



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

PRODUCT APPROVAL EVALUATION RULE CHAPTER #61G20-3 • METHOD 1 OPTION D

FL 18514

Date: 05/20/2021

Detailed Product Description:

Manufacturer: HERCUTECH, INC

Manufacturer Address: 8980 S. McKemy St., Suite 101. Tempe, AZ 85284

Model Name: HERCUWALL 8" COMPOSITE WALL SYSTEM

Maximum Load: +110 PSF, -110 PSF (Large Missile Impact)

Installation Drawings # 15-1139

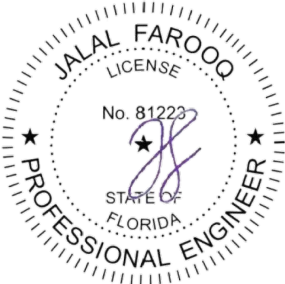
This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.

For maximum sizes, combination of span vs loads refer to installation drawings.

Comparative analysis used ☐ Yes ☒ No

Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)

TEST	DESCRIPTION	TEST LOCATION	REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Hurricane Engineering & Testing, Inc.	08/28/2015 08/28/2015 04/18/2012 04/18/2012 07/21/2017 10/09/2018 10/09/2018 11/12/2020 11/12/2020	HETI-15-5100 HETI-15-5101 HETI-11-3320 HETI-11-3324 HETI-17-5052 HETI-18-6066 HETI-18-6068 HETI-19-7052 HETI-19-7054	Rafael E. Droz-Seda, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc.	08/28/2015 08/28/2015 04/18/2012 04/18/2012 07/21/2017 10/09/2018 10/09/2018 11/12/2020 11/12/2020	HETI-15-5100 HETI-15-5101 HETI-11-3320 HETI-11-3324 HETI-17-5052 HETI-18-6066 HETI-18-6068 HETI-19-7052 HETI-19-7054	Rafael E. Droz-Seda, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing, Inc.	08/28/2015 08/28/2015 04/18/2012 04/18/2012 04/18/2012 07/21/2017 10/09/2018 10/09/2018 11/12/2020 11/12/2020	HETI-15-5100 HETI-15-5101 HETI-11-3320 HETI-11-3324 HETI-12-4008 HETI-17-5052 HETI-18-6066 HETI-18-6068 HETI-19-7052 HETI-19-7054	Rafael E. Droz-Seda, P.E.

ASTM C109 OR ASTM E72 ASTM E564	Compressive/Shear Strength	Hurricane Engineering & Testing, Inc. QAI Laboratories	08/28/2015 10/09/2018 06/15/2017 06/19/2017 08/16/2017	HETI-15-C121 HETI-18-C105 RJ5179P-1R1 RJ5179P-4 RJ5612P-2R1	Rafael E. Droz-Seda, P.E. V. Andrew Tan, P.E.
Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
FBC 1626.2 (TAS 201 & 203) ASTM E1886/1996	Large Missile Impact & Cyclic	Hurricane Engineering & Testing, Inc.	08/28/2015 08/28/2015 04/18/2012 04/18/2012 04/18/2012 07/21/2017 10/09/2018 10/09/2018 11/12/2020 11/12/2020	HETI-15-5103 HETI-15-5104 HETI-11-3320 HETI-11-3324 HETI-12-4008 HETI-17-5055 HETI-18-6067 HETI-18-6069 HETI-19-7053 HETI-19-7055	Rafael E. Droz-Seda, P.E.
Under the limitations of the attached installation drawings, to the best of my knowledge and ability, the above product conforms to the requirements of the 2020 Florida Building Code.					
Evaluation Report Engineer: Jalal Farooq Al-Farooq Corporation			 5/25/2021		
Jalal Farooq Al-Farooq Corporation			PE # 81223 EB # 3538		