

Certificate of Testing Performance

FP-535 Flood Plank XL Performance Test

Product: FP-535, 152 X 144 inches

Water Protection Height (WPH): 144 inches

Test Report: FP-535 RevA-T1

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

Tested Leakage Rate: 0.054 gallons/hour/linear feet of wetted perimeter

This certificate is based on independent party validated performance testing of a FP-535 performed in a factory setting. The product was tested to a maximum water depth of 144 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-535 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 0.054 gallons per hour per linear foot of wetted perimeter (gal/hr/lin_ft).

Test Conducted By:

Name: **Nathan Ueland**

Title: **R&D Engineer**

Company: **PS Industries Inc**

X Nathan Ueland

4/28/2021

Independent Party Witness:

Name: **Timothy Gustafson**

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

Company: **EAPC**

X Timothy Gustafson

4/28/2021