

Report #: 24-1-0260.02		Date: March 20, 2024	
Project: Talon Wall FPA Impact		By: DCC	Checked: MJT
Customer: Peerless Products		Page: 1 of 3	

Evaluation Analysis

Talon Wall[®] Unitized Curtainwall

Customer:

Peerless Products, Inc.
2403 South Main Street
Fort Scott, Kansas 66701

Performed By:

Daniel C. Culbert, P.E.
Michael J. Thorley, P.E.

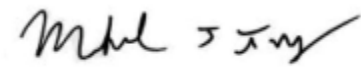


Date:

Original Issue: March 20, 2024
Revision 3: April 28, 2025


Digitally Signed by Daniel C. Culbert

Daniel C. Culbert, P.E.
Project Manager


Digitally Signed by: Michael Thorley

Michael J. Thorley, P.E.
Project Engineer

CIVIL ENGINEERING & CONSULTING

602 Cornwall Road • Lebanon, PA 17042
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Product	Talon Wall - Impact - Extruded Aluminum Unitized Curtainwall
Category	Panel Walls
Subcategory	Curtain Walls
Manufacturer	Peerless Products, Inc. 2403 South Main Street Fort Scott, Kansas 66701
Scope	Product Evaluation per Chapter 61G20-3.005(1)(d) Florida Administrative Code, Evaluation report from a Florida Registered Architect or a licensed Florida Professional Engineer
Scope	Product Evaluation per Chapter 61G20-3.005(1)(d) Florida Administrative Code, Evaluation report from a Florida Registered Architect or a licensed Florida Professional Engineer
Code Compliance	This product complies with the requirements of the 8 th Edition (2023) Florida Building Code
Quality Assurance	The manufacturer has demonstrated compliance of manufacture of products in accordance with Florida Building Code under a quality assurance program audited by a quality assurance entity Architectural Testing Inc and Intertek Company.

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Products

Technical Documentation:

- 1) This report, prepared by Daniel C Culbert, P.E., from Chrisland Engineering at 602 Cornwall Road, Lebanon, PA 17042
- 2) Approval drawing 24-1-0260.01, signed and sealed by Daniel C. Culbert, P.E.
- 3) Test reports Q8918.02-801-18 r0 and S2931.01-801-18 r0 by Intertek Testing Inc, signed and sealed by Tyler Westerling, P.E., with testing performed:

ASTM E283-19
ASTM E331-00
TAS 201-94
TAS 202-94
TAS 203-94
ASTM E1886-19
ASTM E1996-20

TAS testing has equivalent performance to the AAMA 501-15 for glazed curtainwall systems.

Supplemental calculations to support 24-1-0260.03, signed and sealed by Daniel C. Culbert, P.E. including compliance to ASTM E1300-16 for glazing design resistance.

Installation:

Units must be installed according to approval document 24-1-0260.01 and 24-1-0260.02

Limitations of Use:

This product:

May be used in the configurations, sizes, maximum glass DLO sizes, and design pressures as shown in 24-1-0260.01 drawings
Product is large and small missile impact resistant and does not require the use of shutters in windborne debris regions.
Site conditions that deviate from the details of drawings require further engineering analysis by a licensed engineer or registered architect.
Shall be installed under 30 feet above grade in HVHZ regions.

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