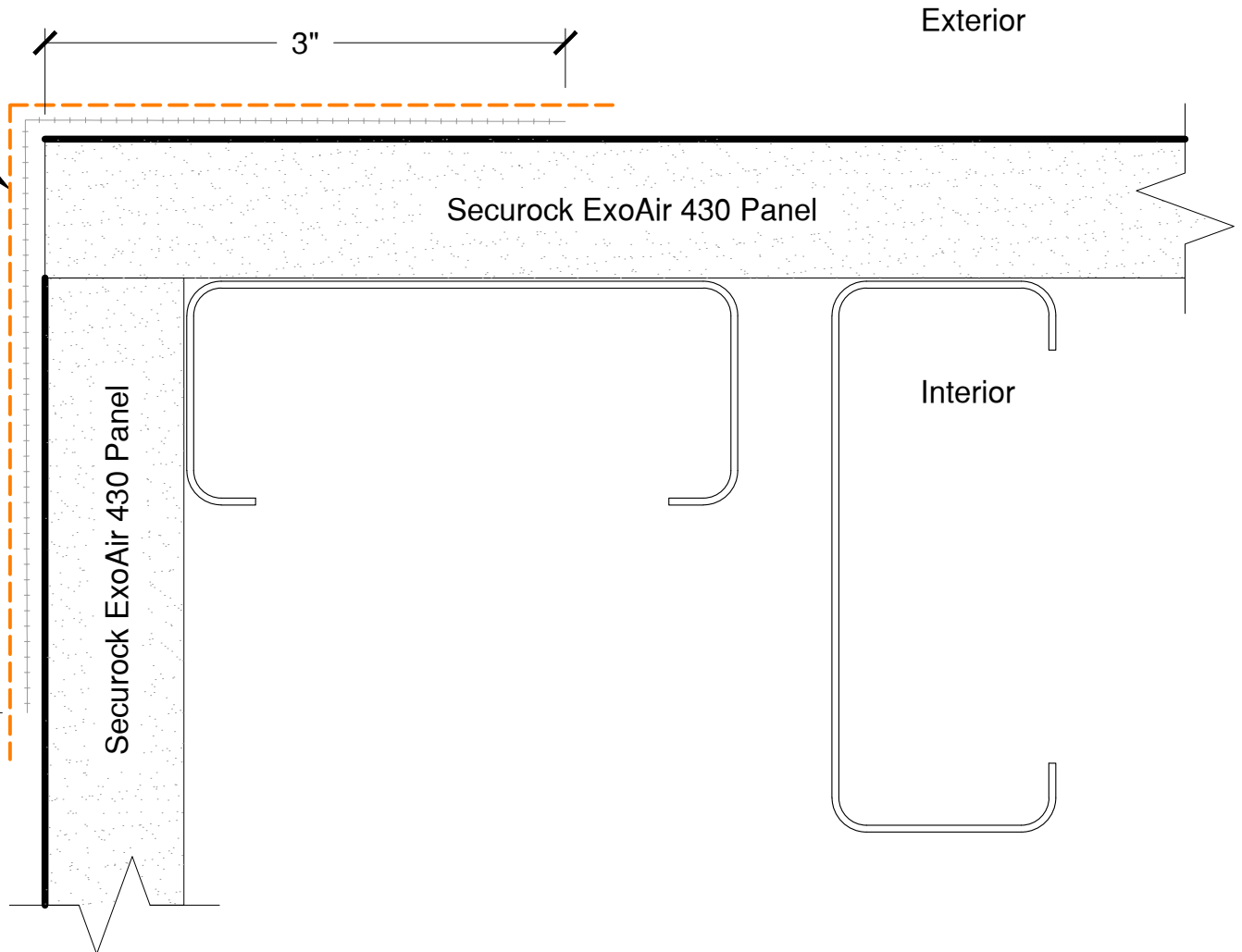
File Name:
15838

Rev #
00

Date: 7/10/2019

ExoAir 230 at 50 wet mils
with reinforcing mesh

1/2" Min.
overlap of
ExoAir 230



Notes:
 - Minimum 3 1/2" overlap required for all dissimilar materials and/or change in plane
 - Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh

See securockexoair.com for the most up-to-date product information

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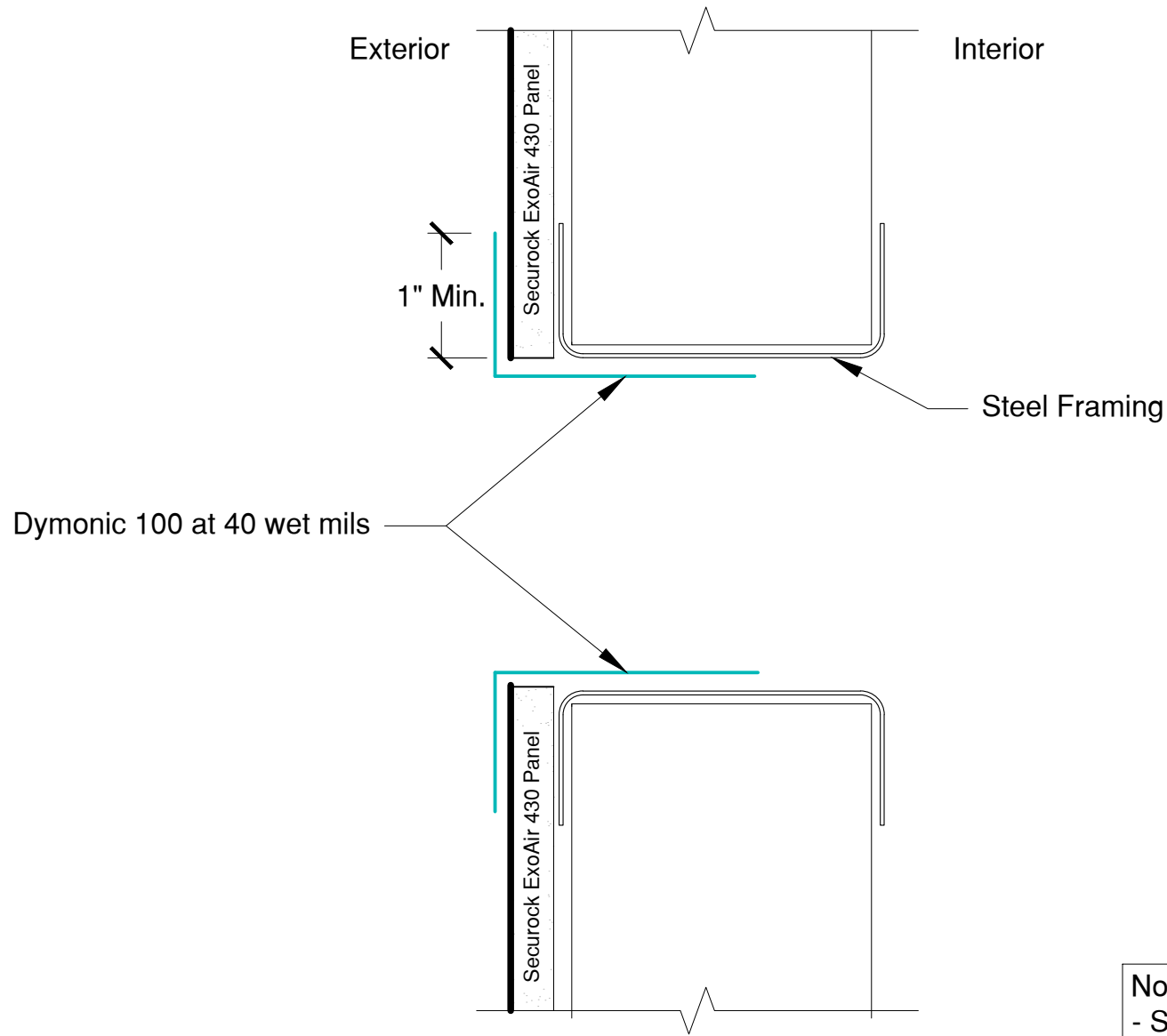
Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Outside Corner - ExoAir 230
 Drawn by: **KAB** Approved by: **DM**

Scale: **NTS**

File Name:
12886
 Date: **7/10/2019**

Rev #
00



Notes:

- Slope to the exterior $\frac{1}{8}$ " per 12"
- Flashing must be installed 3" minimum into rough opening or past thermal break

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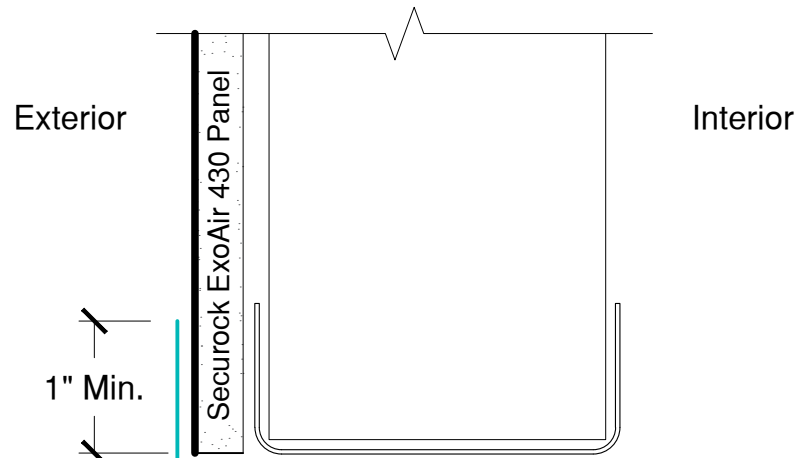
United States Gypsum Company
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 Chicago, IL 60661
 USG Technical & Customer Support:
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Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Rough Opening - Dymonic 100 - Framing
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
15839
 Date: 7/10/2019

Rev #
00



Dymonic 100 at 40 wet mils

(Recommended, but not required)

Securock ExoAir 430 Panel

Securock ExoAir 430 Panel

Securock ExoAir 430 Panel

Notes:
 - Slope to the exterior $\frac{1}{8}$ " per 12"
 - Flashing must be installed 3" minimum into rough opening or past thermal break

