



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

SPEC ID: 29344

Dryvit Systems Canada
129 Ringwood Drive
Stouffville, ON, L4A 8A2
Canada

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Dryvit – Category 2 OUTSULATION EIFS Wall Systems

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

Dryvit OUTSULATION® NC 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/DAFS 15-01, DSC/WEIFS 15-01, DSC 15-02, and DSC/DAFS 15-03 for detailed specifications on each system.

RATINGS

| Standard | Rating | Design Number |
|--------------|-------------------------|---|
| CAN/ULC S101 | 15 minute Stay-in-Place | DSC/DAFS 15-01, DSC/WEIFS 15-01, DSC/DAFS 15-02, and DSC/DAFS 15-03 |

Note: The base coats within the Design Listing, Primus DM and Primus DM+, are considered non-combustible per testing conducted in accordance with CAN/ULC S114.

| <u>Attribute</u> | <u>Value</u> |
|---------------------|--|
| CSI Code | 07 24 00 Exterior Insulation and Finish Systems (EIFS) |
| Listed or Inspected | LISTED |
| Report Number | 7212; 3172311; G100182049; 100829985 |
| Criteria | CAN / ULC S101 (2007) |
| Criteria | CAN / ULC S114 (2005) |
| Intertek Services | Certification |
| Listing Section | EIFS CATEGORY 2 |

DRAWING INDEX

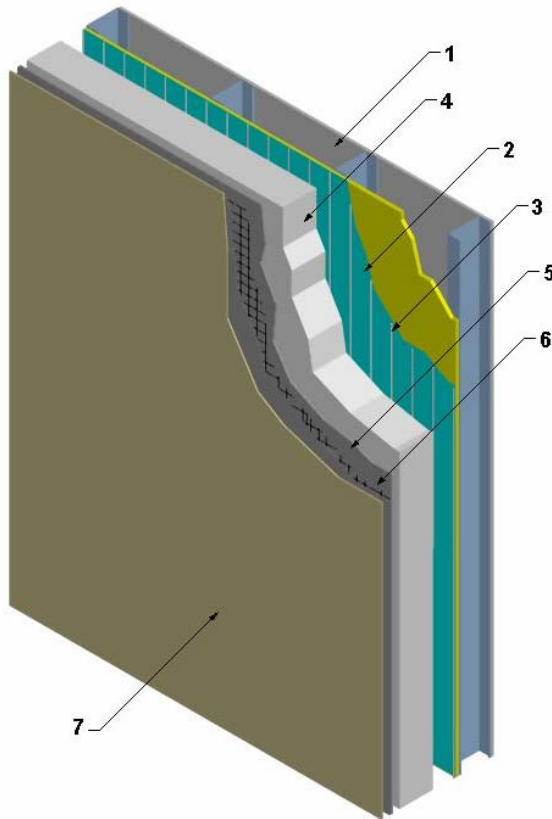
DSC-DAFS 15-01
DSC-DAFS 15-02
DSC-WEIFS 15-01

DSC-DAFS 15-01

Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 23 Direct Applied Finish Systems

Page 1 of 2

Design Number: DSC/DAFS 15-01
EXTERIOR WALL SYSTEMS
Dryvit Systems Canada
Dryvit OUTSULATION® NC, OUTSULATION® PLUS NC, AND FEDDERLITE™ 2000
CAN/ULC S101 (2007)
15 Minutes
Meets the Requirements of Clause 3.2.3.8.(1)(b) of the National Building Code of Canada,
2010



1. WALL ASSEMBLY: Construct a wall assembly that shall comply 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 maximum 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

Date Created: December 6, 2012
Project No: 100742658MID-001A



©Intertek

DSC-DAFS 15-01 (page 2 of 2)**Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 23 Direct Applied Finish Systems**

Page 2 of 2

- shall be Dryflex with mesh reinforcement.
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 manufacturers 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 ½ in. x ½ in. notched trowel, or where approved by the manufacturer use ribbon and dabs with ribbon measuring 2 in. (51 mm) in width and applied to the entire perimeter in conjunction with adhesive dabs measuring 4 in. (100 mm) 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 maximum 6 in. (150 mm) 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 one of 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 minimum 1/12 in. (2 mm).
- A. Primus DM Adhesive/Base Coat: a noncombustible protective material mixed at a 4:1 ratio with clean potable water or,
- B. 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. (75 mm) minimum and embedded into the base coat (Item 5). The fiberglass mesh is back-wrapped at the panel edges and joints of the substrate 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.

Date Created: December 6, 2012
Project No: 100742658MID-001A

©Intertek

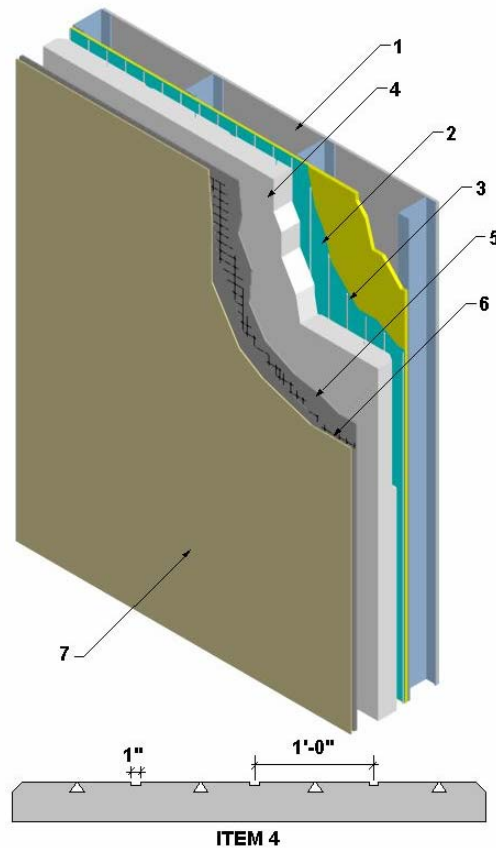
DSC-DAFS 15-02

Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 23 Direct Applied Finish Systems

Page 1 of 2

Design Number: DSC/DAFS 15-02
EXTERIOR WALL SYSTEMS
Dryvit Systems Canada
Dryvit OUTSULATION® PD NC
CAN/ULC S101 (2007)
15 Minutes

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



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

System may be installed over ICF.

