



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Carpenter Company**  
**5100 Frontage Road South**  
**Lakeland, FL 33815**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Preformed Block Type EPS Insulation

**APPROVAL DOCUMENT:** Drawing No. **CC001**, titled "Preformed Block Type Insulation," sheet 1 of 1, dated 02/27/2017, revised on July 2023, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., on 09/08/2023 bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** None

**LABELING:** Each board shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA #22-0406.03** and consists of this page 1, evidence submitted pages E-1, E-2 & E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
12/07/2023

NOA No 23-0911.08  
Expiration Date: 04/11/2027  
Approval Date: 12/07/2023  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **CC001**, titled "Preformed Block Type Insulation," sheet 1 of 1, dated 02/27/2017, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.

**B. TESTS "*Submitted under NOA # 06-1228.07*"**

	<b><u>Laboratory</u></b>	<b><u>Test</u></b>	<b><u>Date</u></b>	<b><u>Signature</u></b>
1.	Radco 2754a	ASTM E 84	11/13/07	R. F. Tucker, P.E.
2.	Radco 2668	ASTM C 303	11/13/07	R. F. Tucker, P.E.
3.	Radco 2668	ASTM C 518	11/13/07	R. F. Tucker, P.E.
4.	Radco 2668	ASTM D1621	11/13/07	R. F. Tucker, P.E.
5.	Radco 2668	ASTM C 203	11/13/07	R. F. Tucker, P.E.
6.	Radco 2668	ASTM E96	11/13/07	R. F. Tucker, P.E.
7.	Radco 2668	ASTM C272	11/13/07	R. F. Tucker, P.E.
9.	Radco 2668	ASTM D2863	11/13/07	R. F. Tucker, P.E.
10.	Radco 2668	ASTM D2126	11/13/07	R. F. Tucker, P.E.
11.	CTC 02-02434	ASTM D1929	02/27/02	J. Jackson.

**C. CALCULATION**

1. None.

**D. QUALITY ASSURANCE**

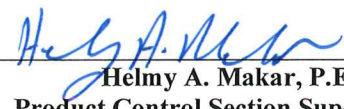
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATION**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by Building Drops, Inc., dated 06/06/2017, signed and sealed by Hermes F. Norero, P.E.  
  
*"Submitted under NOA # 11-1222.01"*
2. Statement letter of code conformance to 2007 and 2010 FBC issued by Chastain Skillman, Inc, dated 09/12/2012, signed and sealed by Steven A. Dutch, P.E.  
  
*"Submitted under NOA # 06-1228.07"*
3. No financial interest letter issued by Chastain Skillman, Inc, dated 10/01/2007, signed by Raymond F. Tucker, P.E.

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No 23-0911.08  
Expiration Date: 04/11/2027  
Approval Date: 12/07/2023

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0504.08**

**A. DRAWINGS**

1. *Drawing No. CC001, titled "Preformed Block Type Insulation," sheet 1 of 1, dated 02/27/2017, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., ON April 16, 2018.*

**B. TESTS**

1. *None.*

**C. CALCULATION**

1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade Department of Regulatory and Economic Resources (RER).*

**E. MATERIAL CERTIFICATION**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of code conformance to the 6<sup>th</sup> edition (2017) FBC issued by Building Drops, Inc., dated 04/30/2018, signed and sealed by Hermes F. Norero, P.E.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-1211.03**

**A. DRAWINGS**

1. *Drawing No. CC001, titled "Preformed Block Type Insulation," sheet 1 of 1, dated 02/27/2017, revised on Nov. 2020, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., on 12/07/2020.*

**B. TESTS**

1. *None.*

**C. CALCULATION**

1. *None.*

**D. QUALITY ASSURANCE**

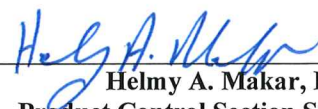
1. *By Miami-Dade Department of Regulatory and Economic Resources (RER).*

**E. MATERIAL CERTIFICATION**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of code conformance to the 7<sup>th</sup> edition (2020) FBC issued by Building Drops, Inc., dated 11/17/2020, signed and sealed by Hermes F. Norero, P.E.*



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No 23-0911.08  
Expiration Date: 04/11/2027  
Approval Date: 12/07/2023



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #22-0406.03**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATION**

1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade Department of Regulatory and Economic Resources (RER).*

