Outsulite[™] Panel System



Prefabricated, Insulated, Light Gauge Steel Stud Exterior Wall Panels with an Air/Water Barrier

Outsulite Panel System Installation Details



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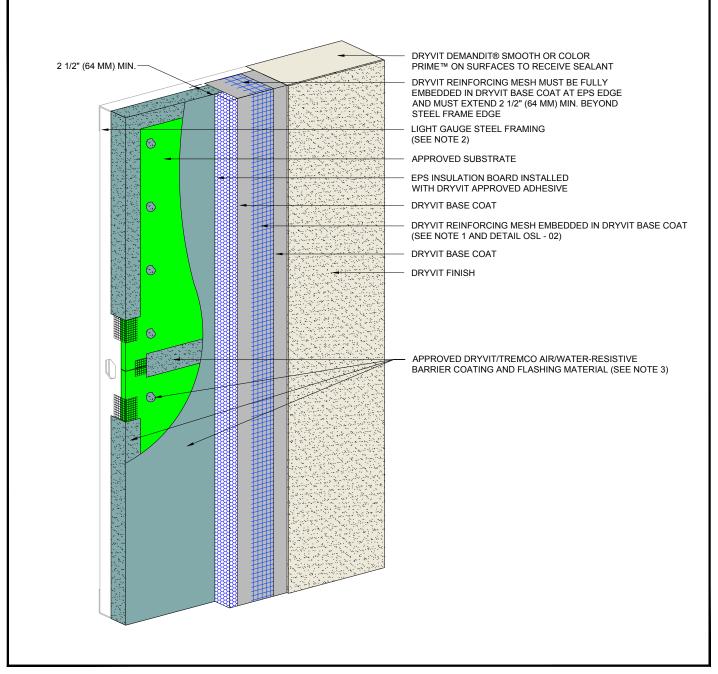
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Outsulite Panel System Installation Details





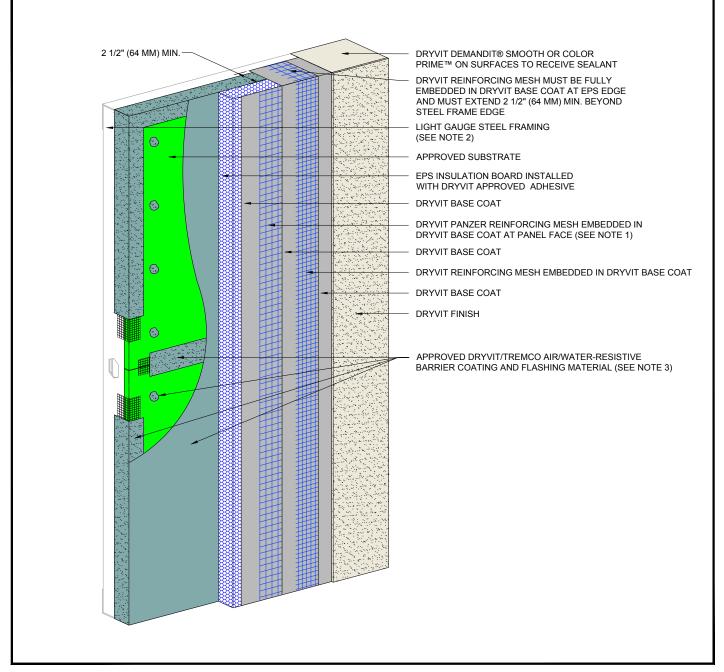
Outsulite Panel System

NOTES:

- Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® Mesh prior to Standard or Standard Plus Mesh. Location of high impact zones should be indicated on contract drawings.
- Light gauge steel frame shall be designed for specific project loads and conditions to meet local building codes by licensed engineer.

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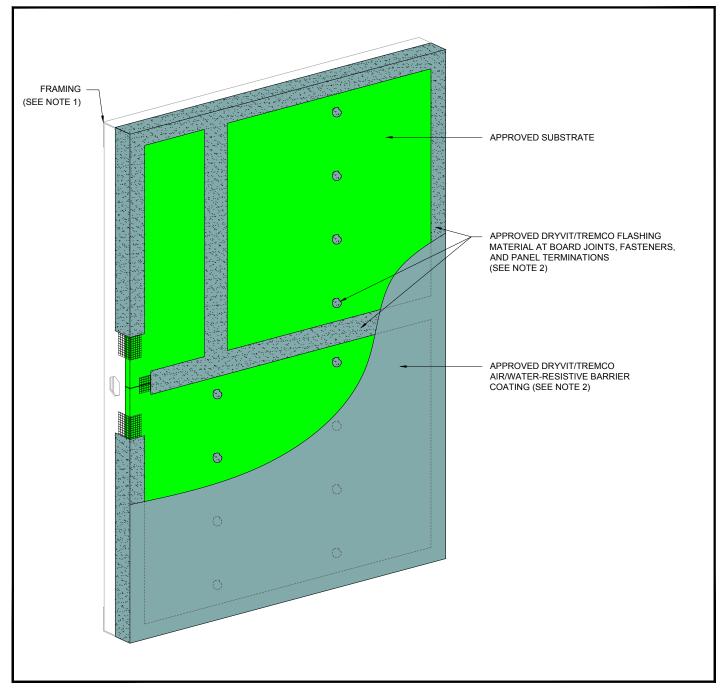
Outsulite Panel System - High Impact Option