Date Created: December 6, 2012
Project No: 100742658MID-001c

Total combined thickness of the exterior side ICF and the Dryvit EIFS cannot exceed maximum 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

©Intertek



DSC-DAFS 15-02 (page 2 of 2)**Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 23 Direct Applied Finish Systems**

Page 2 of 2

- shall be Dryflex with mesh reinforcement.
1. 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 manufacturers instructions or,
 - B. Dryvit Backstop NT™/NT VB: Polymer based non-cementitious air/moisture barrier applied in accordance with manufacturers instructions.
 3. ADHESIVE: Install Dryvit adhesive to the insulation using a ½ in. x ½ 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 minimum 2 in. (51 mm) thick and maximum 6 in. (150 mm) 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. (15 mm). Insulation board has profile consisting of three 0.4 in. (10 mm) deep by 1 in. (25 mm) wide rectangular grooves running vertically on the interior side of the board spaced 12 in. (305 mm) oc. Between rectangular grooves are four inverted triangular grooves spaced 12 in. (305 mm) oc. The grooves measure 1-1/2 in. (38 mm) at the base and narrow to 0.08 in. (2 mm) at the peak. The base of the triangles align with the perimeter chamfer at a depth of 0.6 in. (15 mm).
 5. BASE COAT: Apply one of 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 minimum 1/12 in. (2 mm).
 - A. Primus DM Adhesive/Base Coat: a noncombustible protective material mixed at a 4:1 ratio with clean potable water or,
 - B. 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. (75 mm) minimum and embedded into the base coat (Item 5). The fiberglass mesh is back-wrapped at the panel edges and joints of the substrate 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.

Date Created: December 6, 2012
Project No: 100742658MID-001c

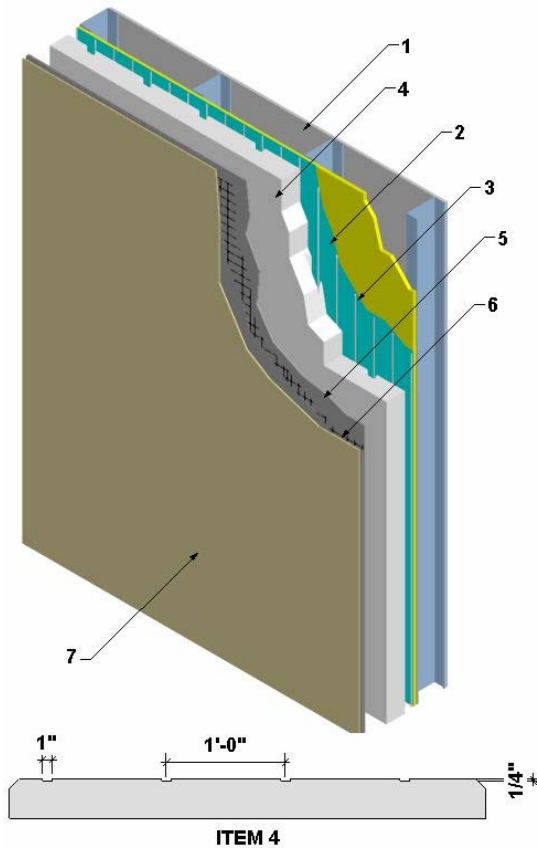
©Intertek

DSC-WEIFS 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

Page 1 of 2

Design Number: DSC/WEIFS 15-01
EXTERIOR WALL SYSTEMS
 Dryvit Systems Canada
 Dryvit OUTSULATION® MD NC and OUTSULATION® PE NC
 CAN/ULC S101 (2007)
 15 Minutes
 Meets the Requirements of Clause 3.2.3.8.(1)(b) of the National Building Code of Canada,
 2010



1. WALL ASSEMBLY: Construct a wall assembly that shall comply 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 maximum 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

Date Created: December 6, 2012
 Project No: 100742658MID-001b



©Intertek

DSC-WEIFS 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**

Page 2 of 2

- shall be Dryflex with mesh reinforcement.
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 manufacturers instructions or,
- B. Dryvit Backstop NT™/NT VB: Polymer based non-cementitious air/moisture barrier applied in accordance with manufacturers instructions.
3. ADHESIVE: Install Dryvit adhesive to the insulation using a ½ in. x ½ 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 minimum 2 in. (51 mm) thick and maximum 6 in. (150 mm) 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. (6-10 mm) by 1 in. (25 mm) grooves running vertically on the interior side of the board spaced 12 in. (305 mm) oc. All outside edges are to be chamfered.
5. BASE COAT: Apply one of 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 minimum 1/12 in. (2 mm).
- A. Primus DM Adhesive/Base Coat: a noncombustible protective material mixed at a 4:1 ratio with clean potable water or,
- B. 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. (75 mm) minimum and embedded into the base coat (Item 5). The fiberglass mesh is back-wrapped at the panel edges and joints of the substrate 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.

Date Created: December 6, 2012
Project No: 100742658MID-001b

©Intertek