

**SECTION ONE**

**A. Objective**

The objective of this guide is to provide Owners and General Contractors/Construction Managers with guidelines for Third Party Inspections that may be required by the building code for installation of Dryvit EIFS or products. This guide may also be used where inspections are not required by the building code, but the Owner or General Contractor/Construction Manager elects to hire a Third Party Inspector to oversee the installation of Dryvit EIFS or products. Independent Third Party Inspectors are engaged by Owners or General Contractors/Constructions Managers and are not agents of Dryvit Systems, Inc. These guidelines are not requirements of Dryvit Systems, Inc., but are intended to inform Owners, General Contractors/Construction Managers and independent Third Party Inspectors about the installation of Dryvit EIFS and to aid in the inspection process. These guidelines were prepared by Dryvit in good faith and should not be interpreted as creating any responsibility, warranty, guarantee or liability for Dryvit with respect to the use, design, installation or Third Party Inspection of any specific project. Although sections of these guidelines deal with sealants and flashing, sealants and flashing are not part of the Dryvit EIFS, and Dryvit, by issuing these guidelines shall not have any responsibility or liability for, nor makes any warranty or guarantee with respect to sealants or flashing material or their installation. Dryvit EIF systems covered by the guidelines include:

<b><u>System</u></b>	<b><u>Specification</u></b>	<b><u>Application Instructions</u></b>	<b><u>Installation Details</u></b>
Ousulation® System	DS118	DS204	DS107
Ousulation® Plus MD System®	DS137	DS218	DS110
Ousulation® MD System®	DS168	DS169	DS167
Ousulation® LCMD Systems 1-5™	DS171	DS172	DS170
Ousulation® RMD™	DS155	DS143	DS106
Ousulation® SMD™	DS158	DS123	DS163
Ousulation® X System	DS835	DS836	DS837

**B. Quality Policy**

Dryvit Systems, Inc. is dedicated to manufacturing the highest quality material without compromise. The Third Party Inspector should assure that all Dryvit products used, and their installation, conform to the contract documents. The Third Party Inspector should be aware of the objective and quality standards so the completed project will perform as designed.

**C. Third Party Inspector Qualifications**

1. The Third Party Inspector should be knowledgeable in the construction industry.
2. The Third Party Inspector should be knowledgeable in the installation of Exterior Insulation and Finish Systems (EIFS).
3. The Third Party Inspector should have attended a training session provided by AWCI and should possess an AWCI/EIFS Inspector Training Certificate.
4. The Third Party Inspector should be capable of reading and understanding blueprints as well as architectural details. He/she should be able to resolve discrepancies between project conditions and the project design requirements in a timely manner so as not to delay the construction schedule.
5. The Third Party Inspector should report all discrepancies and nonconforming work to the Owner, Architect, General Contractor/Construction Manager and EIFS Applicator.

**D. Inspections**

Inspections should be conducted by the Third Party Inspector in the spirit of teamwork, cooperation, and assistance in an effort to provide the Owner with a quality installation of the Dryvit EIFS. Inspections should be conducted at the various stages in the progress of installation. Any deviations

from the contract documents and/or Dryvit Specifications, Application Instructions and Installation Details should be reported to the EIFS Applicator, General Contractor/Construction Manager, Architect and Owner by the Third Party Inspector. All deviations should be corrected by the EIFS Applicator or other appropriate subcontractor prior to proceeding with the next stage of installation. The Third Party Inspector should confirm that the deviation was corrected and conforms with the contract documents.