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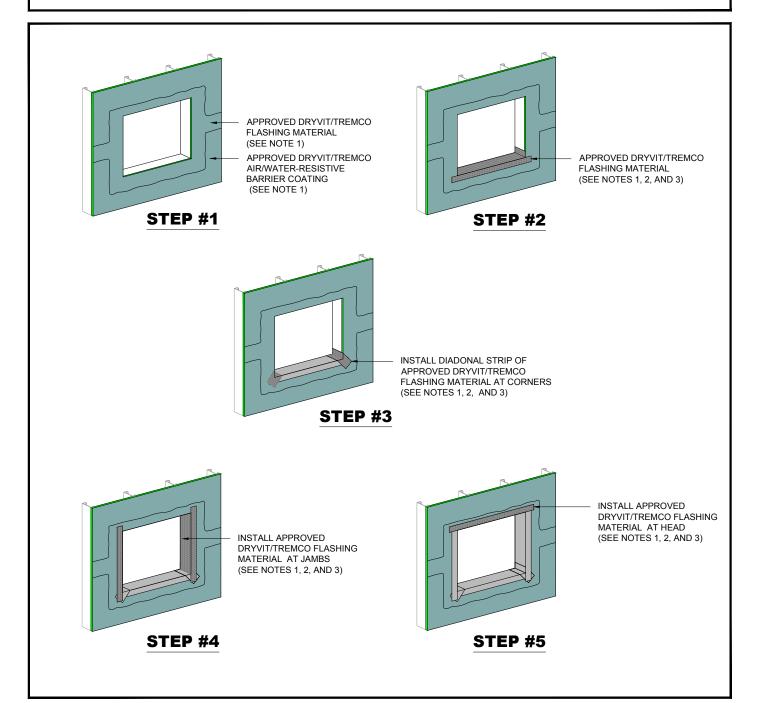
Board Joint and Fastener Treatment

NOTES:

- Light gauge steel frame shall be designed for specific project loads and conditions to meet local building codes by licensed engineer.
- 2. Refer to Dryvit publication DS840 for AWRB and flashing application.



Outsulite™ Panel System



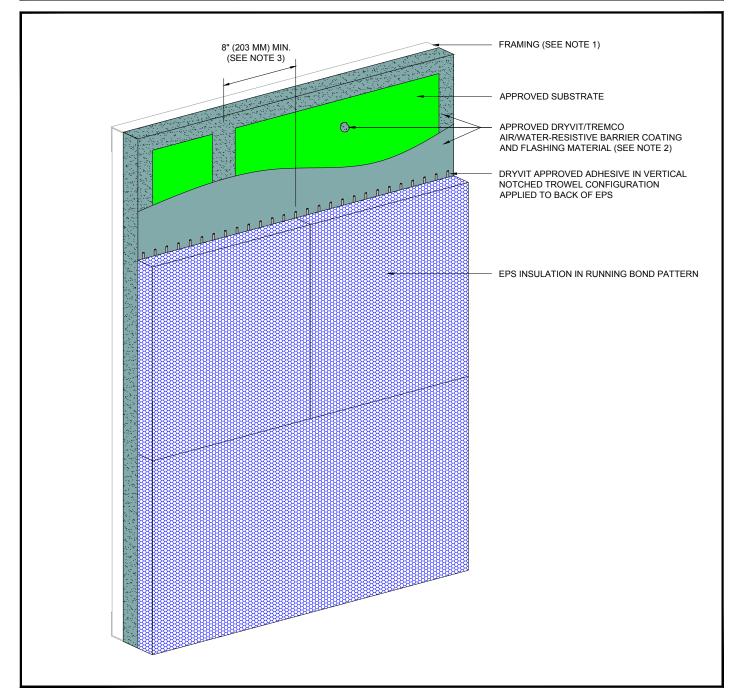
Rough Opening Preparation⁴

NOTES:

- 1. Refer to Dryvit publication DS840 for AWRB and flashing application.
- 2. Approved Dryvit/Tremco flashing material shall extend to interior face of opening.
- Install window unit and associated flashings per manufacturer's recommendations, code requirements and project documents.
- 4. Refer to head, sill and jamb details for flashing integration.

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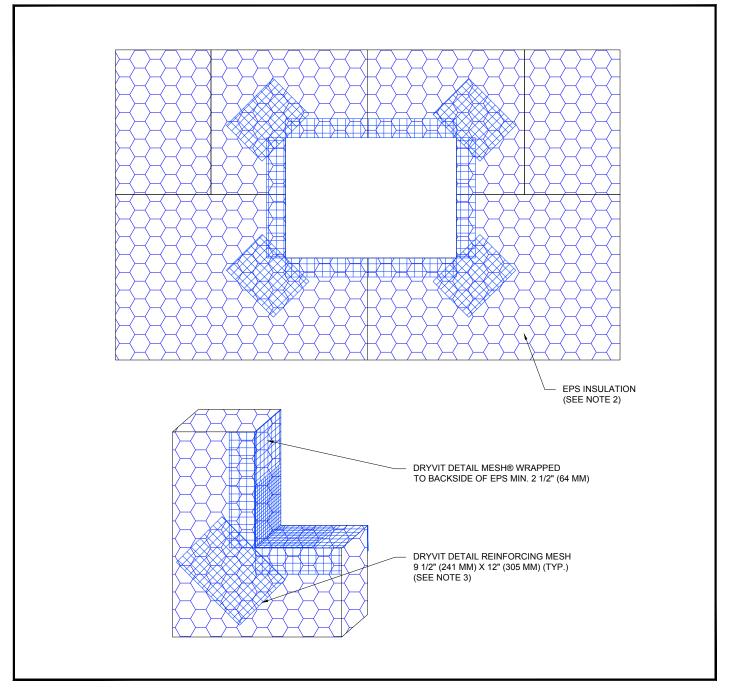
EPS Board Installation

NOTES:

- Light gauge steel frame shall be designed for specific project loads and conditions to meet local building codes by licensed engineer.
- 2. Refer to Dryvit publication DS840 for AWRB and flashing application.
- Offset substrate joints from insulation board joints by 8" (203 mm) minimum, horizontally and vertically.
- 4. For the base coat and mesh application following this step see OSL 01 & 02.

