



LISTING INFORMATION OF Dryvit - Category 2 OUTSULATION NC EIFS Wall Systems

SPEC ID: 29344

Dryvit Systems Canada
129 Ringwood Drive
Stouffville, ON L4A 8C1
Canada

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Dryvit – Category 2 OUTSULATION Wall Systems

- DRYVIT OUTSULATION® NC WALL SYSTEM
- DRYVIT OUTSULATION® PLUS NC WALL SYSTEM
- DRYVIT OUTSULATION® MD NC WALL SYSTEM
- DRYVIT OUTSULATION® PD NC WALL SYSTEM

Dryvit Category 2 OUTSULATION® Wall Systems are Exterior Insulation and Finish Systems (EIFS) consisting of an adhesive, expanded polystyrene insulation board, non-combustible base coat, reinforcing mesh and a finish coat. The systems can also be mechanically attached through the expanded polystyrene insulation board into approved substrates. Refer to Design Listings DSC-WDEIFS 15-01, DSC-WDEIFS 15-02, and DSC-WDEIFS 15-03 for detailed specifications on each system.

RATINGS

Standard	Rating	Design Number
CAN/ULC S101	15 minute Stay-in-Place	DSC-WDEIFS 15-01 DSC-WDEIFS 15-02 DSC-WDEIFS 15-03

Note: The Primus DM base coat within the Design Listings is considered non-combustible per testing conducted in accordance with CAN/ULC S114.

<u>Attribute</u>	<u>Value</u>
Criteria	CAN / ULC S101 (2007)
Criteria	CAN / ULC S114 (2005)
Criteria	CAN / ULC S101 (2014)
CSI Code	07 24 00 Exterior Insulation and Finish Systems (EIFS)
Intertek Services	Certification
Listed or Inspected	LISTED
Listing Section	EIFS CATEGORY 2
Report Number	7212; 3172311; 100182049; 100829985; 102420572
Spec ID	29344

DRAWING INDEX

DSC-WDEIFS 15-01

DSC-WDEIFS 15-02

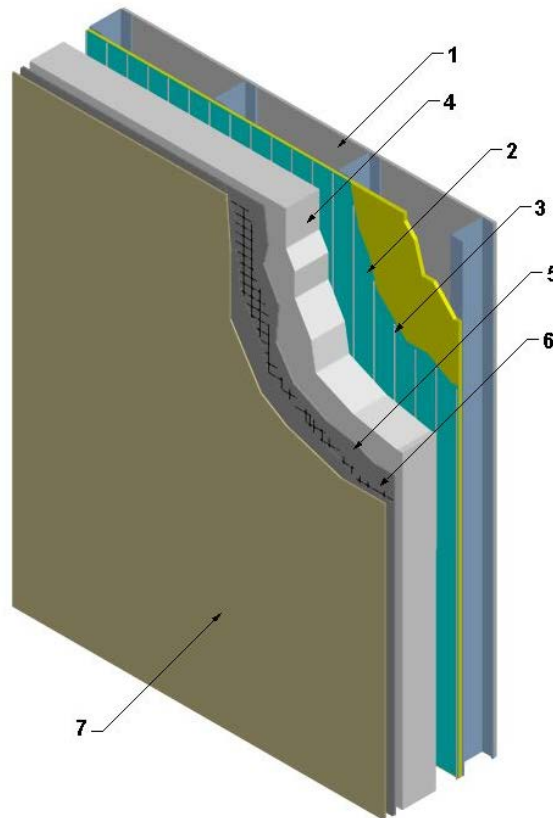
DSC-WDEIFS 15-03

DSC-WDEIFS 15-01

Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 19 Water-Drainage Exterior Insulation and Finish Systems

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Design Number: DSC/WDEIFS 15-01
EXTERIOR WALL SYSTEMS
Dryvit Systems Canada
Dryvit OUTSULATION® NC, OUTSULATION® PLUS NC, AND FEDDERLITE™ 2000
CAN/ULC S101 (2014)
Rating: 15 Minute
Meets the Requirements of Clause 3.2.3.8(1)(b) of the National Building Code of Canada, 2015 and 2010



1. WALL ASSEMBLY: Construct a wall assembly that complies with the local Building Code or other applicable regulatory requirements when those are greater.