See securockexoair.com for the most up-to-date product information

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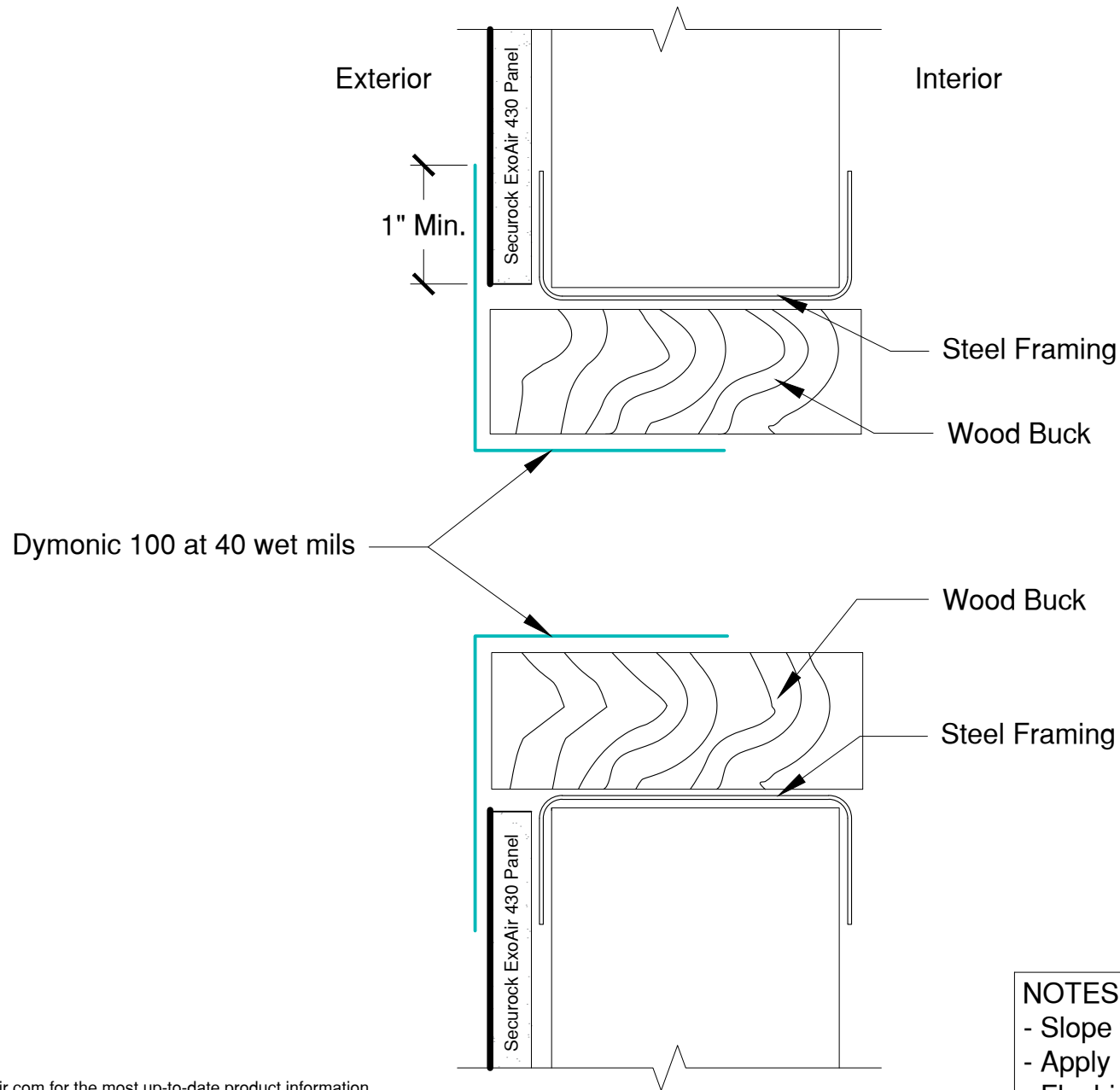
United States Gypsum Company
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Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Rough Opening - Dymonic 100 - Panel
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
14135
 Date: 7/10/2019

Rev #
00



NOTES:

- Slope to the exterior $\frac{1}{8}$ " per 12"
- Apply Dymonic 100 at 40 wet mils
- Flashing must be installed 3" minimum into rough opening or past thermal break

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 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel

Project:
 Detail: Rough Opening - Dymonic 100 - Wood Buck

Drawn by: **KAB**

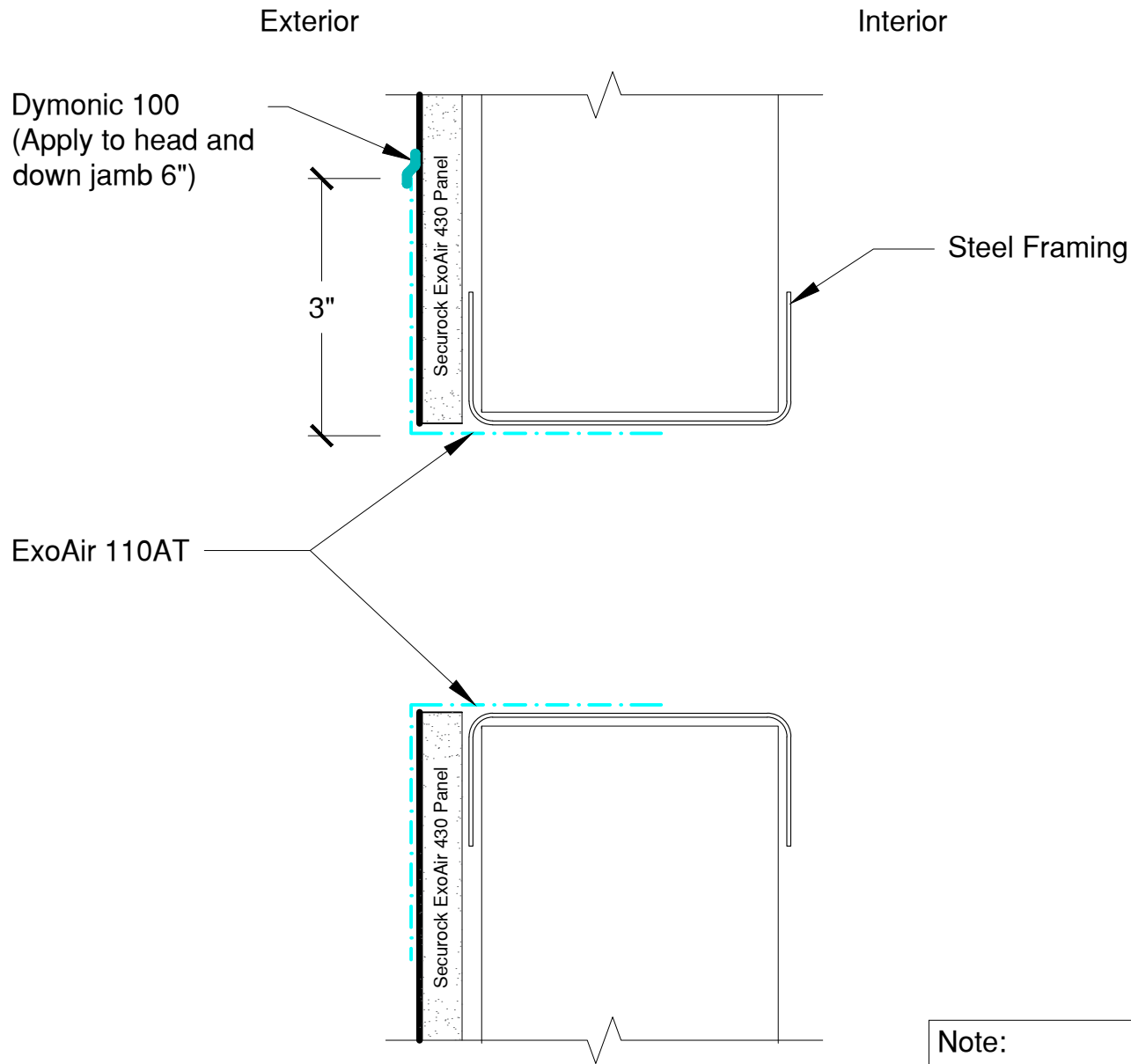
Approved by: **DM**

Scale: NTS

File Name:
14113

Rev #
00

Date: 7/10/2019



Note:
 - Slope to the exterior $\frac{1}{8}$ " per 12"
 - Flashing must be installed 3" minimum into rough opening or past thermal break

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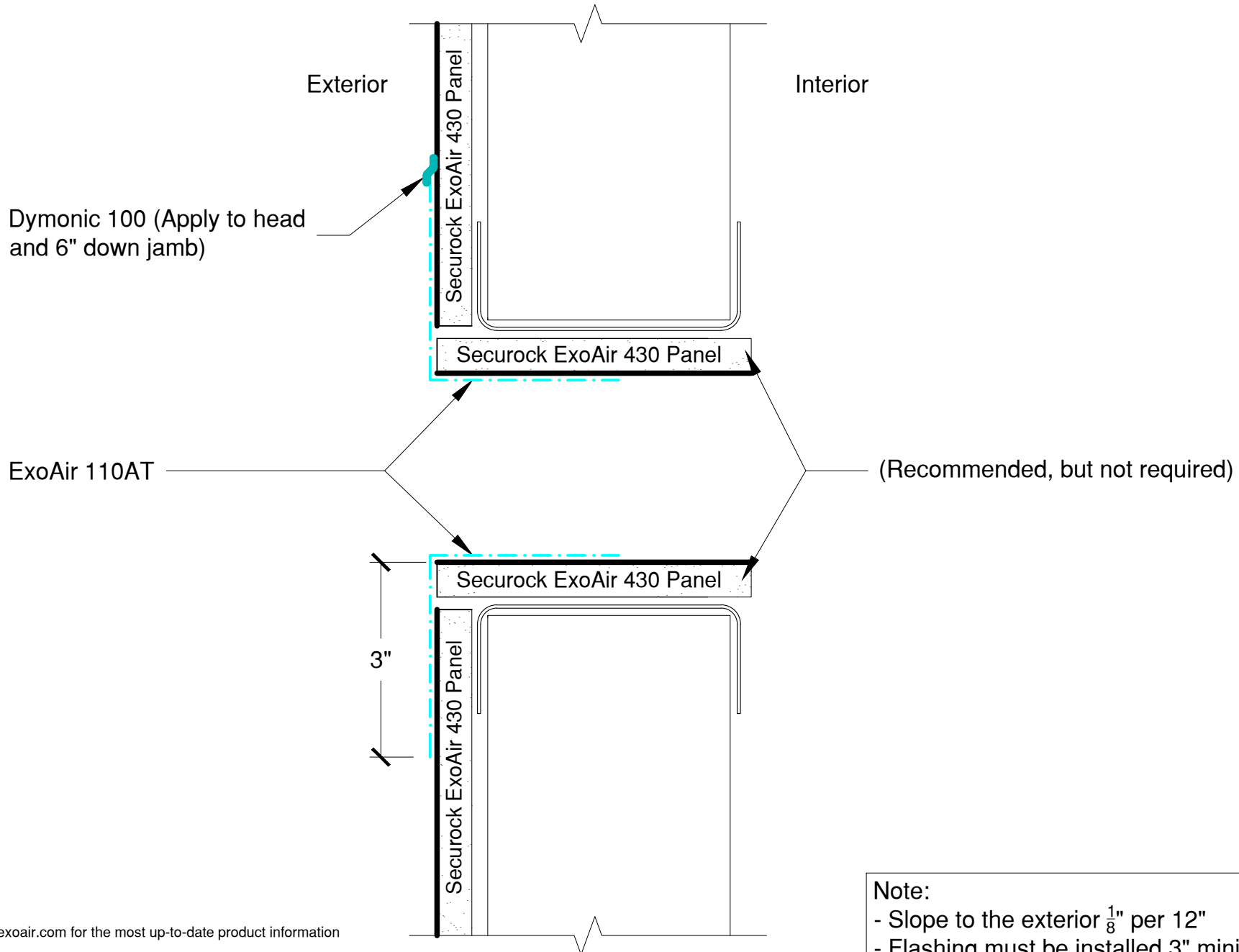
United States Gypsum Company
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Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Rough Opening - ExoAir 110AT - Framing
 Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
15840
 Date: 7/10/2019