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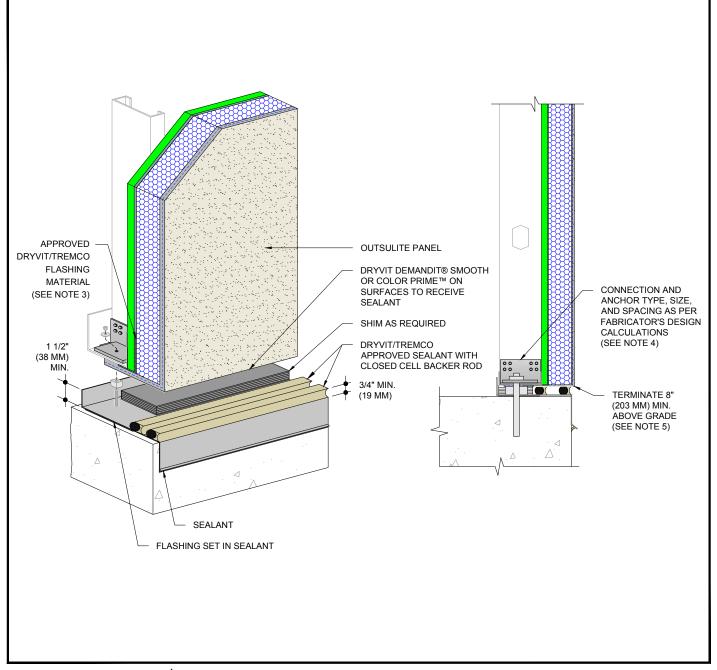
EPS Preparation at Wall Penetrations

NOTES:

- Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® Mesh prior to Standard or Standard Plus Mesh. Location of high impact zones should be indicated on contract drawings.
- Locate insulation boards such that board edges do not align with corners of penetration.

© Dryvit Systems, Inc. Issued: 9/2021 Apply a piece of 9 1/2" (241 mm) x 12" (305 mm) Detail Reinforcing Mesh diagonally at each corner.





Termination at Slab on Grade⁴

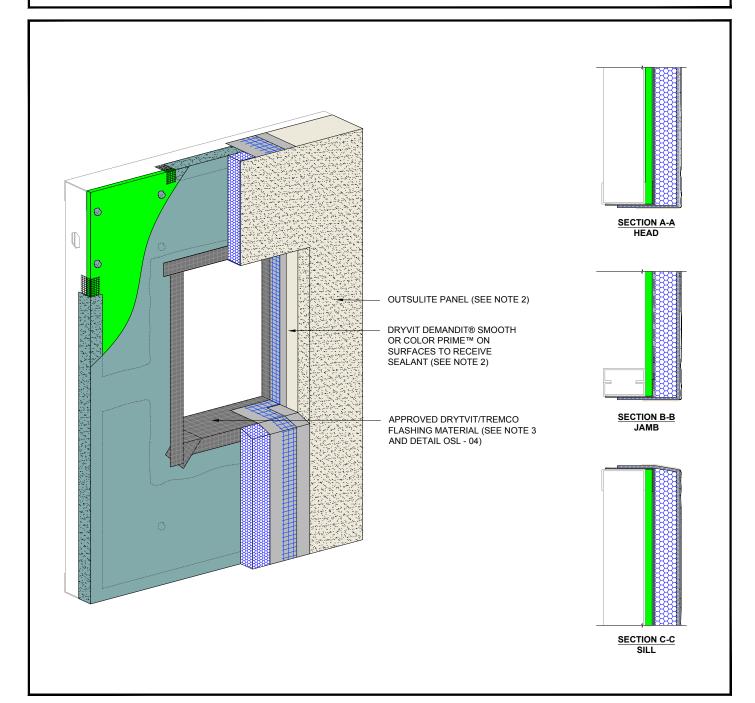
NOTES:

- Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® Mesh prior to Standard or Standard Plus Mesh. Location of high impact zones should be indicated on contract drawings.
- Light gauge steel frame shall be designed for specific project loads and conditions to meet local building codes by licensed engineer.
- Refer to Dryvit publication DS840 for AWRB and flashing application.
- Panel to slab attachment option or as per approved engineered shop drawings. Refer to Publication DS928 for Outsulite Panel System typical connection details.
- 5. Termination of the Outsulite Panel System to be 8" (203 mm) minimum above grade.

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Termination at Openings

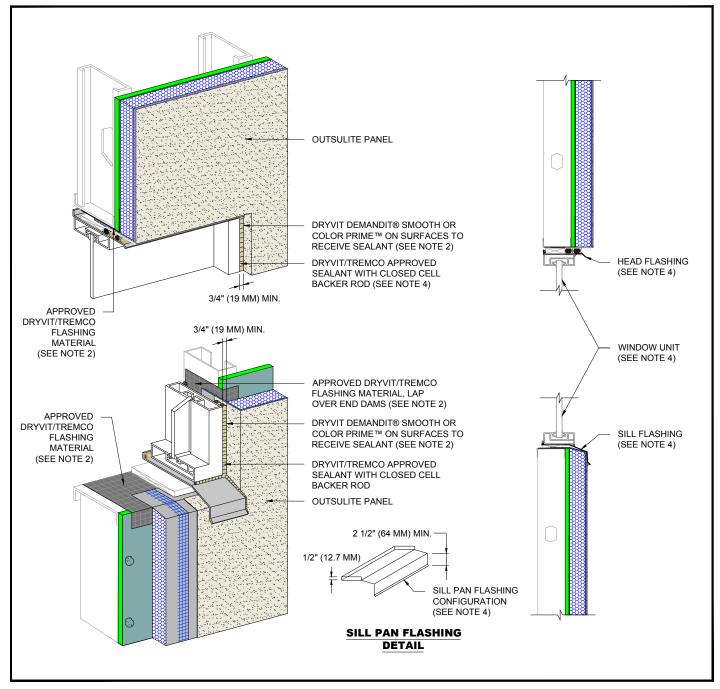
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- 3. Refer to Dryvit publication DS840 for AWRB and flashing application.
- 4. Coordinate with window shop drawings for termination of finish.





