



398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

## Product Evaluation Report

*of*

**P.H. Tech Corp  
S-8385 Sliding Patio Door  
(HVHZ) (Impact)**

*for*

**Florida Product Approval**

**FL# FL40259**

**Report No. 7755**

**Current Florida Building Code**

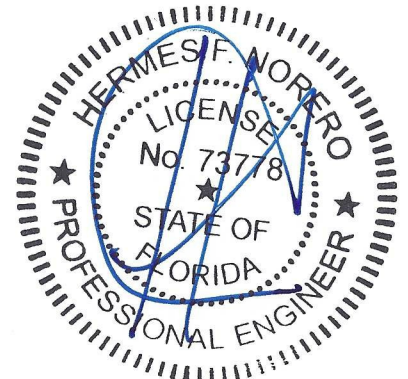
<b>Method:</b>	<b>1 – D (Engineering Evaluation)</b>
<b>Category:</b>	<b>Exterior Doors</b>
<b>Sub – Category:</b>	<b>Sliding Exterior Door</b>
<b>Product:</b>	<b>S-8385 Sliding Patio Door</b>
<b>Materials:</b>	<b>UPVC</b>
<b>Product Dimensions:</b>	<b>See Installation Instructions, PHT007</b>

**Prepared for:**

**P.H. Tech Corp  
724 Brickworks Drive  
Leetsdale, PA 15056**

**Prepared by:**

**Hermes F. Norero, P.E.**  
Florida Professional Engineer # 73778  
Date: 11/19/2021



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

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**Manufacturer:** P.H. Tech Corp

**Product Category:** Exterior Doors

**Product Sub-Category:** Sliding Exterior Door

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

**Product Name:** S-8385 Sliding Patio Door  
(HVHZ) (Impact)

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **P.H. Tech Corp** based on Method 1d 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 **PHT007**, 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 including 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 **does not require** an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **PHT007** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PHT007** for size and design pressure limitations.

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**Quality Assurance Agency:** The manufacturer has demonstrated compliance of manufacture of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Keystone Certifications, Inc.** (FBC Organization # QUA1824).

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

- AAMA/WDMA/CSA 101/I.S.2/A440-11/17
- ASTM E1886-13a
- ASTM E1996-17
- TAS 201-94
- TAS 202-94
- TAS 203-94

**Referenced Data:**

1. Product Testing performed by **UL Laboratory Canada inc.** (FBC Organization # TST6679)  
Reports: Dated:  
AI-05492-C1 04/27/2021  
AI-05492-C2 04/27/2021  
AI-05492-D2 06/30/2021  
Reports signed and sealed by Alexis Spyrou Florida P.E. No. 68101
2. PVC profiles meet requirements of AAMA 303 and Manufacturer is enrolled in the AAMA Fenestration Exterior Profile Certification Program.
3. Material Certification  
**Miami-Dade County Notice of Acceptance**  
**Kuraray America, Inc.**  
Trosifol PVB Interlayer

**Installation:**

Refer to Installation Instructions **PHT007** for anchor spacing and more details of the installation requirements.

**Design Pressure:**

Refer to Installation Instructions **PHT007** for design pressures based on size and configuration.

**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. P.H. Tech Corp has tested their products to the following test standard edition(s):

- 1) ASTM E1886-19
- 2) ASTM E1996-20

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

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

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.