Rev #
00



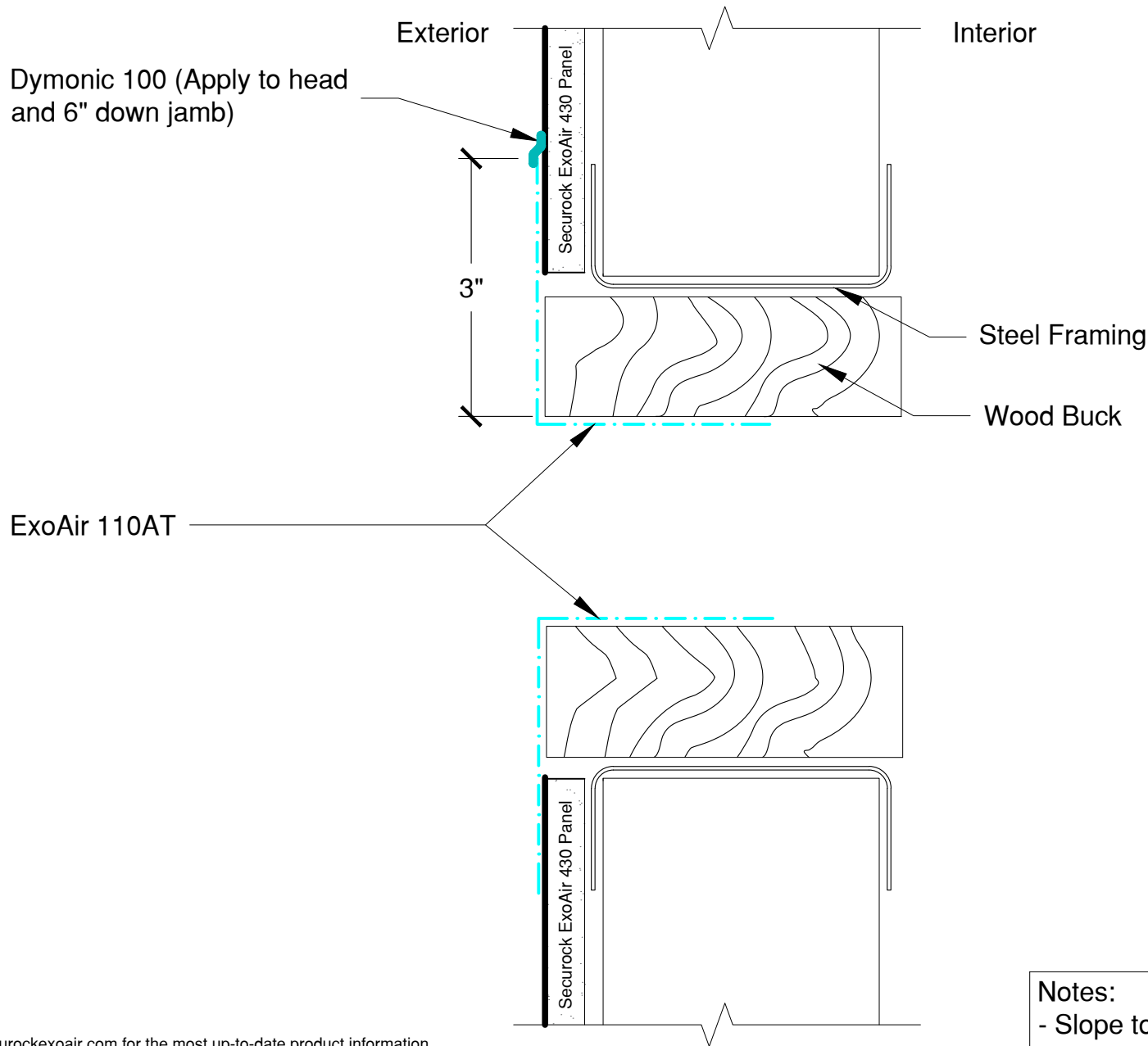
See securockexoair.com for the most up-to-date product information

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Note:
 - Slope to the exterior $\frac{1}{8}$ " per 12"
 - Flashing must be installed 3" minimum into rough opening or past thermal break

 SECUROCK® EXOAIR® 430 www.securockexoair.com	United States Gypsum Company 550 West Adams Street Chicago, IL 60661 USG Technical & Customer Support: 800.USG.4YOU (874-4968)	Tremco Commercial Sealants & Waterproofing 3735 Green Road Beachwood, OH 44122 Tremco Technical Support: 866.209.2404	SECUROCK® ExoAir® 430 Panel Project: Detail: Rough Opening - ExoAir 110AT - Panel		File Name: 13010	Rev # 00
	Drawn by: KAB	Approved by: DM	Scale: NTS	Date: 7/10/2019		



Notes:

- Slope to the exterior $\frac{1}{8}$ " per 12"
- Flashing must be installed 3" minimum into rough opening or past thermal break

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 3735 Green Road
 Beachwood, OH 44122

Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel

Project:
 Detail: Rough Opening - ExoAir 110AT - Wood Buck

Drawn by: **KAB**

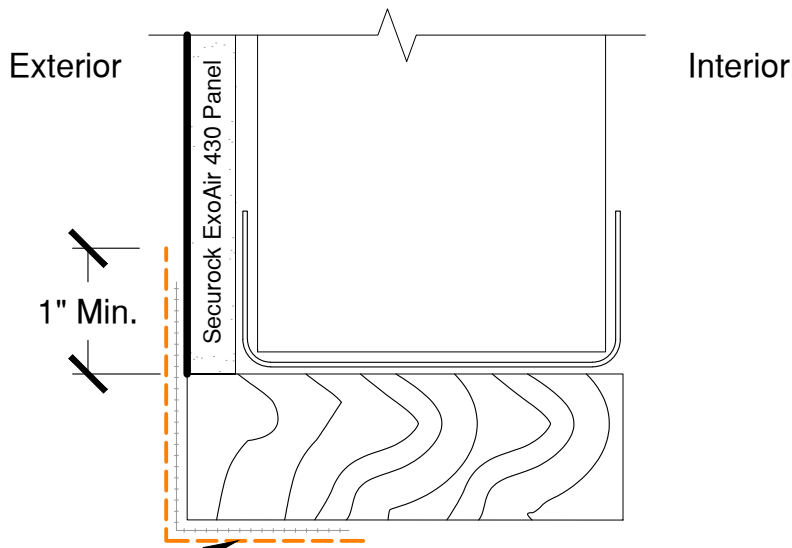
Approved by: **DM**

Scale: NTS

File Name:
13683

Rev #
00

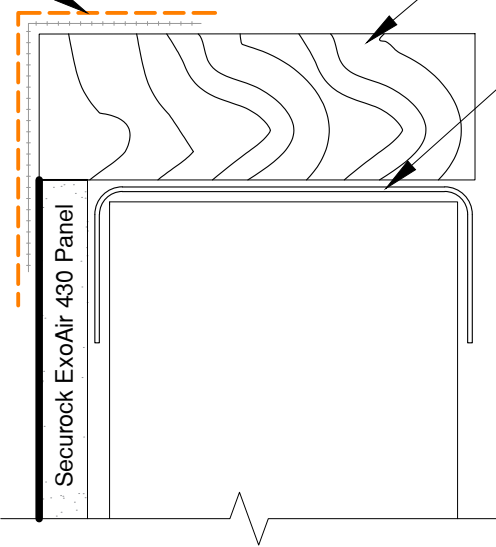
Date: 7/11/2019



ExoAir 230 at 70 wet mils with reinforcing mesh

Wood Buck

Steel Framing

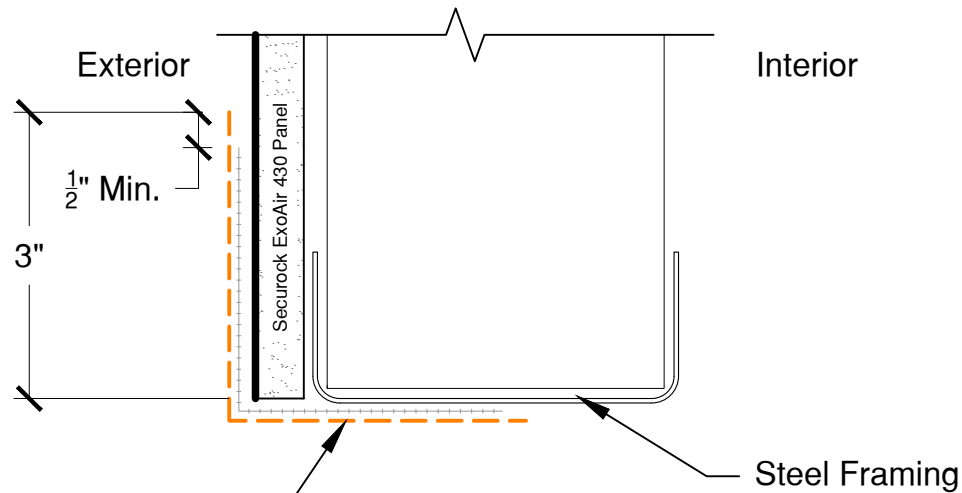


- Notes:**
- Apply ExoAir Primer to all exposed gypsum core prior to application of membrane
 - Slope to the exterior $\frac{1}{8}$ " per 12"
 - Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh
 - Flashing must be installed 3" minimum into rough opening or past thermal break
 - Gaps in excess of $\frac{1}{8}$ " must be detailed with Dymonic 100

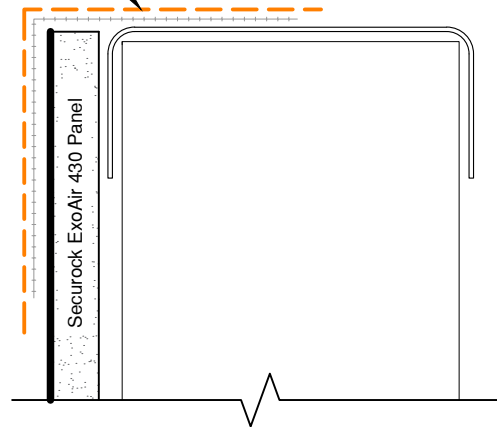
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ExoAir 230 at 70 wet mils with reinforcing mesh



- Notes:**
- Apply ExoAir Primer to all exposed gypsum core prior to application of membrane
 - Slope to the exterior $\frac{1}{8}$ " per 12"
 - Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh
 - Flashing must be installed 3" minimum into rough opening or past thermal break

See securockexoair.com for the most up-to-date product information

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 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel

Project:
 Detail: Rough Opening - ExoAir 230 - Framing

Drawn by: KAB

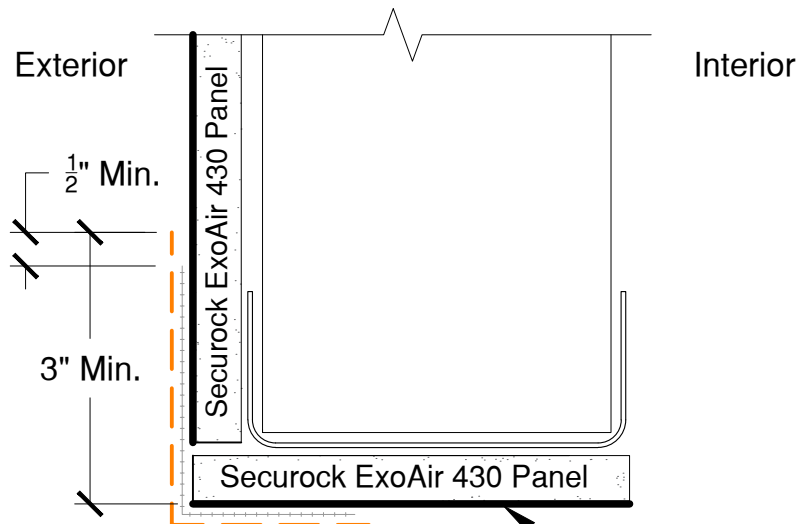
Approved by: DM

Scale: NTS

File Name:
 15841

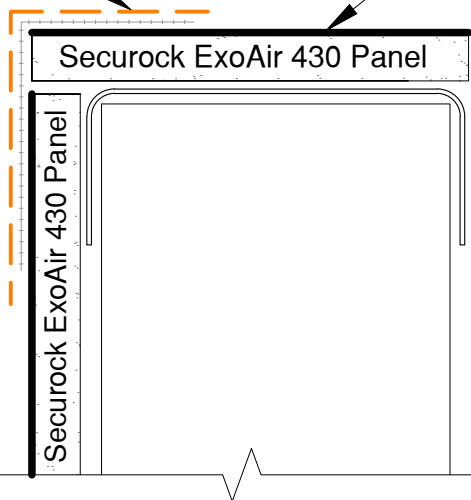
Rev #
 00

Date: 7/10/2019



ExoAir 230 at 70 wet mils with reinforcing mesh

(Recommended, but not required)



- Notes:**
- Apply ExoAir Primer to all exposed gypsum core prior to application of membrane
 - Slope to the exterior $\frac{1}{8}$ " per 12"
 - Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh
 - Flashing must be installed 3" minimum into rough opening or past thermal break

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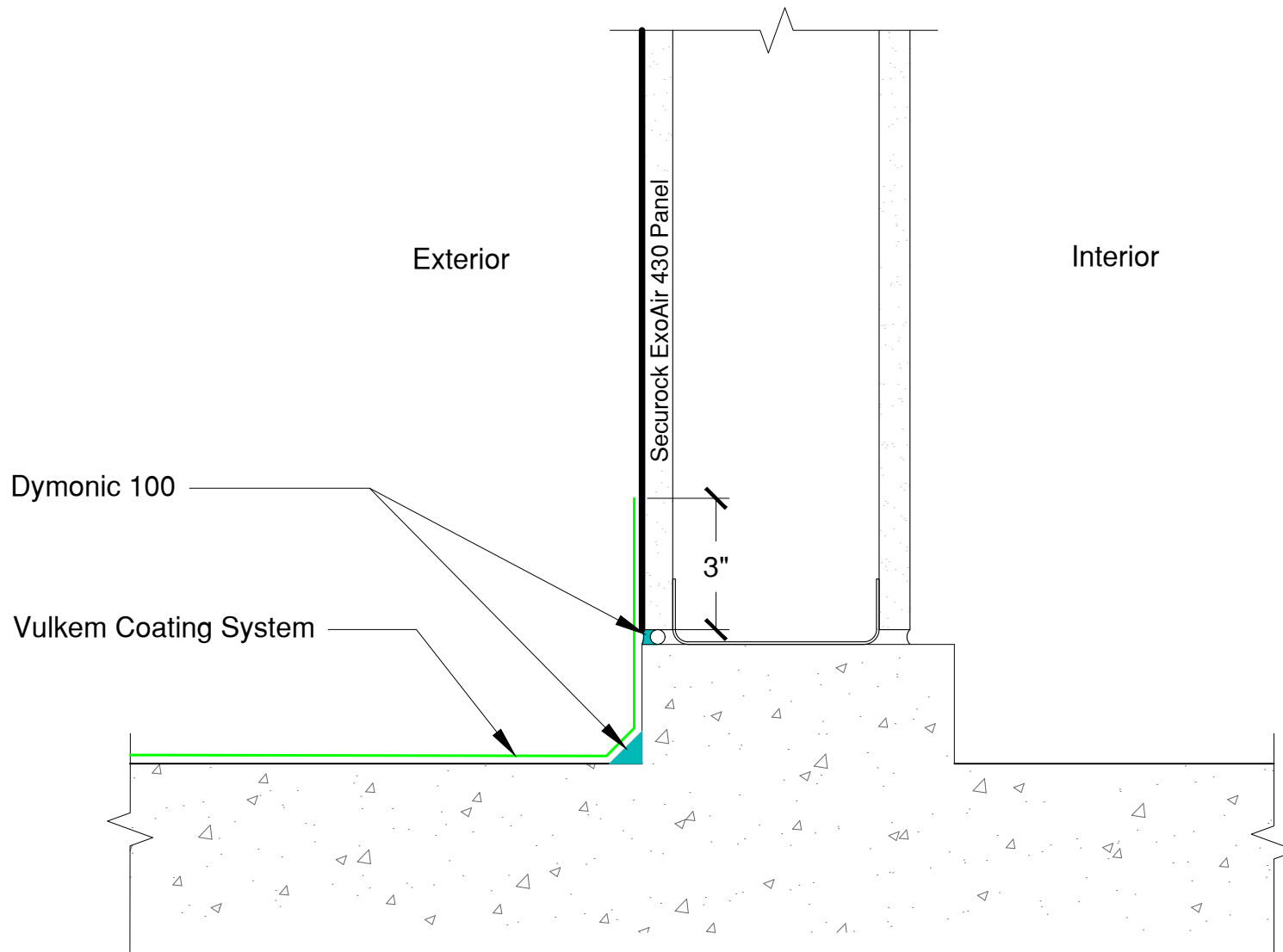
Tremco Commercial Sealants & Waterproofing
3735 Green Road
Beachwood, OH 44122

