

DRYVIT TECHNICAL SERVICES

THIRD-PARTY INSPECTION GUIDELINES FOR OWNERS AND GENERAL CONTRACTORS/CONSTRUCTION MANAGERS

DS150

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 Tremco Construction Products Group (CPG) These guidelines are not requirements of Dryvit, 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 are not requirements of Tremco CPG Inc., but rather are intended to inform Owners, General Contractors/Construction Managers, and independent Third-Party Inspectors about the installation of Tremco Dryvit brand EIFS, and to aid in the inspection process. Nevertheless, it is solely the duty of the Owners, General Contractors/Construction Managers, and independent Third-Party Inspectors to ensure that the Tremco Dryvit brand EFIS has been properly inspected in accordance with any federal, state, and local laws and regulations, and in accordance with industry standards. These guidelines were prepared by Tremco CPG Inc. in good faith and should not be interpreted as creating any responsibility, warranty, guarantee or liability for Tremco 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 Tremco Dryvit brand EIFS, and Tremco, 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, unless the parties otherwise agree. Tremco Dryvit brand EIF systems covered by the guidelines include:

<u>System</u>	Specification	Application Instructions	Installation <u>Details</u>
Outsulation [®] System	DS118	DS204	DS107
Outsulation [®] Plus MD System [®]	DS137	DS218	DS110
Outsulation [®] Plus MD Securock ExoAir 430	DS902	DS901	DS903
Outsulation [®] MD System [®]	DS168	DS169	DS167
Outsulation [®] MD Securock ExoAir 430	DS906	DS905	DS907
Outsulation [®] LCMD Systems 1-5™	DS171	DS172	DS170
Outsulation [®] PE System	DS943	DS845	DS846
Outsulation [®] PE Securock ExoAir 430	DS914	DS913	DS915
Outsulation [®] RMD™	DS155	DS143	DS106
Outsulation [®] X System	DS835	DS836	DS837
Outsulation Masonry Veneer System	DS977	DS976	DS978
Outsulation [®] HDCI™ System	DS864	DS865	DS866

B. Quality Policy

Dryvit 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 or masonry veneer as specified
 - 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 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

3735 Green Road Beachwood, OH 44122 (401) 822-4100 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.

Dryvit 3735 Green Road Beachwood, OH 44122 www.dryvit.com	Information contained in this document 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.
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For more information on Dryvit Systems or Continuous Insulation, visit these

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 [®] Plus MD Securock ExoAir 430 Outsulation [®] MD System [®] Outsulation [®] MD Securock ExoAir 430 Outsulation [®] PE System Outsulation [®] PE Securock ExoAir 430 Outsulation [®] LCMD [™] Systems System 1 System 2 System 3 System 4 System 5 Outsulation [®] RMD [™] System Outsulation [®] X System Outsulation [®] X System Outsulation [®] HDCI System	
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 or Masonry Veneer Application of Sealants Application of Flashing	

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

Finding	Report Ref./Date	Correction	Complete

To the best of my knowledge, work inspected was in accordance with the project specification and latest Dryvit *______ System Specifications, dated ______, Application Instructions, dated ______, and Installation Details, dated ______, except as noted above. In case of discrepancy between the Specifications, Application Instructions and Details, and Dryvit's suggested Specifications, Application Instruction and Details for the system being installed, the third-party inspector shall have the design professional confirm in writing which documents apply.

* Fill in name of system.

Comments:

Signed:	
Date:	
Print Full Name:	
Company Name:	
Address:	

Telephone: E-Mail Address:

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		
1 All materials stored under cover and	YES	NO
protected from weather		
2. When outside storage is required		
a. Materials stacked on the ground b. Temperatures in storage area greater		
than 40 °F (4 °C) and less than 90 °F		
(32 °C) (Refer to specific product data	1	
SNEETS) 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:	inche	S
4. Date of sheathing installation:		-
5. Correct orientation of sheathing	re	
of openings	5	
b. Edges of sheathing are supported by		
framing members		
c. rastener type and spacing per contrac documents	;L	

