

Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2568-EER | Project No. 416-0603 | 2/27/19 | Page 1 of 3

Product Manufacturer

HMF EXPRESS
2501 Northchase Parkway SE
Wilmington NC 28405

Product Name, Model and/or Description

Series HP steel Door, Inswing/Outswing, Impact (X) (HMF0001)
Series HSS Steel Door, Outswing, Impact (X, XX) (HMF0002)
Series HP Steel Door W/Wo Sidelight & Transom, Outswing, Impact (X, XO,
O/XO) (HMF0003)
Series louvered / Glazed Steel Door, Outswing, Impact (X, XX) (HMF0004)
Series Flush Steel Commercial Door, Outswing, Impact (XX) (HMF0005)

Code: Current Edition of the Florida Building Code including 6th Edition (2017) FBC.

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

Product Name, Model and/or Designation, Performance Testing and Test Reports: Products covered by this evaluation include the following.

- PTC Product Design Group Drawing No. HMF0001, Original Issue, dated 2/27/19, Series HP steel Door, Inswing/Outswing, Impact (X), Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E., FL No. 49752.
 - Test Report No. TEL02990623, dated 5/15/2013 by Testing Evaluation Laboratories, Inc., signed and sealed by William B. Shelton, P.E., FL No. 26686.
 - TAS 201 - 1994
 - TAS 202 - 1994
 - TAS 203 - 1994
 - Test Report No. TEL02990624, dated 5/15/2013 by Testing Evaluation Laboratories, Inc..
 - ASTM E330-02
 - ASTM E331-00
 - ASTM E283-04
 - ASTM E1886-05
 - ASTM E1996-06
 - Test Report No. TEL02991411, dated 8/24/2015 by Testing Evaluation Laboratories, Inc., signed and sealed by William B. Shelton, P.E., FL No. 26686.
 - TAS 201 - 1994
 - TAS 202 - 1994
 - TAS 203 – 1994
- PTC Product Design Group Drawing No. HMF0002, Original Issue, dated 2/27/19, Series HSS Steel Door, Outswing, Impact (X, XX), Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E., FL No. 49752.
 - Test Report No. CTLA 887W Revised, dated 4/2/2003 by Certified Testing Laboratories, Inc., signed and sealed by Ramesh Patel, P.E., FL No. 20224.
 - TAS 201 - 1994
 - TAS 202 - 1994
 - TAS 203 – 1994
 - Test Report No. CTLA 887W-1 Revised, dated 4/2/2003 by Certified Testing Laboratories, Inc., signed and sealed by Ramesh Patel, P.E., FL No. 20224.
 - TAS 201 - 1994
 - TAS 202 - 1994
 - TAS 203 – 1994
- PTC Product Design Group Drawing No. HMF0003, Original Issue, dated 2/27/19, Series HP Steel Door W/Wo Sidelight & Transom, Outswing, Impact, Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E., FL No. 49752.
 - Test Report No. TEL02991411, dated 8/24/2015 by Testing Evaluation Laboratories, Inc., signed and sealed by William B. Shelton, P.E., FL No. 26686.



Equivalency Evaluation Report

- TAS 201 - 1994
 - TAS 202 - 1994
 - TAS 203 - 1994
- PTC Product Design Group Drawing No. HMF0004, Original Issue, dated 2/27/19, Series Louvered / Glazed Steel Door, Outswing, Impact (X, XX), Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E., FL No. 49752.
 - Test Report No. CTLA 1698W, dated 9/10/2007 by Certified Testing Laboratories, Inc., signed and sealed by Ramesh Patel, P.E., FL No. 20224.
 - ASTM E330-02
 - ASTM E1886-02
 - ASTM E1996-02
 - Test Report No. CTLA 1698W-1, dated 9/10/2007 by Certified Testing Laboratories, Inc., signed and sealed by Ramesh Patel, P.E., FL No. 20224.
 - ASTM E330-02
 - ASTM E1886-02
 - ASTM E1996-02
- PTC Product Design Group Drawing No. HMF0005, Original Issue, dated 2/27/19, Series Flush Steel Commercial Door, Outswing, Impact (XX), Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E., FL No. 49752.
 - Test Report No. CTLA 1098W Revised, dated 4/21/2003 by Certified Testing Laboratories, Inc., signed and sealed by Ramesh Patel, P.E., FL No. 20224.
 - TAS 201 - 1994
 - TAS 202 - 1994
 - TAS 203 - 1994

Performance Testing Equivalency Evaluation per Product Approval Rule 61G20-3.015(4)(d):

HVHZ - TAS 201/202/203-94 Testing Equivalency Evaluation – Test Reports shown above.

Based upon review of testing conducted and reported in the test report listed above, these products were tested in a manner consistent with the current versions of TAS 201, TAS 202 and TAS 203 therefore they are in compliance with the 6th Edition (2017) Florida Building Code.

Non-HVHZ Testing Equivalency Evaluation – Test Reports shown above.

The following table shows the performance standards used in testing and those in the current edition of the FBC.

Standard Used in Testing		Current Edition of the Florida Building Code including the 6 th Edition (2017) Florida Building Code		Comments
Description	Revision Level	Building Volume (FBC)	Residential Volume (FRC)	
ASTM E330	02	02	02	Acceptable
ASTM E331	00	00 (2009)	00 (2009)	Acceptable
ASTM E283	04	04	---	Acceptable
ASTM E1886	05	05	05	Acceptable
ASTM E1996	06	06	06	Acceptable



Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2568-EER | Project No. 416-0603 | 2/27/19 | Page 3 of 3

Based upon review of testing conducted and reported in the test report listed above, these products were tested in a manner consistent with the current versions of the ASTM standards listed in the 6th Edition (2017) Florida Building Code. Therefore, testing is in compliance with the 6th Edition (2017) Florida Building Code.

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.

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Evaluated By:
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