



# TECHNICAL DATA SHEET

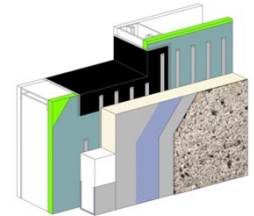
## Outsulation® Plus MD System®

An Exterior Wall Insulation and Finish System With  
Moisture Drainage That Incorporates Continuous  
Insulation and An Air/Water-Resistive Barrier  
DS445

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### PRODUCT DESCRIPTION

Dryvit offers a family of performance-based systems that allows architects and owners to meet the specific demands of today's energy codes, such as continuous insulation and an air/water-resistive barrier. Dryvit's original Outsulation System has been installed on over 500,000 buildings worldwide. Due to the increased demands for a wall system to be able to drain away incidental moisture, the Outsulation concept has grown into a family of related systems, each building upon the other to achieve specific performance goals.



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### FEATURES & BENEFITS

- Moisture Drainage
- High-Performance Exterior Insulation
- Reinforced Base Coat
- Drainage Track
- Air/Water-Resistive Barrier
- Waterproof Flashing Material
- Warranty

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### SYSTEM COMPONENTS

1. Backstop® NT™ Water-Resistive Membrane and Air Barrier (available in Texture, Smooth or Spray) or Backstop NT-VB
2. Dryvit Grid Tape™
3. Dryvit AquaFlash® System, Flashing Tape™ and Surface Conditioner™ or Backstop® Flash & Fill™
4. Dryvit Drainage Track™, Dryvit Drainage Strip™ adhered with Dryvit AP Adhesive® or Pre-Based Starter Board (shown)
5. Dryvit Adhesive in vertical notched trowel configuration
6. EPS Insulation Boards, creating a layer of continuous insulation
7. Dryvit Reinforced Base Coat
8. Dryvit Finish

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### EFFICIENT AND ECONOMICAL

Outsulation Plus MD expands upon the proven weatherability and insulating qualities of Outsulation by adding a second line of defense against air, moisture and weather. This is accomplished with a coating of Backstop NT and by applying Dryvit's AquaFlash System or flashing tape at all sills of openings. Outsulation Plus MD goes one step further through the use of adhesive channels to provide moisture drainage. These channels work in tandem with either of two system termination options, resulting in an efficient and economical system that is easy to install.

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### WHY BACKSTOP NT?

The adhesive channels present in Outsulation Plus MD will evacuate incidental moisture that may find its way behind the insulation board. Backstop NT prevents this moisture from coming into contact with the substrate as it drains. Developed specifically for this purpose, it is a specially formulated, flexible, polymer-based, noncementitious coating that provides a watertight membrane. Always used in conjunction with a waterproof flashing material such as Dryvit AquaFlash System or flashing tape, Backstop NT is an essential element of the Outsulation Plus MD System. Full details regarding the performance of Backstop NT are available upon request.

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### DRYVIT... PROVEN FOR OVER 50 YEARS

Dryvit is an ISO 9001:2015 and ISO 14001:2015 certified company. ISO standards have been established worldwide as a common denominator for product excellence. Dryvit is the recognized leader in construction technology. With leadership comes an obligation and commitment to research and development. The Outsulation Plus MD System is an example of our determination to continuously evaluate market demands and develop new and exciting products.

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## WARRANTY

Dryvit shall provide a written moisture drainage and limited materials warranty against defective material upon written request. Dryvit shall make no other warranties, expressed or implied. Dryvit does not warrant workmanship. Full details are available from Dryvit.

Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of Dryvit products as of the date of publication of this document and is presented in good faith. Dryvit assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Dryvit.

For more information on Dryvit or Continuous Insulation, [click here](#).

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