

# Certificate of Testing Performance

## FP-530 Flood Plank Performance Test

**Product:** FP-530 HydroDefense Flood Plank, multi-span with mullions

**Mullion Types:** Corner Mullion, Dry-Side Supported Mullion, Wet-Side Supported Mullion (Post Mullion with tension support)

**Water Protection Height (WPH):** 72 inches

**Test Report:** FP-530 RevE

**Test Procedure:** ANSI/FM 2510-2014 Section 4.3.3 Hydrostatic Loading on Opening Barriers

**Tested Leakage Rate:** 0.049 gallon/hour/linear feet of wetted perimeter (gal/hr/lin\_ft)

This certificate is based on independent party validated performance testing of a FP-530 Flood Plank System performed in a factory setting. The product was tested to a maximum water depth of 72 inches of hydrostatic loading according to ANSI/FM 2510-2014 Section 4.3.3 test procedures.

The hydrostatic testing is conducted over a minimum duration of twenty-two hours and leakage rate is measured in fifteen-minute periods during specified intervals of the test. The ANSI/FM 2510 test specification states the leakage rate shall not exceed 0.08 gallons per hour per linear foot of wetted perimeter (gal/hr/lin\_ft) over any fifteen-minute period throughout the entire duration of the test.

During the FP-530 Flood Plank test, leakage is collected from all portions of the product assembly which are located below the tested water depth. The maximum leakage rate measured throughout all portions of the test procedure was 0.049 gallons per hour per linear foot of wetted perimeter (gal/hr/lin\_ft).

**Test Conducted By:**

Name: **Matt Jakubiec**

Title: **Engineering Supervisor**

Company: **PS Industries Inc.**

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4/22/2021

**Independent Party Witness:**

Name: **Timothy Gustafson**

Title: **Professional Engineer (P.E.)**

Company: **EAPC**

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4/22/2021