Head / Sill Flashing Integration

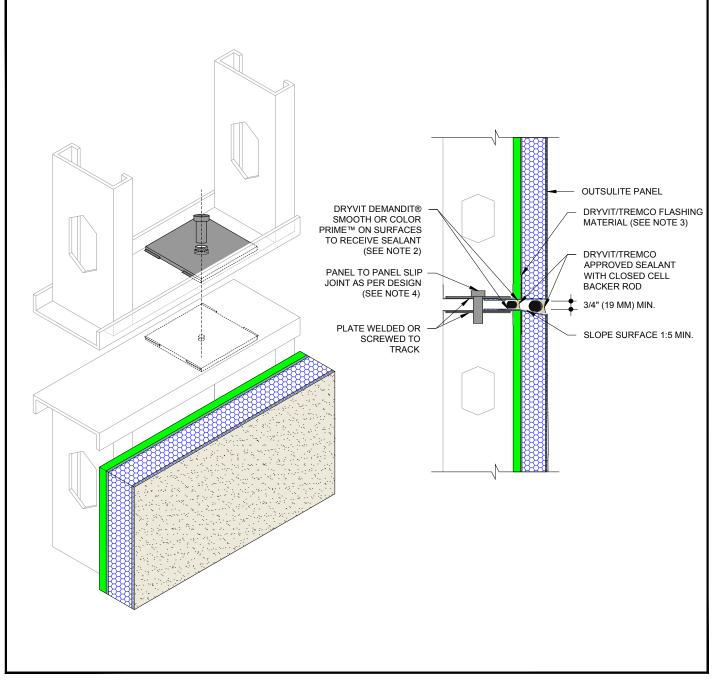
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- Refer to Dryvit publication DS840 for AWRB and flashing application.

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- Coordinate with window shop drawings for termination of finish.
- Install window unit and associated flashings per manufacturer's recommendations, code requirements and project documents.





Horizontal Panel Connection

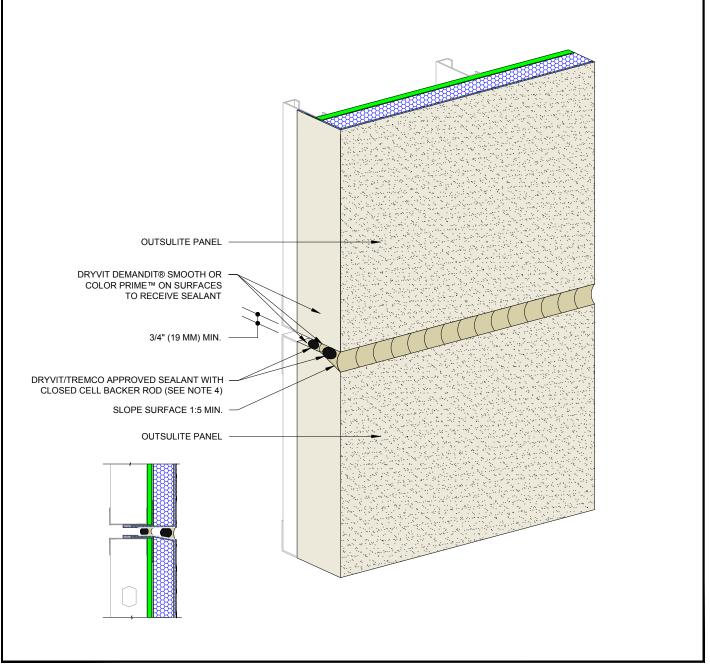
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- Refer to Dryvit publication DS840 for AWRB and flashing application.
- 4. Panel joint locations as per approved shop drawings.





Horizontal Panel Joint

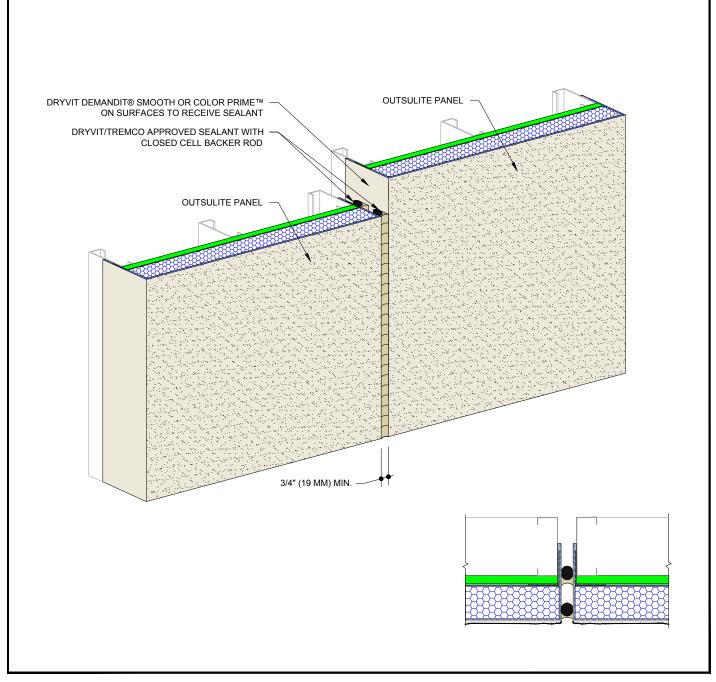
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- Panel joint locations as per approved shop drawings.





