



# BUILDING DROPS

A Perfect Solution in Every Drop!

Certificate of Authorization: 29578

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## Product Evaluation Report

of

**De La Fontaine  
Hollow Metal Windstorm Resistant Door  
(WZ4)(IMPACT)**

for

**Florida Product Approval**

**FL# FL21194**

**Report No. 7317**

**Current Florida Building Code**

<b>Method:</b>	<b>1 – A (Certificate Method)</b>
<b>Category:</b>	<b>Exterior Doors</b>
<b>Sub – Category:</b>	<b>Swinging Exterior Door Assemblies</b>
<b>Product:</b>	<b>Hollow Metal Steel Stiffened Door</b>
<b>Door Material:</b>	<b>16 Ga. Cold Rolled Steel</b>
<b>Frame Material:</b>	<b>16 Ga. Cold Rolled Steel (Single Units) 14 Ga. Cold Rolled Steel (Pair Units)</b>
<b>Product Dimensions:</b>	<b>See Installation Instruction DLF001</b>

**Prepared for:**

**De La Fontaine  
4115 Brodeur Street  
Sherbrooke, QC J1L1K4**

**Prepared by:**

**Hermes F. Norero**

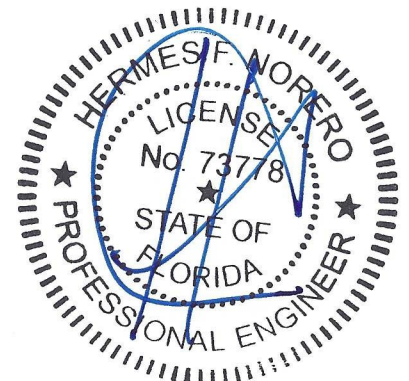
Florida Professional Engineer # 73778

Date: 10/23/2020

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



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<b>Manufacturer:</b>	<b>De La Fontaine</b>
<b>Product Category:</b>	Exterior Doors
<b>Product Sub-Category:</b>	Swinging Exterior Door Assemblies
<b>Compliance Method:</b>	State Product Approval Method (1)(a)
<b>Product Name:</b>	<b>Hollow Metal Steel Stiffened Door (WZ4)(IMPACT)</b>

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **De La Fontaine** based on Method 1a of the State of Florida Product Approval, 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 **DLF001**, signed and sealed by Hermes F. Norero, P.E. (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, **excluding** 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.
4. Site conditions that deviate from the details of Installation Instructions **DLF001** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **DLF001** for size and design pressure limitations.



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**Certification Agency:** The manufacturer has demonstrated compliance of door products in Accordance with the Florida Building Code and State Rules for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Intertek Testing Services NA Inc. – ETL/Warnock Hersey** (FBC Organization #: CER 1497).

**Performance Standards:** The product described herein has been evaluated per:

- ASTM E330-02
- ASTM E1886-13
- ASTM E1996-17

**Referenced Data:**

1. Product Testing performed by **Intertek Testing Services.**  
(FBC Organization # TST1509)  
Report #: 100121850MID-002, Report Date: 08/04/10
- 2.. Product Testing performed by **Architectural Testing, Inc.**  
(FBC Organization # TST1558)  
Report #: 98069.01-201-44-R1, Report Date: 05/17/10
3. Product Certification Agency:  
**Intertek Testing Services NA Inc. – ETL/Warnock Hersey.**  
(FBC Organization #: CER 1497)

**Installation:**

Refer to Installation Instructions (**DLF001**) for anchor spacing and more details of the installation requirements.

**Design Pressure:**

Refer to Installation Instructions (**DLF001**) for design pressures.



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## Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. The manufacturer has tested their products to the following test standard edition(s):

- 1) ASTM E1886-05
- 2) ASTM E1996-05

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

- 1) ASTM E1886-13
- 2) ASTM E1996-17

After review of the above-mentioned referenced standards and editions, it has been found that no significant technical changes have been made to the test standards that would affect the results. All referenced standards have been found to be equivalent.