E. Frequency of Inspections (Suggested)\*

1. Field/Panel Application
  - a. Weekly - By the independent Third Party Inspector.
  - b. Weekly - A joint inspection by the independent Third Party Inspector, EIFS Applicator, and the General Contractor/Construction Manager.
2. Field Inspection
  - a. Inspections should be conducted by the Third Party Inspector according to Section One, Paragraph E.1. Additionally, inspections should be conducted during and after completion of each application phase. Various phases of application are defined as follows:
    - 1) Material storage
    - 2) Inspection of installed substrates
    - 3) Moisture protection of substrate (if applicable)
    - 4) Installation of drainage medium (if applicable)
    - 5) Inspection of flashing (supplied by others)
    - 6) Installation of insulation board
    - 7) Application of base coat and reinforcing mesh
    - 8) Application of finish coat
    - 9) Application of sealants (supplied and installed by others)
  - b. The Third Party Inspector should complete an Inspection Report (see Section Two) and the Inspection Checklist Work Sheet (See Section Three) during each inspection of the project.
3. Final Inspection
  - a. A final inspection of the project should be conducted jointly by the Owner, Third Party Inspector, General Contractor/Construction Manager, and EIFS Applicator for the purpose of final review and acceptance of the work by the Owner.
  - b. Each of the above parties should acknowledge in writing acceptance of the completed Dryvit system application prior to request for and issuance of the Dryvit System Warranty, if any. The Third Party Inspector should complete the Third Party Inspection Certificate (see Section Four) certifying that the inspections were completed in accordance with the contract documents. A copy of the completed Inspection Certificate, Inspection Reports, and Checklist Work Sheets should be forwarded to:

Dryvit Systems, Inc.  
One Energy Way  
West Warwick, RI 02893  
Attn: Warranty Services

\*The Owner may require that the Third Party Inspector inspect the project more frequently than listed. This should be agreed upon between the Owner and the Third Party Inspector.

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Dryvit Systems, Inc.  
One Energy Way  
West Warwick, RI 02893  
(800) 556-7752  
www.dryvit.com

Information contained in this document conforms to the standard detail recommendations and specifications for the installation of Dryvit Systems, Inc. products as of the date of publication of this document and is presented in good faith. Dryvit Systems, Inc. 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 Systems, Inc.



**SECTION TWO**

**THIRD PARTY INSPECTION REPORT**

**File No.:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Project Name/Address**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Applicator Name/Address**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Certificate No.:** \_\_\_\_\_

**Type of Dryvit System:**

- Outsulation®**
- Outsulation® Plus MD System®**
- Outsulation® MD System®**
- Outsulation® LCMD™**
  - System 1**
  - System 2**
  - System 3**
  - System 4**
  - System 5**
- Outsulation® RMD™**
- Outsulation® SMD™**
- Outsulation® X System**

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**Inspections Made:**

- Material Storage**
- Substrate Inspection**
- Air/Water-Resistive Barrier**
- Installation/Application**
- Drainage Medium**
- Insulation Board Installation**
- Application of Base Coat and Reinforcing Mesh**
- Application of Finish Coat**
- Application of Sealants**
- Application of Flashing**

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List items requiring correction, corrections of previously listed findings, and previously listed uncorrected findings:

<b>Finding</b>	<b>Report Ref./Date</b>	<b>Correction</b>	<b>Complete</b>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____



**SECTION THREE**

**INSPECTION CHECKLIST WORKSHEET**

This section should be completed each time the Third Party Inspector visits the project site. Attach to Section Two at the completion of each visit.

**A. Weather (Field Application Only)**

1. Temperature: \_\_\_\_\_ at \_\_\_\_\_ AM \_\_\_\_\_  
\_\_\_\_\_ at \_\_\_\_\_ PM \_\_\_\_\_

2. Weather Condition: \_\_\_\_\_

3. 24 hour forecast: \_\_\_\_\_

4. Notes: \_\_\_\_\_  
\_\_\_\_\_

**B. Materials and Storage**

	YES	NO
1. All materials stored under cover and protected from weather	_____	_____
2. When outside storage is required	_____	_____
a. Materials stacked on the ground	_____	_____
b. Temperatures in storage area greater than 4 °C (40 °F) and less than 32 °C (90 °F)	_____	_____
3. Insulation board	_____	_____
a. Stored under cover	_____	_____
b. Stacked flat	_____	_____
c. Not exposed to direct sunlight	_____	_____

**C. Inspection of Installed Substrate**

1. Substrate type:	_____	
2. Thickness of sheathing:	_____ inch	
3. Framing c to c:	_____ inches	
4. Date of sheathing installation:	_____	
5. Correct orientation of sheathing		
a. Sheathing joints are offset from corners of openings	_____	_____
b. Edges of sheathing are supported by framing members	_____	_____
c. Fastener type and spacing per contract documents	_____	_____
d. Paper-faced gypsum facing laps to the inside	_____	_____

