

AquaDuct Drainage Option

OVERVIEW

Dryvit offers a warrantable option for directing moisture away from the head of windows, doors and other penetrations utilizing existing Outsulation system components. The AquaDuct is an alternative to the “J” track in the U.S. Outsulation Systems and has been an option for Canadian Outsulation Systems for years.

INTRODUCTION TO AQUADUCT

Management of incidental moisture is important within an EIF system, and especially critical around penetrations, such as windows, doors, vents, etc. Most moisture intrusion issues occur at these locations.

The AquaDuct is created utilizing the Dryvit AquaFlash® liquid flashing with 102 mm (4 in) AquaFlash mesh, and starter boards or picture framed cut EPS foam boards, with the backside edge beveled at a 45° angle. (See Figure 1) The AquaDuct is installed on to the beveled edge of the starter boards and corners over the rough opening of the penetration and extends past the first bead of vertical adhesive to the left and to the right of the penetration. This AquaDuct will direct any incidental moisture away from the rough opening and on to the adjacent wall area where drainage will occur.

APPLICATION INSTRUCTIONS

1. Install starter boards, with beveled edge on the inside, around the opening as instructed within the specific Outsulation System Application Instructions. The picture framed EPS boards at the header locations must have the upper inside corner beveled to a 45° angle. (See Figure 1)
2. Determine how long the AquaDuct will be based on the size of the rough opening of the penetration as well as the EPS corners.
3. Using a brush or roller, apply AquaFlash liquid flashing to the wall substrate above the starter board and to the inside beveled edge of the starter board. Reference AquaFlash Data Sheet DS494 or DSC494. (See Figure 2)
4. Apply the AquaFlash mesh to the AquaFlash liquid on the wall, pushing the mesh into the space created by the beveled edge of the starter board, and onto the AquaFlash liquid on the beveled edge creating a trough. (See Figure 3)
5. Trim any excess mesh hanging off the beveled edge (See Figures 4 and 5).
6. Apply the AquaFlash liquid over the entire surface of AquaFlash mesh, and over lapping onto the wall surface.
7. Let dry in accordance with the AquaFlash Data Sheet. If any pin holes exist, apply another coating of the AquaFlash liquid.
8. Install the EPS boards on the wall as instructed.

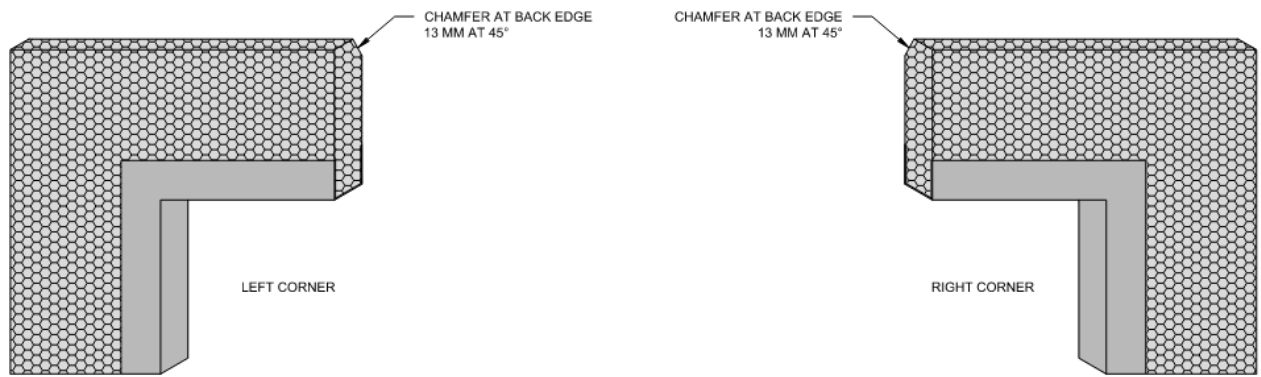


Figure 1

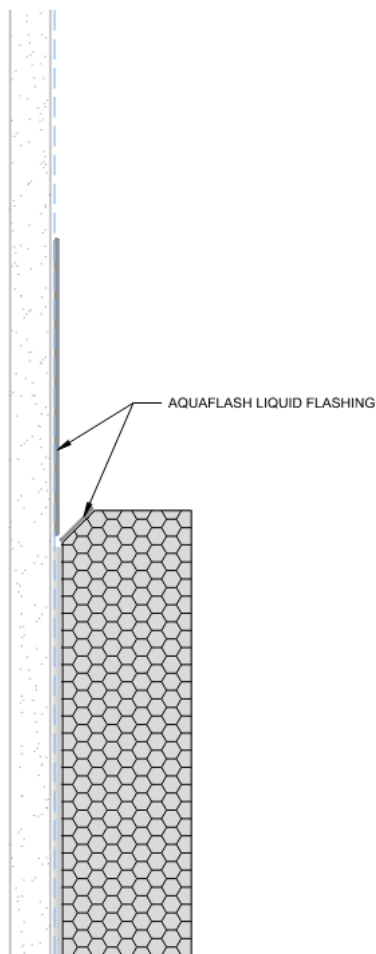


Figure 2

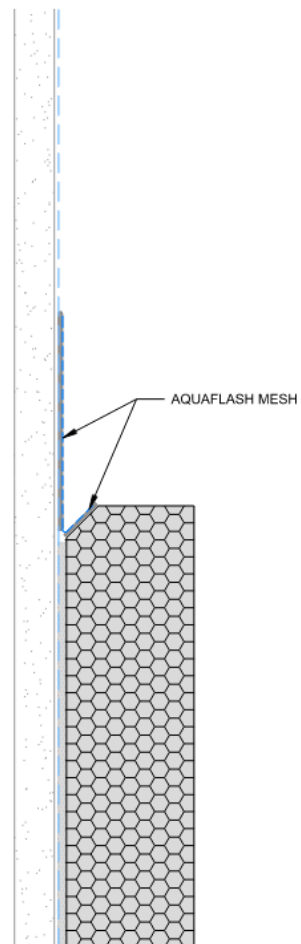


Figure 3

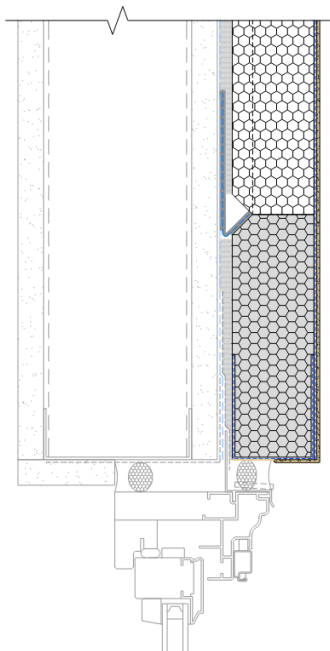


Figure 4

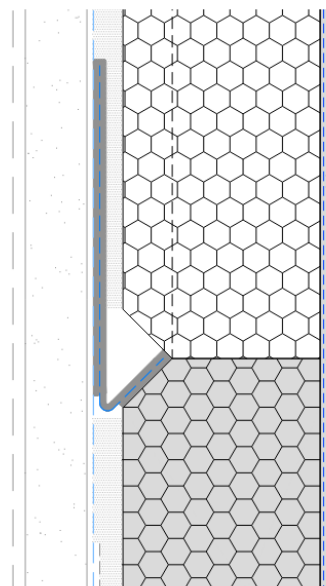


Figure 5

For Questions please contact Dryvit Technical Services at: 800-556-7752, option 4.

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dryvit.com | 800.556.7752



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122
800.321.7906 | tremcocpg.com