

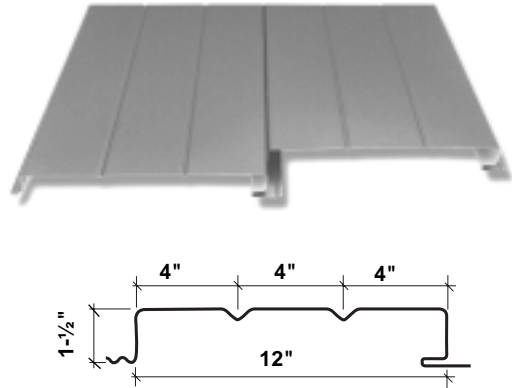
**PRODUCT  
DESCRIPTION**

# BERRIDGE FW-12 WALL PANEL ASTM AIR & WATER INFILTRATION TEST RESULTS

The Mid-America Testing Laboratory, Inc. has submitted the following report on their test procedure for Static Air and Water Infiltration.

## TEST ASSEMBLY:

Three (3) FW-12 panel sections creating two (2) interlocking lap joints. Joints were fully bed sealed with silicone caulk. Specimen measured 37" wide x 90" tall and was installed into a pressurized chamber for purposes of air and water infiltration testing.



## STATIC AIR INFILTRATION (ASTM E-283)

At 4.0 PSF (.76 H<sub>2</sub>O and 40 mph wind, air infiltration shall not exceed .09 CFM per square foot of fixed panel.

**Allowed:** .09 CSM/S.F. or 2.03 CFM gross leakage

**Results:** .004 CFM/S.F. or .1 CFM gross leakage

## STATIC WATER INFILTRATION (ASTM E-331)

At 6.24 PSF (1.2" H<sub>2</sub>O and 50 mph wind) with a water spray rate of five (5) gallons/hour/ S.F. for fifteen (15) minutes.

**Allowed:** No uncontrolled water infiltration to the room side.

**Results:** No uncontrolled water infiltration to the room side.

BERRIDGE FW-12 WALL PANEL  
ASTM AIR & WATER INFILTRATION TEST RESULTS  
Berridge Manufacturing Company



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Moisture & Thermal Protection:  
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