	YES	NO
e. Paper-faced gypsum paper firmly attached to core	_____	_____
f. Glass-mat gypsum oriented with gold coating outward	_____	_____
g. Wood-based sheathings properly gapped at edges and ends	_____	_____
6. Dimensional tolerance		
a. Flat within 1/4 inch in 4' 0" radius	_____	_____
7. Damage exceeding 3/8 inch	_____	_____
8. Clean surface, dry, free of contaminants	_____	_____
9. Notes	_____	
	_____	

**D. Air/Water-Resistive Barrier Installation (if applicable)**

	YES	NO
1. Trowel, Spray, or Roller Applied Membrane		
a. Dryvit Grid Tape™ (sheathing applications only)		
1) 4" wide supplied by Dryvit Systems, Inc.	_____	_____
2) Sheathing joints covered	_____	_____
3) Terminations covered (field and panelized)	_____	_____
4) Inside and outside corners covered	_____	_____
5) Installed at sheathing framing interface for panelized construction	_____	_____
b. Dryvit Water-Resistive Membrane		
1) Material identification		
a) Manufactured and supplied by Dryvit Systems, Inc.	_____	_____
b) Name of product: _____	_____	_____
c) Batch number: _____	_____	_____
2) Proper type for installed substrate	_____	_____
3) Ambient air temperature: ____ °F or °C	_____	_____
4) Wall temperature: ____ °F or °C	_____	_____
5) Mixing proportion (if applicable)		
a) Lump free Type I or II Portland cement	_____	_____
b) clean potable water	_____	_____
6) Pre-spot fasteners and Grid Tape locations	_____	_____
7) Continuous layer of membrane applied over entire surface area	_____	_____
a) Panelized construction-membrane extended onto framing members	_____	_____
8) Coverage per pail: _____ ft <sup>2</sup>	_____	_____

YES

NO

c. Dryvit Flashing Tape™ (sheathing applications only)

1) 4", 6", or 9" wide polyethylene film backed with rubberized asphalt supplied by Dryvit Systems, Inc.

2) Rough openings prepared in weatherboard fashion

3) Substrate expansion joints covered

4) Air and surface temperature: \_\_\_\_\_ °F or °C

5) Surface is clean, dry and smooth

6) Dryvit Flashing Tape Surface Conditioner used

7) Flashing Tape extends 2 inches over the water-resistive membrane

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

d. Notes

\_\_\_\_\_

2. Sheet Membranes

a. Type of sheet material: \_\_\_\_\_

b. Dryvit Flashing Tape installed as indicated in D.1.c.

c. Water-resistive barrier installed horizontally in a weatherboard fashion

_____	_____
_____	_____

E. Installation of Drainage Medium (if applicable)

1. Type of Drainage Medium

a. Dryvit Drainage Mat™

b. Tyvek Stucco Wrap

c. Metal or plastic lath

d. MD Spacers™

e. Grooved insulation board

1) Spacing of grooves c to c

a) 4 inch (Outsulation® RMD System™ and Outsulation LCMD System 4™)

b) 12 inch (Outsulation® Plus MD System®)

2) Proper width and depth of groove

2. Drainage medium installed in accordance with contract documents

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

YES

NO

F. Insulation Board Inspection/Installation

1. Inspection

a. Supplied by a licensed supplier of insulation board

\_\_\_\_\_

b. Proper type of given project

1) Expanded polystyrene (EPS)

\_\_\_\_\_

2) Polyisocyanurate

\_\_\_\_\_

c. Proper packaging

1) Polyethylene bags (EPS)

\_\_\_\_\_

2) Lot number marked on bag (EPS)

\_\_\_\_\_

d. Proper marking on board

1) Each board edge marked

\_\_\_\_\_

2) One board each package marked both faces

\_\_\_\_\_

e. Dimensional tolerance

1) EPS

a) Thickness 3/4"-1" = +1/16", 1"-4" = +/- 1/16"

\_\_\_\_\_

b) Width = +/- 1/16"

\_\_\_\_\_

c) Length = +/- 1/16"

\_\_\_\_\_

d) Squareness < 1/32" in 12"

\_\_\_\_\_

e) Flatness < 1/32" in 4' - 0"

\_\_\_\_\_

2) Polyisocyanurate

a) Thickness 5/8" & 3/4" = + .10" - 0"