NO
NO

	YES	NO
c. Drvvit AquaFlash [®] System		
1) 4 in 6 in or 9 in Moch		
$(1) 4 (1), 0 (1) (1) 9 (1) West \\ (2) A gue Fleeb Meeh fully embedded in (2)$		
2) Aquariash Mesh fully embedded in		
AquaFlash Liquid		
Air and surface temperature:		
°F or °C		
4)Surface is clean, dry and smooth		
e. Notes		
2 Shaet Mambranaa		
2. Sheet membranes		
a. Type of sheet material:		
b. Flashing Tape installed as per		
manufacturer's instructions		
c. Water-resistive barrier installed		
horizontally in a weatherboard fashion		
E. Installation of Drainage Medium (if applicable)		
1. Type of Drainage Medium		
a. Drvvit 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) A inch (Outsulation CMD		
a) 4 mcm (Outsulation LCMD		
System ^m S)		
D) 12 Inch (Outsulation [®] MD		
System [°] , Outsulation MD		
Securock ExoAir 430,		
Outsulation PE System and		
Outsulation PE Securock ExoAir		
430)		
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) Xnergy [™] Board (Extruded polystyrene)		
3) Polyisocyanurate		
c. Proper packaging		
1) Polyethylene bags (EPS)		
2) Lot number marked on bag (EPS)		
d. Proper marking on board (EPS)		
1) Each board edge marked		
2) One board each package marked		
DUII laces		
a)		
$\frac{1}{1}$ in-4 in = +/- 1/16 in		
b) Width = $\pm 1/16$ in		
c) Length = $\pm 1/2$ in		
d) Squareness $< 1/3$ in in 1 in		
e) Flatness $< 1/32$ in in 4 ft – 0 in		
2) Extruded Polystyrene		
a) Thickness 1 in, 1 1/2 in, 2 in,		
2 1/2 in, 3 in 4 in		
b) Width = +/- 1/16 in		
c) Length = +/- 1/16 in		
d) Squareness < 1/32 in in 12 in		
e) Flatness < 1/32 in in 4 ft – 0 in		
f. Notes:		
• • • • • • • • • • • • • • • • • • •		
2. Installation		
a. Date of Installation:		
D. Ampient air temperature: *F or *C		
c. wan temperature: *F* Of *C		
u. material identification – adnesive		
ny manufactured and supplied by		
2) Name of product:		
2) Name of product		
 a) Data Humber. A) Proper type for installed substrate 		
H FIOPEI LYPE IOI IIISLAIIEU SUDSLIALE		

	YES	NO
5) Mixing proportion		
a) Lump free Type I or II Portland		
cement		
b) Clean potable water		
6) Notch trowel 3/8 in w x 1/2 in		
2 x 1 1/2 in c to c used to apply		
adhesive		
7) Adhesive applied with ribbons		
running vertically along width of		
insulation board		
e. Material identification – mechanical		
fasteners		
1) Proper type for system being		
installed		
2) Corrosion resistant fasteners		
3) Proper length of fastener		
4) Washer plates flush with surface of		
insulation board		
f. Drvvit Detail Mesh [®] attached to the		
substrate for back wrapping at system		
terminations		
q. Insulation boards installed with long		
edges oriented horizontally, – EPS and		
XPS		
h. Insulation boards installed in a running		
bond with vertical joints staggered		
i. Insulation board joints tightly butted		
j. Insulation board joints offset from		
sheathing board joints a minimum of		
8 inches		
k. Insulation board joints at all inside and		
outside corners are staggered and		
Interlocked		
I. Insulation board cut in an "L" snape		
piece around all openings		
of 6 inches above finished grade		
n Insulation board terminates with proper		
nan at the abutment of dissimilar		
materials		
o. Expansion joints positioned at proper		
locations		
p. Minimum thickness of insulation board		
at base of aesthetic reveals is 3/4 inch		
q. Projecting features incorporate proper		
slope requirements		
r. Projecting features pattern per contract		
documents		
s. Fasteners installed into framing		
members or nailable substrate		
t. TUU% OF INSUIATION DOARD (EPS) SANDED		
IIal		

u. Slivers of insulation board/foam spray installed where required	YES	NO
Notes:		
G. Application of Base Coat and Reinforcing Mesh	YES	NO
1. Inspection of Installed Insulation		
a. Surface of insulation board has been		
sanded to remove all irregularities –		
EPS and XPS		
b. All insulation boards are tightly butted or filled with insulating material		
c. Surface of insulation board is clean, dry		
flat and all sanding dust is removed		
d There is no LIV damage of insulation		
hoard from extended exposure		
 Damaged insulation hoard has been 		
replaced		
2 Base Coat and Reinforcing Mesh		
Annlication		
a Manufactured and supplied by		
Drvvit		
h Name of product:		
c Batch number:		
d Proper product for application		
e. Mixing proportion		
1) Lump free Type I or II Portland		
cement		
2) Clean potable water		
f. Type of reinforcing mesh:		
g. Date of installation:		
h. Ambient air temperature: °F or °C		
i. Wall temperature: °F or °C		
j. Base coat mixture used to embed		
previously installed Detail Mesh for		
back wrapping		
k. Corner Mesh when specified is		
embedded in base coat prior to		
installing overall base coat		
I. Corners of all openings have additional		
reinforcement as shown in Dryvit		
Application instructions		
m. Base coat applied to wall surface prior		
to embedding remorcing mesh p. Papzor [®] Moch installed as first lavor		
(where specified)		
 Edges of Panzer Mesh butted tightly, not overlapped 		
p. Panzer Mesh totally embedded in base		
coat		
q. Base coat allowed to dry minimum of		
24 hours prior to applying second layer		