System may be installed over ICF. Total combined thickness of the exterior side ICF and the Dryvit EIFS cannot exceed max. allowable thickness noted in Item 3.

Additionally, concrete is to be formed flush with ICF surface at floor-lines for the securement of Dryvit detail mesh to the substrate. If installed, the Water Resistive Barrier shall be Dryflex with mesh reinforcement.

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DSC-WDEIFS 15-01 (page 2 of 2)

Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 19 Water-Drainage Exterior Insulation and Finish Systems

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- 2. WATER RESISTIVE BARRIER:** Apply one of the following membrane systems to the exterior side of the wall assembly (Item 1):
- A. DryvitDryflex™ – Polymer based cementitious air/moisture barrier applied in accordance with manufacturer's instructions or,
 - B. Dryvit Backstop NT™/NT VB – Polymer based non-cementitious air/moisture barrier applied in accordance with manufacturer's instructions.
- 3. ADHESIVE:** Install Dryvit adhesive to the insulation using a 1/2 in. x 1/2 in. notched trowel, or where approved by the manufacturer use ribbon and dabs, with ribbon measuring 2 in. (51mm) in width and applied to the entire perimeter in conjunction with adhesive dabs measuring 4 in. (100mm) in diameter, and applied 8 in. (200mm) on center (oc) over the board's area. Ribbon, dabs, and notches are to measure approximately 3/8 in. (9mm) in height.
- 4. INSULATION BOARD:** Secure insulation board using adhesive (Item 3). Use max. 6 in. (150mm) thick, 1 pcf expanded polystyrene (EPS) board, manufactured under a quality assurance program and conforming to CAN/ULC S701 Type 1 (flame spread rating less than 500 per CAN/ULC S102.2).
- 5. BASE COAT:** Apply the following base coat applications to the exterior side of the insulation board (Item 4). After the initial coat, apply reinforcing mesh (Item 6) and then additional coats so that the mesh (Item 6) is completely embedded and the final thickness of the base coat is min. 1/12 in. (2mm).
- Primus DM Adhesive/Base Coat – A noncombustible protective material mixed at a 4:1 ratio with clean potable water or,
- 6. REINFORCING MESH:** Apply Dryvit mesh, either "Standard®", "Standard® Plus", Intermediate Mesh 0.49 – 1.22 oz/ft² self-extinguishing, edges overlapped 3 in. (75mm) min. and embedded into the base coat (Item 5). The fiberglass mesh is pre-wrapped, back-wrapped, or edge-wrapped with 2-1/2 in. (63mm) min. face coverage at terminations to encapsulate the insulation board. For additional impact resistance, a layer of Dryvit Panzer® Meshes 1.6 – 2.2 oz/ft² may be applied to the system prior to the application of standard meshes in accordance with the manufacturer's application procedures.
- 7. FINISH COAT:** Apply Dryvit "DPR" finish, StoneMist, TerraNeo, Ameristone, LymeStone, Custom Brick, and smooth coatings over the base coat (Item 5) in accordance with Dryvit's installation guidelines for the specific finish using stainless steel trowel.
- 8. OPTIONAL MECHANICAL FASTENING (Not Shown):** Where supplemental mechanical fastening is to be used for restraining the EPS to substrate, GridmateClass PB(TM), or Wind-Devil 2 washers and fasteners can be used for penetrating through the EPS into the component substrate. Details of this installation can be found in Dryvit's product literature.

