

# OUTSULATION® MD (NC) SYSTEM

# DSC443

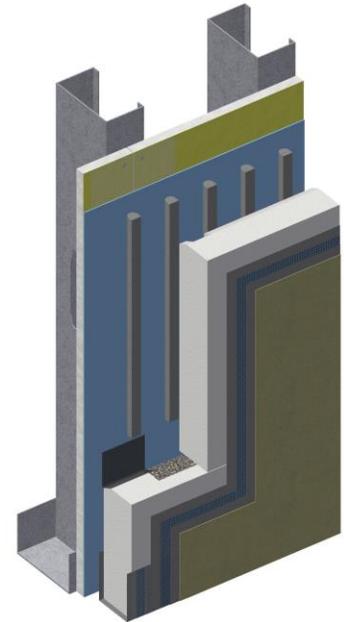
A commercial Exterior Insulation and Finish System with Moisture Drainage and an optional Non-Combustible (NC) Base Coat

## SUMMARY

Outsulation® MD (NC) is part of Dryvit's family of high-performance exterior continuous insulation and finish systems for use on commercial, institutional and residential buildings. Since 1969, architects and owners have looked to Dryvit for excellence in EIFS. Outsulation MD system provides a blanket of highly effective continuous insulation for high performance, energy efficient buildings and is backed by a comprehensive moisture drainage performance warranty.

## SYSTEM COMPONENTS

1. Backstop® NT / NT-VB or Dryflex™ Water-Resistive Barrier Coatings
  2. Dryvit Grid Tape™ / AquaFlash® Mesh
  3. Dryvit AquaFlash System
  4. Dryvit Adhesive in Vertical Notched Trowel Configuration
  5. Insulation Board with a 10mm Geometrically Defined Drainage Cavity
  6. Dryvit Reinforced Base Coat
  7. Dryvit Finish (Colour-matched Primer Optional)
- Optional drainage accessories include:
8. Dryvit Vent Assembly™ with Dryvit AquaDuct or Dryvit Drainage Strip



## MOISTURE DRAINAGE TECHNOLOGY

Outsulation MD is the most comprehensive, versatile drainage system available with flexible drainage options. It provides three lines of defense against water intrusion.

1. The first is Dryvit's time-tested combination of reinforced base coat and finish.
2. The second is our specially designed, 10 mm grooved EPS<sub>1</sub> with three drainage options available, including pre-wrapped EPS, EPS starter boards grooved applied with vertical notched trowel applied adhesive with or without drainage strips, and/or EPS starter boards with Dryvit's Vent Assembly with AquaDuct.
3. The third is Dryvit's air and water resistive barriers (WRB), which include Dryvit Backstop NT, Backstop NT-VB, and Dryflex. As part of the WRB layer, waterproof flashing material, Dryvit's AquaFlash System, is also used to protect sills of wall openings (such as windows), transition at expansion joints and other substrate interface details.

## WHY THE CHOICE OF WATER RESISTIVE BARRIERS?

The drainage channels present in Outsulation MD will drain "incidental" moisture that may find its way behind the EPS insulation. Dryvit's water resistive barriers (WRB) prevent this moisture from coming into contact with the substrate as it drains. All Dryvit WRBs are classified in Canada as a Type III air barrier, but offer a range of vapour permeability from highly permeable Backstop NT (BSNT), to Backstop NT-VB (BSNT-VB) that has a low vapour permeance, allowing the designer to balance exterior wall system properties with the building's mechanical and interior climate controls. Dryvit's WRBs are an essential element of the Outsulation MD System.

## WARRANTY

Dryvit Systems Canada shall provide a written moisture drainage performance 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 Systems Canada.

**Dryvit Systems Canada**  
129 Ringwood Drive  
Stouffville, ON  
L4A 8C1  
1-800-263-3308  
www.dryvit.ca

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