Vertical Panel Joint

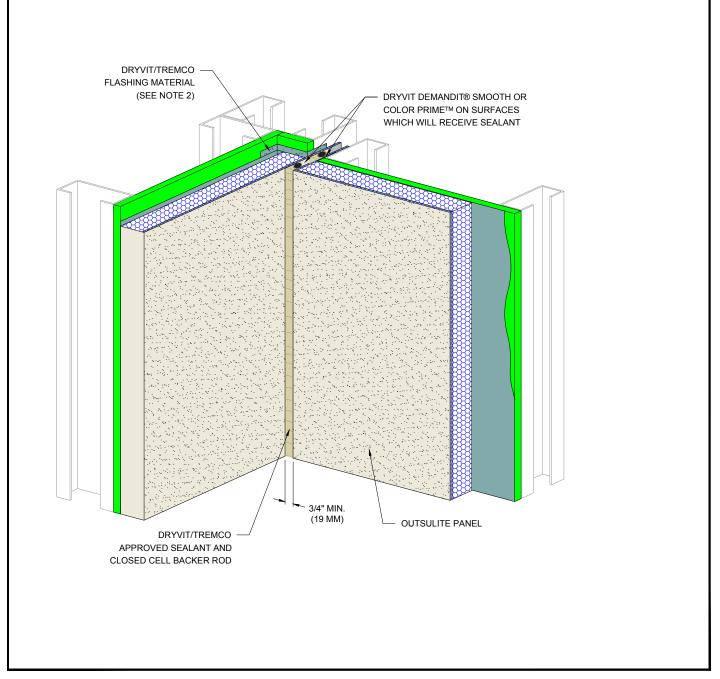
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- 3. Refer to Dryvit publication DS840 for AWRB and flashing application.
- 4. Panel joint locations as per approved shop drawings.





Inside Corner Joint

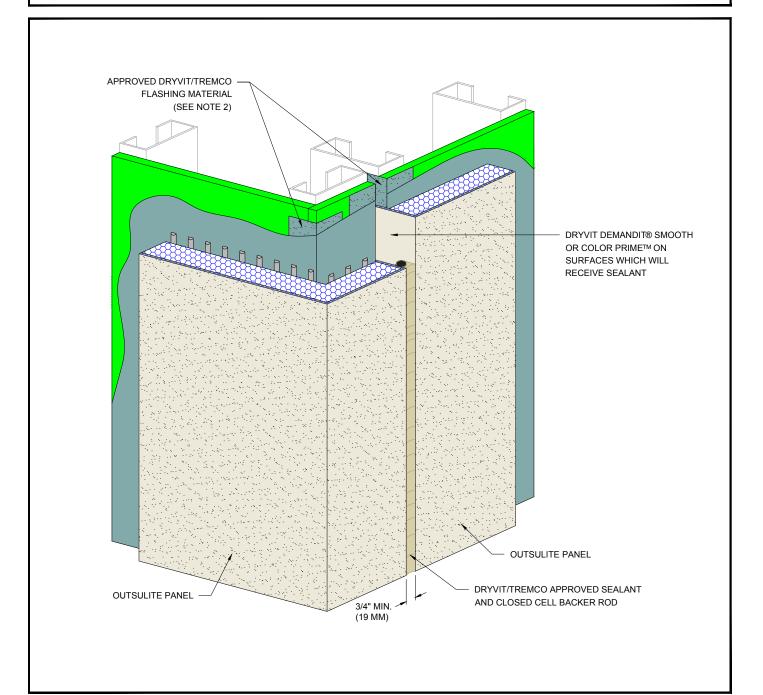
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- 3. Refer to Dryvit publication DS840 for AWRB and flashing application.
- 4. Panel joint locations as per approved shop drawings.





Outside Corner Joint

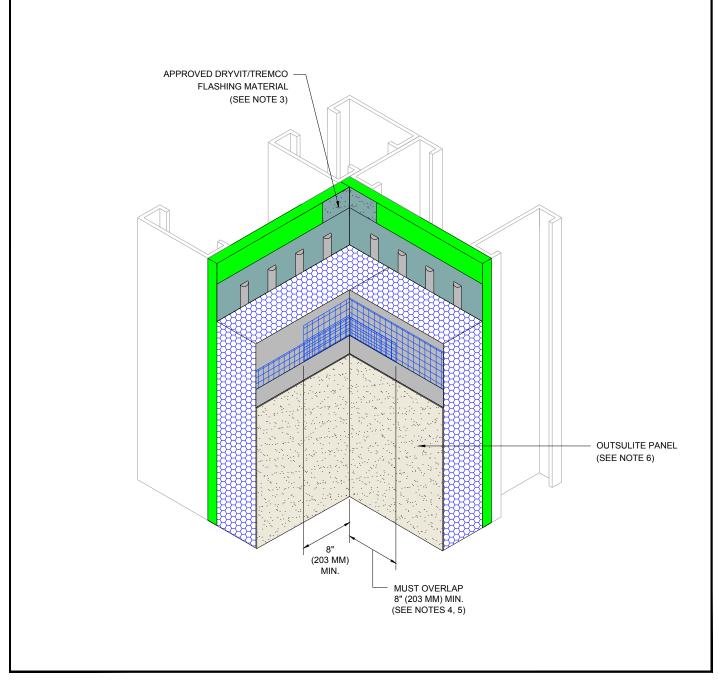
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- 3. Refer to Dryvit publication DS840 for AWRB and flashing application.
- Panel joint locations as per approved shop drawings.