\_\_\_\_\_

1" = + .122" - 0"

\_\_\_\_\_

1 1/2" = + .136" - 0"

\_\_\_\_\_

b) Width = +/- 1/16"

\_\_\_\_\_

c) Length = +/- 1/4"

\_\_\_\_\_

d) Squareness = 3/16" max. (diagonal)

\_\_\_\_\_

f. Notes:

\_\_\_\_\_  
\_\_\_\_\_

2. Installation

a. Date of Installation: \_\_\_\_\_

b. Ambient air temperature: \_\_\_\_\_ °F or °C

c. Wall temperature: \_\_\_\_\_ °F or °C

d. Material Identification – adhesive

1) Manufactured and supplied by Dryvit Systems, Inc.

\_\_\_\_\_

2) Name of product: \_\_\_\_\_

3) Batch number: \_\_\_\_\_

4) Proper type for installed substrate

\_\_\_\_\_

5) Mixing proportion

a) Lump free Type I or II Portland cement

\_\_\_\_\_

b) Clean potable water

\_\_\_\_\_

6) Notch trowel 3/8" w x 1/2" 2 x 1 1/2" c to c used to apply adhesive

\_\_\_\_\_

7) Adhesive applied with ribbons running vertically along width of insulation board

\_\_\_\_\_

	YES	NO
<b>e. Material identification – mechanical fasteners</b>		
<b>1) Proper type for system being installed</b>		
<b>2) Corrosion resistant fasteners</b>		
<b>3) Proper length of fastener</b>		
<b>4) Washer plates flush with surface of insulation board</b>		
<b>f. Dryvit Detail Mesh® attached to the substrate for back wrapping at system terminations</b>		
<b>g. Insulation boards installed with long edges oriented horizontally – EPS only</b>		
<b>h. Insulation boards installed in a running bond with vertical joints staggered</b>		
<b>i. Insulation board joints tightly butted</b>		
<b>j. Insulation board joints offset from sheathing board joints a minimum of 8 inches</b>		
<b>k. Insulation board joints at all inside and outside corners are staggered and interlocked</b>		
<b>l. Insulation board cut in an “L” shape piece around all openings</b>		
<b>m. Insulation board terminates a minimum of 8 inches above finished grade</b>		
<b>n. Insulation board terminates with proper gap at the abutment of dissimilar materials</b>		
<b>o. Expansion joints positioned at proper locations</b>		
<b>p. Minimum thickness of insulation board at base of aesthetic reveals is 3/4 inch</b>		
<b>q. Projecting features incorporate proper slope requirements</b>		
<b>r. Projecting features pattern per contract documents</b>		
<b>s. Fasteners installed into framing members or nailable substrate</b>		
<b>t. 100% of insulation board (EPS) sanded flat</b>		
<b>u. Slivers of insulation board/foam spray installed where required</b>		
<b>v. Notes:</b>		



	YES	NO
<b>r. Standard base coat</b>		
1) Base coat applied to wall surface prior to embedding reinforcing mesh	_____	_____
2) Reinforcing mesh overlapped a minimum of 2 1/2" at all edges	_____	_____
3) Applied opposite direction of Panzer Mesh when used as a second layer	_____	_____
4) Offset a minimum of 8" from Panzer Mesh edges (when applicable)	_____	_____
5) Reinforcing mesh not lapped within 8" of any corner	_____	_____
6) Reinforcing mesh continuous through aesthetic reveals	_____	_____
7) All foam shapes are covered with base coat and reinforcing mesh	_____	_____
8) Reinforcing mesh is totally embedded. There is no mesh color visible	_____	_____
9) Base coat mixture applied smoothly and free of trowel marks	_____	_____
10) For panel applications base coat and reinforcing mesh is extended onto framing	_____	_____
s. Base coat coverage per pail: _____ ft <sup>2</sup>		
t. Notes: _____		