	YES	NO
r. Standard base coat		
1) Base coat applied to wall surface		
prior to embedding reinforcing mesh		
2) Reinforcing mesh overlapped a		
minimum of 2 1/2 in at all edges		
3) Applied opposite direction of Panzer		
Mesh when used as a second layer		
4) Offset a minimum of 8 in from Panzer		
Mesh edges (when applicable)		
Reinforcing mesh not lapped within		
8 in of any corner		
6) Reinforcing mesh continuous		
through aesthetic reveals		
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 ²		
t. Notes:		
H. Finish Coat Application		
1. Inspection of reinforced base coat		
a. Dase coat clean dry free of duct dirt		
D. Base Coal Clean, dry, nee of dust, unt		
c Base cost has no reinforcing mosh show		
through		
2 Finish cost application		
a Manufactured and supplied by		
a. Manufactured and Supplied by Dravit		
h Finish type:		
c Batch number:		
d Date of installation:		
e Ambient air temperature: °F or °C		
f Wall temperature: <u>°F or °C</u>		
g. Finish mixed in accordance with Dryvit		
Application Instructions		
h. Amount of water added to each pail:		
I. Sprav or trowel applied:		
i. Finish applied to proper thickness		
k. Finish not installed in joints at		
terminations, expansion, etc.		
I. All finish material from same batch		

	YES	NO
m. Texture and color consistent		
n. Cold joints		
o. Coverage per 5 gallon paid ft ²	2	
3. Masonry Veneer Application		
a. Masonry Veneer is recognized in a curr compliance with ICC-ES AC51 Accept Stone Masonry and ASTM C1670 Stan	rent ICC ES Evaluation F ance Criteria for Adhere dard Specification for A	Report demonstrating d Manufactured dhered
Manufactured Stone Masonry Units		
b. Masonry Veneer is minimum 6mm thic	k and does not exceed 1	5 lb/ft² (70 kg/m²)
b. Reinforcing mesh is Intermediate Mesh	n or heavier	
c. Date of installation:		
e. Ambient air temperature: °F or	°C	
f. Wall temperature: °F or C°		
g. Primus for skim coat and masonry ven	eer adhesive mixed in a	ccordance with
Dryvit Application Instructions		
h. Amount of water added to skim coat		
i. Amount of water added to adhesive		
j. Type of mortar installed		
k. Sealant installed according to manufac	turer's instructions	
I. Flashings ()	YES	NO
1. Flashing at openings installed per contrac	t	
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 and Dryvit		
Installation Details		
5. Flashing provided in sections is sealed		
6. Flashing extends a minimum of 2 1/2 in		
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		

SECTION FOUR

THIRD PARTY INSPECTION CERTIFICATE

Το (Ον	wner):		Date:	
Re: P A C	Project: Address: City/State:			
FINAL	INSPECTION REPORT			
Type of Outs Outs Outs Outs Outs Outs Outs Sys Sys Sys Sys Sys Outs Outs Outs Outs	of Dryvit System: sulation [®] sulation [®] Plus MD System [®] sulation [®] Plus MD Securoc sulation [®] MD System [®] sulation [®] MD Securock Exc sulation [®] PE System sulation [®] PE Securock Exc sulation [®] LCMD [™] Systems stem 1 stem 2 stem 3 stem 4 stem 5 sulation [®] RMD [™] System sulation [®] RMD [™] System sulation [®] X System sulation [®] HDCI System sulation [®] HDCI Securock Exc sulation [®] HD	k ExoAir 430 oAir 430 Air 430 ystem xoAir 430		
This is at the	s to certify that I performed above address.	l an inspection of t	he Dryvit	System
Based systen knowle Specif Install	upon my personal observ n, it is my judgment that th edge, in accordance with t fications, dated ation Details, dated	ation and written r le inspected install he approved plans _, Application Instr 	eports of the installation of ation was performed, to th , the most current Dryvit _ uctions, dated	f the Dryvit e best of my _, and
Very ti	ruly yours,			
Third I By: Title: _	Party Inspector	Date:	General Contractor By: Title:	Date:
Owner By: Title: _	r	Date:	Applicator By: Title:	Date:

A copy of this certificate should be returned to Dryvit accompanied with the Third-Party Inspection Reports (see Section Two) and Inspection Checklist Work Sheets (see Sec. Three) 14 DS150 07.2023

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc



dryvit.com | 800.556.7752



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