Inside Corner Panel

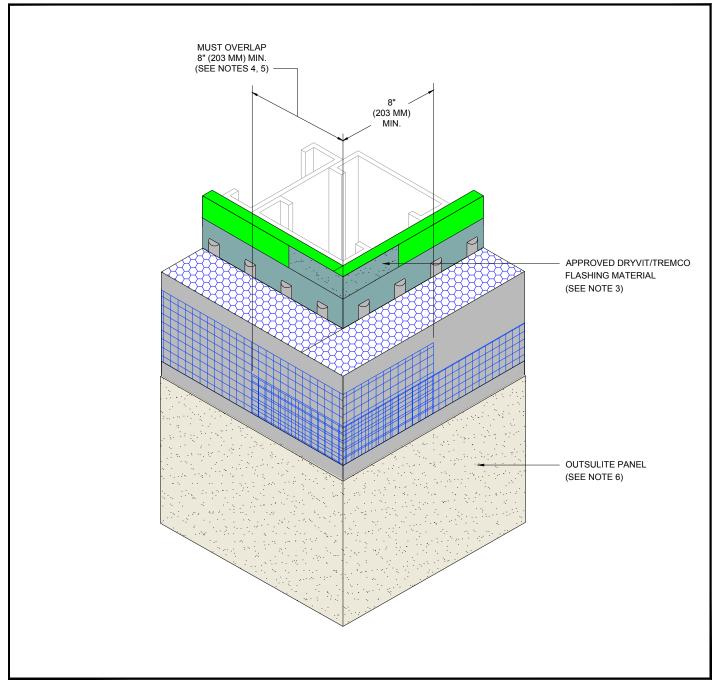
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- Light gauge steel frame shall be designed for specific project loads and conditions to meet local building codes by licensed engineer.
- 3. Refer to Dryvit publication DS840 for AWRB and flashing application.
- Double wrap corners with reinforcing mesh.
- Do not lap reinforcing mesh within 8" (203 mm) of a corner.
- Outside insulation board edges shall be offset.

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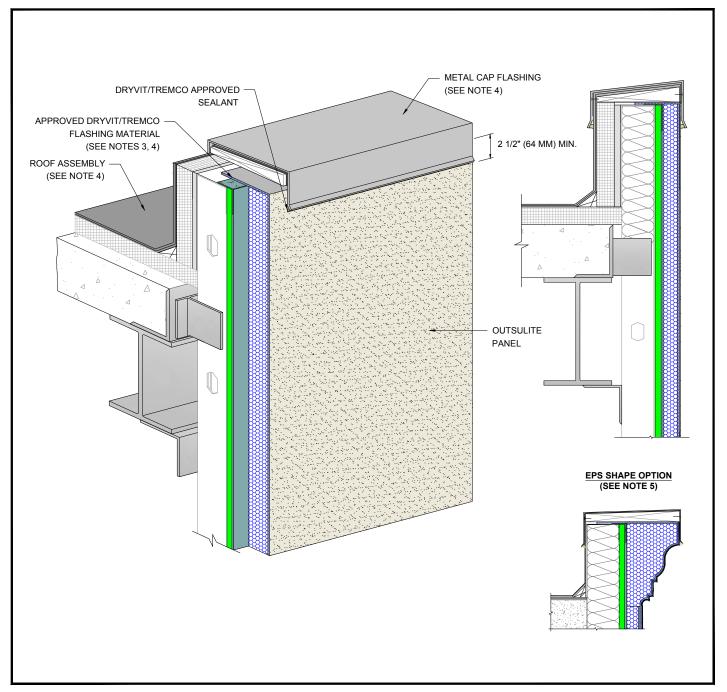


Outside Corner Panel

NOTES:

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- Light gauge steel frame shall be designed for specific project loads and conditions to meet local building codes by licensed engineer.
- Refer to Dryvit publication DS840 for AWRB and flashing application.
- Double wrap outside corners with reinforcing mesh or use Corner Mesh.
- Do not lap reinforcing mesh within 8" (203 mm) of a corner.
- 6. Outside insulation board edges shall be offset.





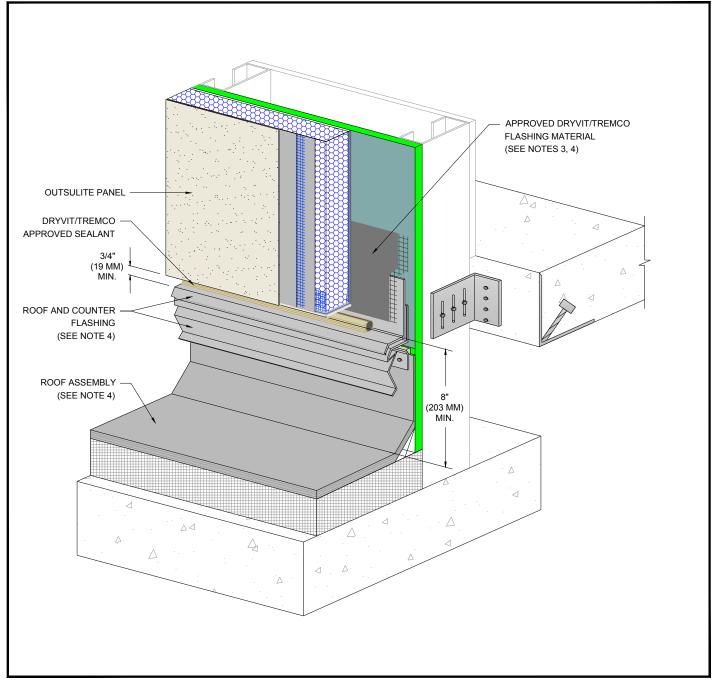
Parapet Panel - Metal Coping

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- Refer to Dryvit publication DS840 for AWRB and flashing application.
- Roof assembly, sheathing and cap flashing are installed in the field and not components of the panel system.
- Maximum thickness of EPS built out shapes shall not exceed 13" (330 mm) at any point measured from the substrate. EPS thickness is dictated by local code authority and applicable testing.