Tremco Technical Support:
866.209.2404

SECUROCK® ExoAir® 430 Panel
Project:
Detail: Rough Opening - Fluid-Applied Flashing - Panel
Drawn by: **KAB** Approved by: **DM** Scale: NTS

File Name:
12787
Date: 7/10/2019

Rev #
00



NOTES:

- Minimum 3" overlap required for all dissimilar materials and/or change in plane

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 USG Technical & Customer Support:
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Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel

Project:
 Detail: Wall to Balcony

Drawn by: KAB

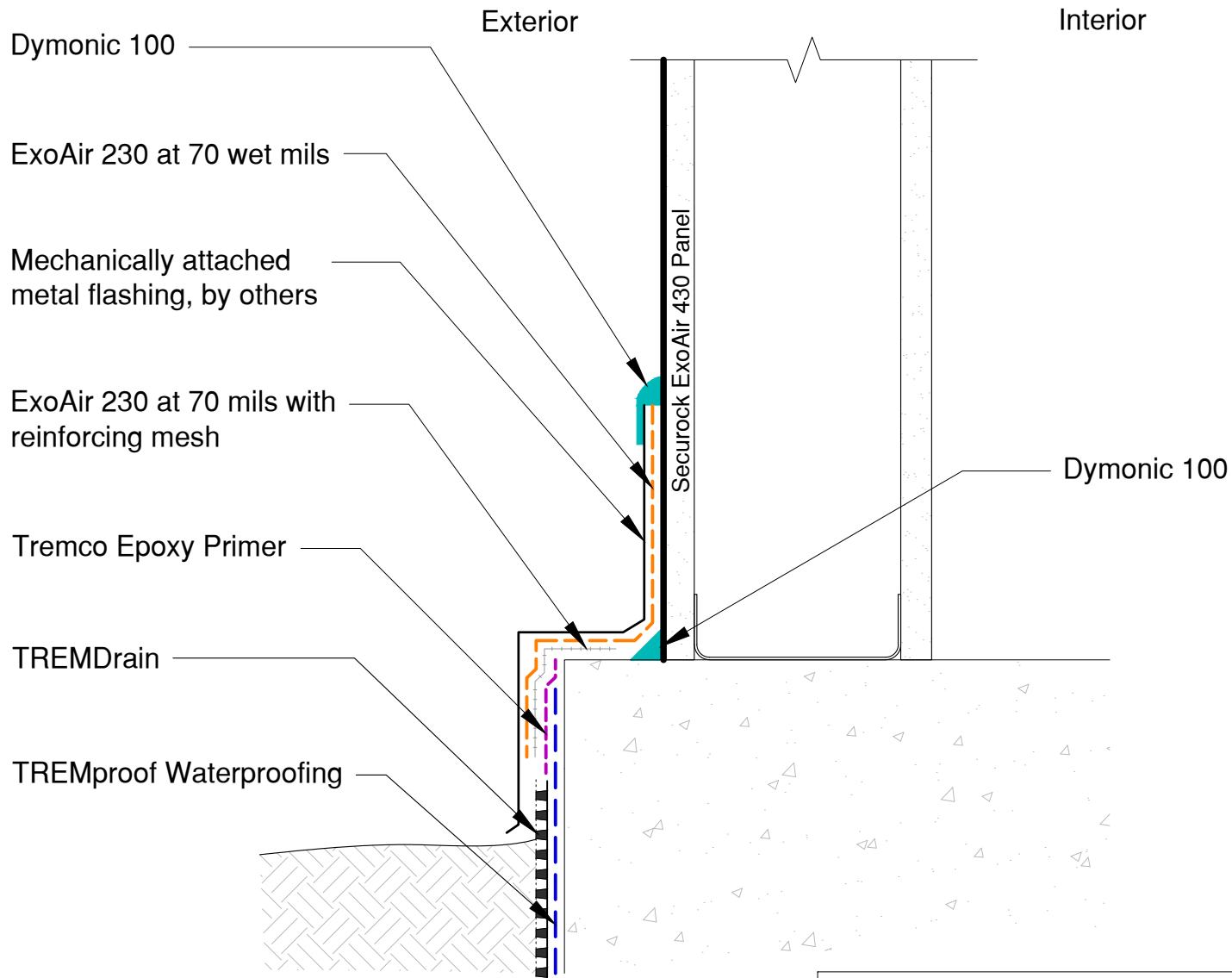
Approved by: RB

Scale: NTS

File Name:
 12786

Date: 7/11/2019

Rev #
 00



Notes:

- Minimum 3" overlap required for all dissimilar materials and/or change in plane
- Install reinforcing mesh with 70 wet mils of ExoAir 230, completely covering reinforcing mesh

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Tremco Commercial Sealants & Waterproofing
 3735 Green Road
 Beachwood, OH 44122
 Tremco Technical Support:
 866.209.2404

SECUROCK® ExoAir® 430 Panel
 Project:
 Detail: Wall to Below Grade Membrane - ExoAir 230
 Drawn by: KAB Approved by: RB/DM Scale: NTS

File Name:
12788
 Date: 7/11/2019

Rev #
00