**E. MATERIAL CERTIFICATION**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of code conformance to the 7<sup>th</sup> edition (2020) FBC issued by Building Drops, Inc., dated 11/17/2020, signed and sealed by Hermes F. Norero, P.E.*

**5. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. CC001, titled "Preformed Block Type Insulation," sheet 1 of 1, dated 02/27/2017, revised on July 2023, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., on 09/08/2023.*

**B. TESTS**

1. *None.*

**C. CALCULATION**

1. *None.*

**D. QUALITY ASSURANCE**


1. *By Miami-Dade Department of Regulatory and Economic Resources (RER).*

**E. MATERIAL CERTIFICATION**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of code conformance to the 8<sup>th</sup> edition (2023) FBC issued by Building Drops, Inc., dated 07/03/2023, signed and sealed by Hermes F. Norero, P.E.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No 23-0911.08  
Expiration Date: 04/11/2027  
Approval Date: 12/07/2023

# CARPENTER COMPANY

## PREFORMED BLOCK TYPE INSULATION

Table of Properties

Description	Properties		Type 1 ASTM		Test
	Carpenter EPS	C578 Specifications			
Density	0.987 pcf	0.9 pcf min			ASTM D-1622
Thermal Transmissions	3.977 Hr-ft <sup>2</sup> -°F/BTU	3.85 Hr-ft <sup>2</sup> -°F/BTU			ASTM C-518
Compressive resistance	12.09 psi	10 psi min			ASTM D-1621
Flexural Strength	25.68 psi	25 psi min			ASTM C-203
Water Vapor Transmission	2.916 perms	1.2 to 3.0 perms			ASTM E-96
Water Absorption	1.75% volume	< 3.5%			ASTM C-272
Oxygen Index	Passed	--			ASTM D-2863
Dimensional Stability	Passed	--			ASTM D-2126
Flame Spread	0 (Ceiling Only)	< 75			ASTM E-84
Smoke Index	4.5 (Ceiling/Floor)	< 75			ASTM E-84
	10 (Ceiling Only)	< 450			
Self Ignition Temperature	450 (Ceiling/Floor)	< 450			ASTM D-1929
	952 °F	> 650			

### General Notes:

1. The Carpenter EPS insulation complies with ASTM C-578 for Type 1 foam plastic insulation.
2. Application of Carpenter EPS insulation shall comply with all pertinent sections of the 8th Edition 2023 Florida Building Code, in particular section 2603.
3. This product has not been evaluated for outdoor exposure therefore it shall be fully protected from the elements at all times.
4. Installation of Carpenter EPS may be made with cement mortar on mechanical fasteners.
5. This product cannot be used as sheathing and it shall be continuously supported by a structural backing.

**PRODUCT REVISED**  
as complying with the Florida  
Building Code

Acceptance No **23-0911-08**  
Expiration Date **04/11/2027**

By *Heidi A. Miller*  
Miami Dade Product Control



CARPENTER  
COMPANY  
5100 FRONTAGE RD. SOUTH  
LAKELAND, FL 33815  
PH: (883) 687-9484

PREFORMED BLOCK  
TYPE INSULATION

TITLE:

PREPARED BY:  
BUILDING DROPS, INC.

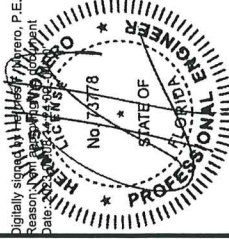
398 E. DANIA BEACH BLVD., STE. 308  
DANIA BEACH, FL 33004  
PH: (954) 939-8428  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com



REMARKS	BY	DATE
FBC 2020 UPDATE	LL	11/20
FBC 2023 UPDATE	OL	07/23

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL INSTRUCTIONS ONLY. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. A LICENSED PROFESSIONAL ENGINEER SHALL BE REQUIRED TO SIGN AND SEAL ANY DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by *Heidi A. Miller*, P.E.,  
Reason: I am the signatory.  
Date: 2023.07.23 14:53:53 -0400



HERNAN F. NUNEZ, P.E.  
FLORIDA P.E. No. 73378  
BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD., STE. 308  
DANIA BEACH, FL 33004  
FPE CERT. OF AUTHORIZATION No. 28578

DATE:	02.27.17
DWG. BY:	LMS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	CC001
SHEET:	

1

OF 1