Termination at Roof

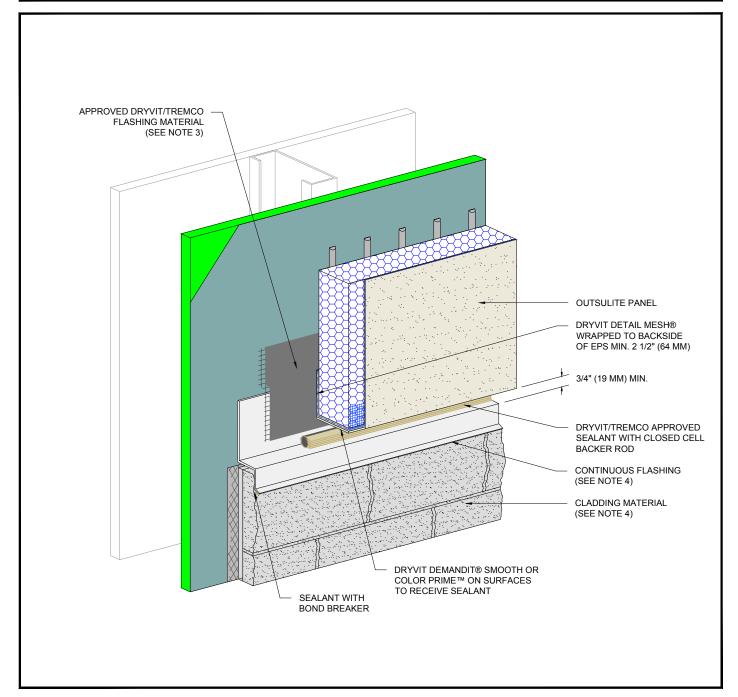
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Termination at Other Cladding

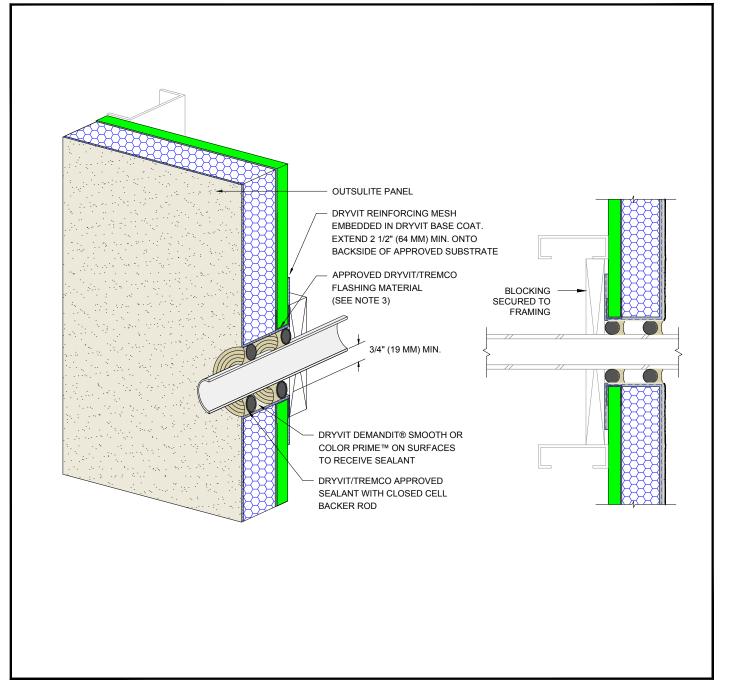
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- Refer to Dryvit publication DS840 for AWRB and flashing application.
- Flashing and other cladding materials per shop drawings.





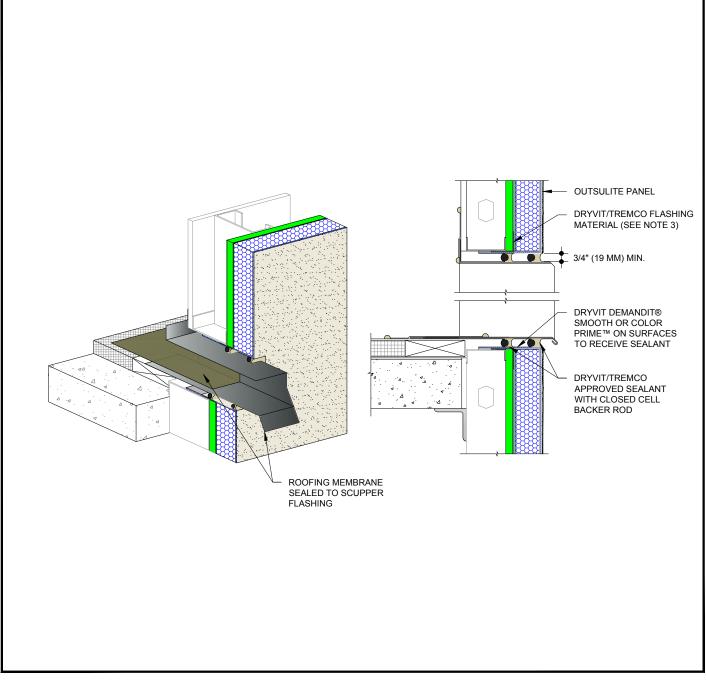
Penetrations

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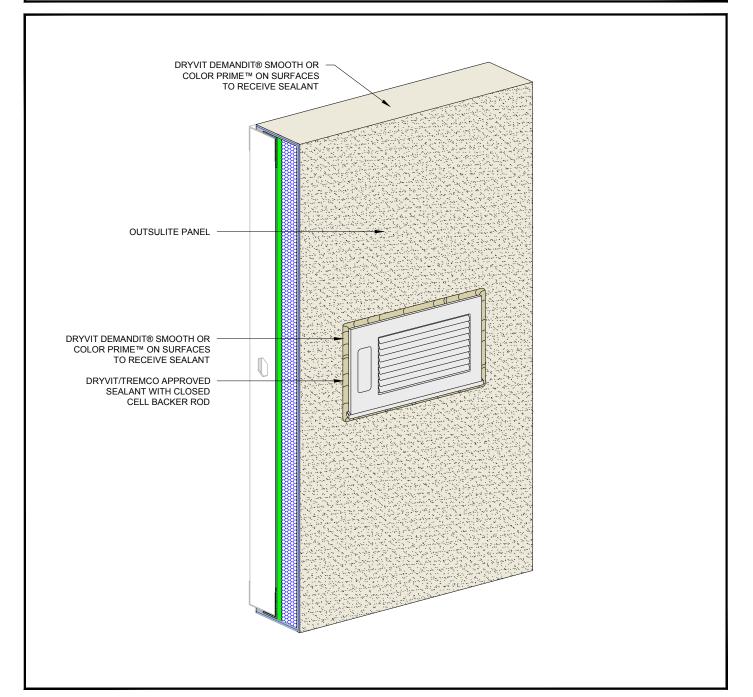
Scupper Termination

