



BUILDING DROPS

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Certificate of Authorization: 29578

398 East Dania Beach Blvd.
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Dania Beach, FL 33004
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contact@buildingdrops.com

Product Evaluation Report

of

Detex Corporation

Value Series HV40, Advantex H10 & H40 Rim Panic Exit Device

Value Series HV50, Advantex H20 & H50 Surface Vertical Rod

Steel Door Assembly #1

for

Florida Product Approval

FL# FL19181

Report No. 4031

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Exterior Doors
Sub – Category: Exterior Door Components

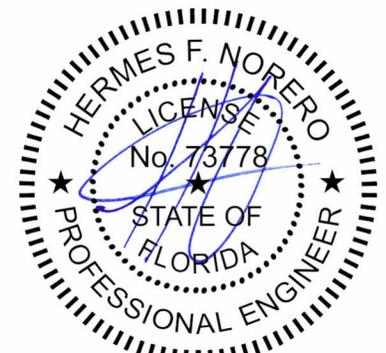
Product: *Series HV40, H10 & H40 RIM,
Series HV50, H20 & H50 SVR*
Product Dimensions: *See installation instructions, DTX001*

Prepared For:
Detex Corporation
302 Detex Drive
New Braunfels, TX 78130

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/07/2015

Contents:

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Digitally signed by Hermes F Norero, P.E.
Reason: I am approving this document
Date: 2015.12.18 18:06:50 -05'00'



Hermes F. Norero, P.E.
Florida No. 73778



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FL#: FL19181
Date: 12/07/2015
Report No: 4031

Manufacturer: Detex Corporation

Product Category: Exterior Doors

Product Sub-Category: Exterior Doors Components

Compliance Method: State Product Approval Method (1)(d)

Product Name: Series HV40, H10 & H40 RIM,
Series HV50, H20 & H50 SVR

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Detex Corporation** based on Method 1d of the Florida Product Approval System, Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **DTX001**, signed by Hermes F. Norero (FL # 73778), for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of **DTX001** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **DTX001** for size and design pressure limitations.



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Quality Assurance:

The manufacturer has demonstrated compliance in Accordance with the Florida Building Code and Florida Product Approval system for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation Management Institute**. (FBC Organization # QUA1789)

Performance Standards:

The product described herein has been tested per:

- TAS 201-94
- TAS 202-94
- TAS 203-94
- ASTM E330-02
- ASTM E1886-05
- ASTM E1996-05

Referenced Data:

1. Product Testing performed by **National Certified Testing Laboratories, Inc.** (FBC Organization # TST1589)
Report #: NCTL-210-3994-01 Report Date: 05/16/15,
Signed and sealed by Gerard J. Ferrara, P.E.
2. Quality Assurance
National Accreditation Management Institute
(FBC Organization #: QUA1789)

Installation:

Refer to Installation Instructions (**DTX001**) for more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**DTX001**) for design pressures dependent on hardware type, configuration, and size of units.



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June 17, 2019

TO: Whom It May Concern

FROM: Hermes F. Norero, PE

ON BEHALF OF: Detex Corporation
302 Detex Drive
New Braunfels, TX 78130

RE: Qualification of Single Door from a Tested Double Door

To whom it may concern,

The purpose of this letter is to clarify that the Detex Hollow Metal Door hardware devices shown on FL19181-R1 shall be considered qualified for use on single door applications, in addition to the double door elevations shown within the Installation Instructions, drawing numbers DTX001, DTX002 and DTX003. Testing of double doors shall be used to qualify single door applications for the same performance ratings. Maximum single door leaf width shall be limited to half of the width of the approved double door configurations. Single door construction, reinforcing, and strike installation shall comply with the requirements shown for the double door application.

I trust that this will satisfy your needs, however feel free to call if you have any questions.

Hermes Norero, P.E.
Florida Registered Professional Engineer #73778

Certification of Independence:

Please note that I do not have nor will I acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I do not have nor will I acquire a financial interest in any other entity involved in the approval process of the listed product(s).

Hermes F. Norero, PE
FL PE No. 73778
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