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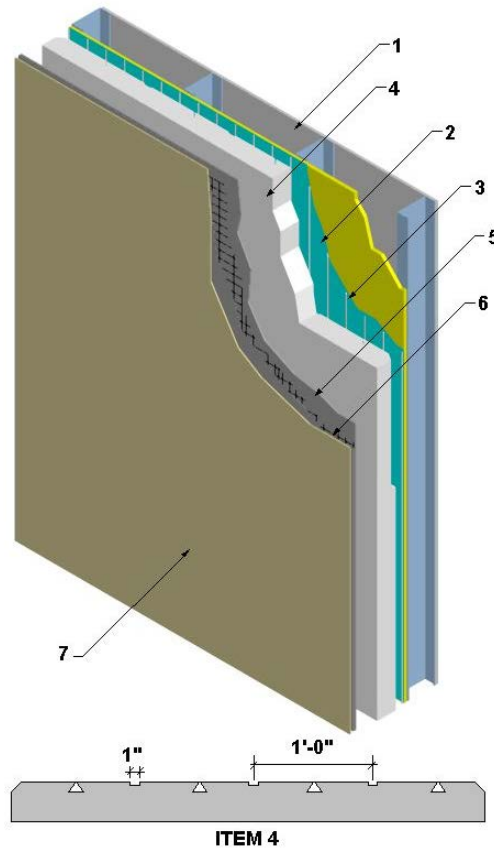
DSC-WDEIFS 15-02

Division 7 – Thermal and Moisture Protection
 07 24 00 Exterior Insulation and Finish Systems
 07 24 19 Water-Drainage Exterior Insulation and Finish Systems

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Design Number: DSC/WDEIFS 15-02
 EXTERIOR WALL SYSTEMS
 Dryvit Systems Canada
 Dryvit OUTSULATION® PD NC
 CAN/ULC S101 (2014)
 Rating: 15 Minute

Meets the Requirements of Clause 3.2.3.8(1)(b) of the National Building Code of Canada, 2015 and 2010



1. WALL ASSEMBLY: Construct a wall assembly that complies with the local Building Code or other applicable regulatory requirements when those are greater.

System may be installed over ICF. Total combined thickness of the exterior side ICF and the Dryvit EIFS cannot exceed max. allowable thickness noted in Item 3.

Additionally, concrete is to be formed flush with ICF surface at floor-lines for the securement of Dryvit detail mesh to the substrate. If installed, the Water Resistant Barrier shall be Dryflex with mesh reinforcement.

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Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 19 Water-Drainage Exterior Insulation and Finish Systems

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- 2. WATER RESISTIVE BARRIER:** Apply one of the following membrane systems to the exterior side of the wall assembly (Item 1):
- A. Dryvit Dryflex™ – Polymer based cementitious air/moisture barrier applied in accordance with manufacturer's instructions or,
 - B. Dryvit Backstop NT™/NT VB – Polymer based non-cementitious air/moisture barrier applied in accordance with manufacturer's instructions.
- 3. ADHESIVE:** Install Dryvit adhesive to the insulation using a 1/2 in. x 1/2 in. notched trowel. Adhesive ribbons shall run vertically and measure approximately 3/8 in. (9mm) when formed and will be compressed when adhered to the substrate.
- 4. INSULATION BOARD:** Secure insulation board using adhesive (Item 3). Use min. 2 in. (51mm) thick and max. 6 in. (150mm) thick, 1 pcf expanded polystyrene (EPS) board, manufactured under a quality assurance program and conforming to CAN/ULC S701 Type 1 (flame spread rating less than 500 per CAN/ULC S102.2). All outside edges are to be chamfered to 0.6 in. (15mm). Insulation board has profile consisting of three 0.4 in. (10mm) deep x 1 in. (25mm) wide rectangular grooves running vertically on the interior side of the board spaced 12 in. (305mm) oc. Between rectangular grooves are four inverted triangular grooves spaced 12 in. (305mm) oc. The grooves measure 1-1/2 in. (38mm) at the base and narrow to 0.08 in. (2mm) at the peak. The base of the triangles aligns with the perimeter chamfer at a depth of 0.6 in. (15mm).
- 5. BASE COAT:** Apply the following base coat applications to the exterior side of the insulation board (Item 4). After the initial coat, apply reinforcing mesh (Item 6) and then additional coats so that the mesh (Item 6) is completely embedded and the final thickness of the base coat is min. 1/12 in. (2mm).
- Primus DM Adhesive/Base Coat – A noncombustible protective material mixed at a 4:1 ratio with clean potable water.
- 6. REINFORCING MESH:** Apply Dryvit mesh, either "Standard®", "Standard® Plus", Intermediate Mesh 0.49 – 1.22 oz/ft² self-extinguishing, edges overlapped 3 in. (75mm) min. and embedded into the base coat (Item 5). The fiberglass mesh is pre-wrapped, back-wrapped, or edge-wrapped with 2-1/2 in. (63mm) min. face coverage at terminations to encapsulate the insulation board. For additional impact resistance, a layer of Dryvit Panzer® Meshes 1.6 – 2.2 oz/ft² may be applied to the system prior to the application of standard meshes in accordance with the manufacturer's application procedures.
- 7. FINISH COAT:** Apply Dryvit "DPR" finish, StoneMist, TerraNeo, Ameristone, LymeStone, and Custom Brick, and smooth coatings over the base coat (Item 5) in accordance with Dryvit's installation guidelines for the specific finish using stainless steel trowel.
- 8. OPTIONAL MECHANICAL FASTENING (Not Shown):** Where supplemental mechanical fastening is to be used for restraining the EPS to substrate, GridmateClass PB™, or Wind-Devil 2 washers and fasteners can be used for penetrating through the EPS into the component substrate. Details of this installation can be found in Dryvit's product literature.

