Dryvit

TECHNICAL BULLETIN

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Dryvit Outsulation® systems applied over Huber Zip System™ Wall Sheathing

This document will describe the options for applying Dryvit Outsulation systems over the Huber Zip System sheathing substrate. Zip Sheathing is a wall sheathing board with a surface coating that is marketed as an integral water resistive barrier.

The moisture drainage performance of the wall is determined by the performance of the water resistive barrier and drainage medium. Dryvit's drainage warranty is only available for those systems that use a Dryvit/Tremco air/water resistive barrier coating and approved drainage methods. Below are the various options for installing Dryvit systems over Zip Sheathing. When considering these attachment methods consult with Huber Engineered Woods for potential impacts to the Zip System warranty:

1. Options when the wall is covered with Huber Zip Sheathing only (no Zip Tape installed):
   a. Adhesive attachment of EPS:
      i. Apply Backstop NTX Texture, Aquaflash®, and adhere the EPS per the Outsulation Plus MD® System (DS218, DS939), or Outsulation RMD (DS143, DS155) Backstop NTX option. Ensure all EPS board joints are staggered minimum 8" from the sheathing joints.
      ii. Apply Dymonic® 100 at the joints, fasteners, and flashing locations, install ExoAir® 230 over the wall, and adhere the EPS per the Outsulation Plus MD System (DS218, DS939), or Outsulation RMD (DS143, DS155). Ensure all EPS board joints are staggered minimum 8" from the sheathing joints.
   b. Mechanical attachment of EPS:
      i. Outsulation System Specification with Mechanical Fasteners (DS135, DS204).
      ii. Outsulation RMD system (options 1, 2, and 3) (DS143, DS155).
      iii. Outsulation LCMD system (options 1, 2, and 3) (DS171, DS172).
   c. Lath attachment of EPS:
      i. Outsulation RMD system (option 5) (DS143, DS155).
      ii. Outsulation LCMD system (options 4 and 5) (DS171, DS172).
2. Options when the wall is covered with Huber Zip Sheathing with Zip Tape Installed:
   a. Adhesive attachment of EPS:
      i. Remove all Zip Tape and apply the EIFS per option 1a above.
      ii. Clean the tape surface by wiping with acetone and lightly abrade the surface before bridging the Zip tape with 6" AquaFlash Mesh and AquaFlash Liquid prior to applying the EIFS per Option 1a.
      iii. Clean the tape surface and treat with ExoAir primer before applying Dymonic 100 or ExoAir 230 over the Zip Tape prior to applying the EIFS per option 1a.
   b. Mechanical attachment of EPS
      i. Outsulation System Specification with Mechanical Fasteners (DS135, DS204).
      ii. Outsulation RMD system (options 1, 2, and 3) (DS143, DS155).
      iii. Outsulation LCMD system (options 1, 2, and 3) (DS171, DS172).
   c. Lath attachment of EPS:
      i. Outsulation System Adhered to metal lath (DS118, DS204, DS421).
      ii. Outsulation RMD system (option 5) (DS143, DS155).
      iii. Outsulation LCMD system (options 4 and 5) (DS171, DS172)

Notes:

1. The International Residential Code (IRC) requires moisture drainage for all substrates except concrete or masonry, and the International Building Code (IBC) requires moisture drainage on all framed walls classified as Type V Construction, Groups R1, 2, 3 and 4 occupancies. If your building falls into these categories, be sure to provide moisture drainage provisions in the cladding assembly.
2. This document pertains to Type V Construction and dwellings under the IRC only.
3. Backstop NTX Smooth shall not be permitted for any use over the Huber Zip System Sheathing.

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