**H. Finish Coat Application**

<b>1. Inspection of reinforced base coat</b>		
a. Base coat free of irregularities	_____	_____
b. Base coat clean, dry, free of dust, dirt efflorescence or other contaminants	_____	_____
c. Base coat has no reinforcing mesh show through	_____	_____
<b>2. Finish coat application</b>		
a. Manufactured and supplied by Dryvit Systems, Inc.	_____	_____
b. Finish type: _____		
c. Batch number: _____		
d. Date of installation: _____		
e. Ambient air temperature: _____ °F or °C		
f. Wall temperature: _____ °F or °C		
g. Finished mixed in accordance with Dryvit Application Instructions	_____	_____
h. Amount of water added to each pail: _____		
i. Spray or trowel applied: _____		
j. Finish applied to proper thickness	_____	_____
k. Finish not installed in joints at terminations, expansion, etc.	_____	_____
l. All finish material from same batch	_____	_____

	YES	NO
m. Texture and color consistent	_____	_____
n. Cold joints	_____	_____
o. Coverage per 5 gallon paid _____ ft <sup>2</sup>	_____	_____
p. Notes: _____	_____	_____

**I. Flashings (Not part of Dryvit EIF System)**

1. Flashing at openings installed per contract documents and Dryvit Installation Details	_____	_____
2. Cap flashing installed as soon as practical after installation of Dryvit system	_____	_____
3. Cap flashing sloped toward roof	_____	_____
4. Roof wall intersection diverters are installed per contract documents and Dryvit Installation Details	_____	_____
5. Flashing provided in sections is properly sealed	_____	_____
6. Flashing extends a minimum of 2 1/2" over the surface of the Dryvit system	_____	_____
7. Flashing includes a drip edge	_____	_____
8. Exposed vertical leg of flashing is tight against the surface of the Dryvit system	_____	_____
9. Notes: _____	_____	_____

**J. Sealants (Not part of Dryvit EIF System)**

1. Finish joint width is in accordance with contract documents	_____	_____
2. Joint width is uniform	_____	_____
3. Dryvit Demandit® or Color Prime™ applied over base coat to receive sealant	_____	_____
4. Joint to be sealed is clean, dry, and frost free	_____	_____
5. Date of installation: _____	_____	_____
6. Ambient air temperature: _____ °F or °C	_____	_____
7. Surface temperature: _____ °F or °C	_____	_____
8. Type of sealant: _____	_____	_____
a. Batch number _____	_____	_____
9. Type of sealant primer: _____	_____	_____
a. Batch number: _____	_____	_____
10. Field adhesion test performed by sealant manufacturer	_____	_____
11. Sealant primer applied on surface of Dryvit system to be sealed	_____	_____
12. Closed cell backer rod installed	_____	_____
13. Bond breaker tape installed	_____	_____
14. Sealant mixed and applied per manufacturer's instructions	_____	_____
15. Proper width to depth ratio	_____	_____
16. Sealant properly tooled	_____	_____
17. Notes: _____	_____	_____

**SECTION FOUR**

**THIRD PARTY INSPECTION CERTIFICATE**

To (Owner): \_\_\_\_\_

Date: \_\_\_\_\_

Re: Project: \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_

**FINAL INSPECTION REPORT**

Type of Dryvit System:

Outsulation® System \_\_\_\_\_

Outsulation® Plus MD System® \_\_\_\_\_

Outsulation® MD System® \_\_\_\_\_

Outsulation® LCMD™ System \_\_\_\_\_

System 1 \_\_\_\_\_

System 2 \_\_\_\_\_

System 3 \_\_\_\_\_

System 4 \_\_\_\_\_

System 5 \_\_\_\_\_

Outsulation® RMD™ \_\_\_\_\_

Outsulation® SMD™ \_\_\_\_\_

Outsulation® X System \_\_\_\_\_

This is to certify that I performed an inspection of the Dryvit \_\_\_\_\_ System at the above address.

Based upon my personal observation and written reports of the installation of the Dryvit system, it is my judgment that the inspected installation was performed, to the best of my knowledge, in accordance with the approved plans, the most current Dryvit \_\_\_\_\_ Specifications, dated \_\_\_\_\_, Application Instructions, dated \_\_\_\_\_, and Installation Details, dated \_\_\_\_\_.

Very truly yours,

Third Party Inspector

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

General Contractor

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Owner

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Applicator

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

A copy of this certificate should be returned to Dryvit Systems, Inc. accompanied with the Third Party Inspection Reports (see Section Two) and Inspection Checklist Work Sheets (see Section Three)