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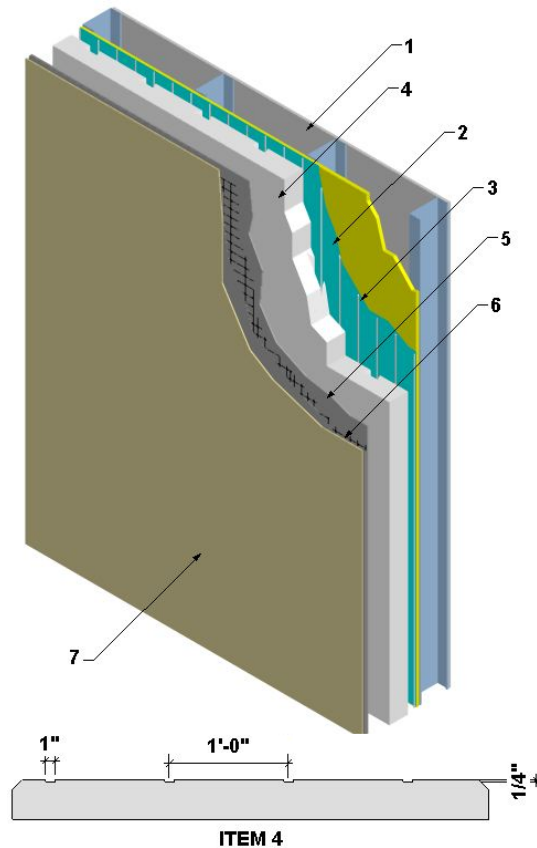
DSC-WDEIFS 15-03

Division 7 – Thermal and Moisture Protection
 07 24 00 Exterior Insulation and Finish Systems
 07 24 19 Water-Drainage Exterior Insulation and Finish Systems

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Design Number: DSC/WDEIFS 15-03
 EXTERIOR WALL SYSTEMS
 Dryvit Systems Canada
 Dryvit OUTSULATION® MD NC
 CAN/ULC S101 (2014)
 Rating: 15 Minute

Meets the Requirements of Clause 3.2.3.8(1)(b) of the National Building Code of Canada, 2015 and 2010



1. WALL ASSEMBLY: Construct a wall assembly that complies with the local Building Code or other applicable regulatory requirements when those are greater.

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Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 19 Water-Drainage Exterior Insulation and Finish Systems

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- 4. INSULATION BOARD:** Secure insulation board using adhesive (Item 3). Use min. 2 in. (51mm) thick and max. 6 in. (150mm) thick, 1 pcf expanded polystyrene (EPS) board, manufactured under a quality assurance program and conforming to CAN/ULC S701 Type 1 (flame spread rating less than 500 per CAN/ULC S102.2). Insulation board has profile consisting of .25-.40 in. (6-10mm) x 1 in. (25mm) grooves running vertically on the interior side of the board spaced 12 in. (305mm) oc. All outside edges are to be chamfered.
- 5. BASE COAT:** Apply the following base coat applications to the exterior side of the insulation board (Item 4). After the initial coat, apply reinforcing mesh (Item 6) and then additional coats so that the mesh (Item 6) is completely embedded and the final thickness of the base coat is min. 1/12 in. (2mm).
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