

JAVAD AHMAD PE, inc

CONSULTING | STRUCTURAL DESIGN | FACADES | BUILDING ENVELOPE | SYSTEM DESIGN | PRODUCT APPROVALS

PRODUCT EVALUATION REPORT

Florida Building Code - 8th Edition (2023) -Per Rule 61G20-3 / Method 1 - D

FL #: 39158 DATE: 12/22/2023

Product Description

Manufacturer: OGT WINDOW PRODUCTS, LLC Address: 6910 NW 42nd Street, Doral, FL 33166 Model Name: **OGT-700 Aluminum Window Wall System** Maximum Load: + 110.0 PSF / - 110.0 PSF (Large Missile Impact)

Drawing No.: dated: 12-06-23, signed and sealed by Javad Ahmad, PE. FL License No. 70592 JA-1692-23

This product COMPLIES with the 2023 Florida Building Code - 8th Edition (2023 FBC) for use in the High-Velocity Hurricane Zone (HVHZ) per TAS 201/202/203.

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

Comparative Analysis used:

YES

O NO

Mandatory Tests (Tested in accordance with AAMA 501 / 101 / I.S.2 / NAFS / TAS 202)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
ASTM E283-04	Air Infiltration Leakage	Blackwater Technical Services, Inc. FL, USA	05/20/2021 05/20/2021 06/14/2021	BT-OGT-20-001 BT-OGT-20-002 BT-OGT-20-001B	Mike Caldwell
ASTM E331-00	Water Infiltration	Blackwater Technical Services, Inc. FL, USA	05/20/2021 05/20/2021 06/14/2021	BT-OGT-20-001 BT-OGT-20-002 BT-OGT-20-001B	Mike Caldwell
TAS 202-94	Wind Loads - Impact & Non- impact Resistant Building Envelope Components	Blackwater Technical Services, Inc. FL, USA	05/20/2021 05/20/2021 06/14/2021	BT-OGT-20-001 BT-OGT-20-002 BT-OGT-20-001B	Mike Caldwell
ASTM F588-14	Forced Entry Resistance	Blackwater Technical Services, Inc. FL, USA	05/20/2021 05/20/2021 06/14/2021	BT-OGT-20-001 BT-OGT-20-002 BT-OGT-20-001B	Mike Caldwell
Supplemental Tests (Tested in accordance with TAS 201 and TAS-203)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
TAS 201-94	Impact Test (Large Missile Impact)	Blackwater Technical Services, Inc. FL, USA	05/20/2021 05/20/2021 06/14/2021	BT-OGT-20-001 BT-OGT-20-002 BT-OGT-20-001B	Mike Caldwell
TAS 203-94	Cyclic Wind Pressure Load	Blackwater Technical Services, Inc. FL, USA	05/20/2021 05/20/2021 06/14/2021	BT-OGT-20-001 BT-OGT-20-002 BT-OGT-20-001B	Mike Caldwell

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 2023 Florida Building Code - 8th Edition (2023 FBC).

Evaluation Report Engineer:

Javad Ahmad. PE FL P.E.# 70592 EB C.A.N. # 34254 JAVAD AHMAD PE, Inc Digitally signed by Javad Ahmad Date: 2023.12.22 11:08:15 -05'00'