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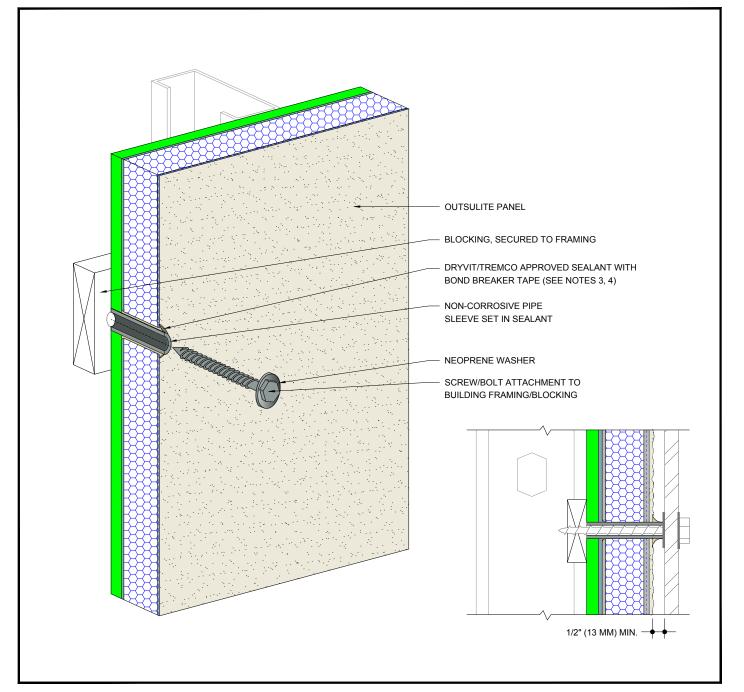
Vent Penetration

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Fastener through System

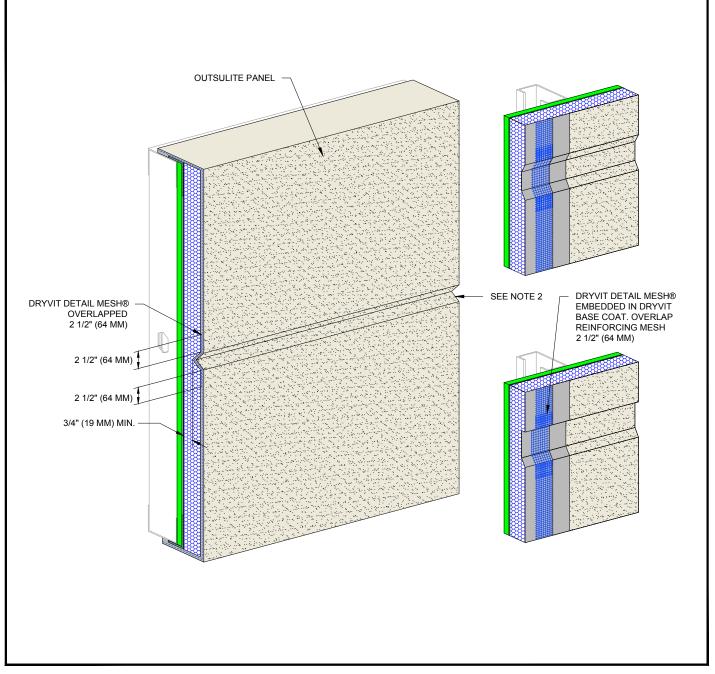
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- 3. Refer to Dryvit publication DS840 for AWRB and flashing application.
- Perimeter of pipe sleeve is sealed to prevent water entry into wall.





Aesthetic Reveals

NOTES:

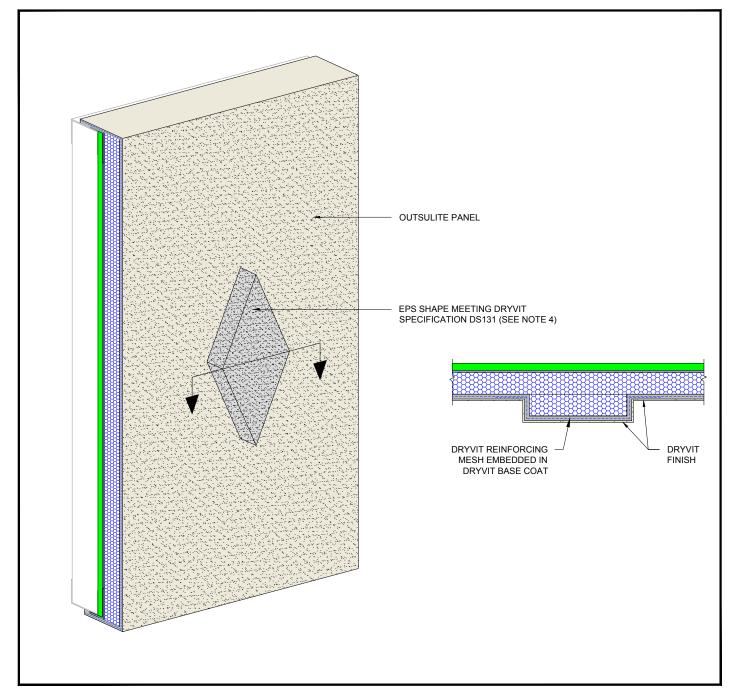
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- 3. Refer to Dryvit publication DS840 for AWRB and flashing application.
- 4. Slope bottom edge of reveal for positive drainage.







EPS Shapes

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