

Product Evaluation Report

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Product Manufacturer

DSA Master Crafted Doors
10681 World Trade Blvd
Raleigh, NC 27617

Product Name, Model and/or Description

DSA0001, Double Full View Door with Full View Transom
DSA0002, Alexandria 9 Lite Single Door with Sidelites and Transom
DSA0003, 7/0 x 8/0 Double Full Lite/2 Panels
DSA0004, Full View Door with Full View Sidelites and Transom
DSA0005, 6/0 x 8/0 TIFFANY ASHVILLE DOUBLE ARCH TOP W/TDL

Code: Current Edition of the Florida Building Code including the 5th Edition (2014) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Name, Model and/or Designation - Test Report No. - Installation Drawing No.: Products covered by this evaluation include the following.

- Installation Drawing No. DSA0001, Original Issue, dated 2/1/17, Double Full View Door with Full View Transom, Signed and Sealed by Robert J. Amoruso, P.E.
 - Test Report NO. ATLNC 0820.01-14, Dated 10/13/14 XX Door and Test Report No. ATLNC 0819.01-14, Dated 10/13/14 O/OXO Door w/Sidelites and Transom.
 - ASTM E330-02
 - ASTM E283-04
 - ASTM E1886-05
 - ASTM E1996-09
- Installation Drawing No. DSA0002, Original Issue, dated 2/1/17, Alexandria 9 Lite Single Door with Sidelites and Transom, Signed and Sealed by Robert J. Amoruso, P.E.
 - Test Report No. ATLNC 1107.01-11, Dated 12/14/11 O/OXO Door w/Sidelites and Transom.
 - ASTM E330-02
 - ASTM E283-04
- Installation Drawing No. DSA0003, Original Issue, dated 2/7/17, 7/0 x 8/0 Double Full Lite/2 Panels, Signed and Sealed by Robert J. Amoruso, P.E.
 - Test Report No. ATLNC 0924.01-13, Dated 10/28/13 XX Door.
 - ASTM E330-02
 - ASTM E283-04
 - ASTM E1886-05
 - ASTM E1996-09
- Installation Drawing No. DSA0004, Original Issue, dated 2/8/17, Full View Door with Full View Sidelites and Transom, Signed and Sealed by Robert J. Amoruso, P.E.
 - Test Report No. ATLNC 0819.01-14, Dated 10/13/14 O/OXO Door w/Sidelites and Transom.
 - ASTM E330-02
 - ASTM E283-04
 - ASTM E1886-05
 - ASTM E1996-09
- Installation Drawing No. DSA0005, Original Issue, dated 2/8/17, 6/0 x 8/0 TIFFANY ASHVILLE DOUBLE ARCH TOP W/TDL, Signed and Sealed by Robert J. Amoruso, P.E.
 - Test Report No. ATLNC 0721.01-11, Dated 8/9/11 XX Door.
 - ASTM E330-02
 - ASTM E283-04



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Engineering Analysis & Evaluation:

- PTC Report No. 2482, Rev. 0, *DSA Master Crafted Doors, Comparative Analysis and Anchorage Engineering*, dated 2/5/17, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752.

Limitations & Conditions of Use:

- This product has not been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- Refer to Product Installation Instructions noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to substrate structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code and/or ASCE 7-10 for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

Certificate of Independence per Product Approval Rule 61G20-3.009

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report. PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.

Evaluated by:
Robert J. Amoruso, P.E.
FL PE License No. 49752

