

PERMWALL

HIGH PERFORMANCE FLUSH METAL WALL PANEL SYSTEMS

IMETCO's **PermWall** 1.0 and 1.5 flush wall panel systems are engineered for strength and longevity, and designed for the beauty of smooth consistency.

Concealed fasteners secure virtually invisible vertical seams that are tested and warranted to the high-performance and quality standards for which IMETCO's products are renowned.

PermWall 1.0 & 1.5 Test Results

ASTM E 283 Air Infiltration Test *scfm (Square Cubic Feet per Minute)*

Air leakage rate per Foot of Seam

- 1.57 psf/in = 0.262 scfm
- 6.24 psf/in = 0.449 scfm
- 12.0 psf/in = 0.494 scfm
- 15.0 psf/in = 0.514 scfm
- 20.0 psf/in = 0.594 scfm

Air leakage rate per Square Foot

- 1.57 psf/in = 0.033 scfm
- 6.24 psf/in = 0.056 scfm
- 12.0 psf/in = 0.062 scfm
- 15.0 psf/in = 0.064 scfm
- 20.0 psf/in = 0.074 scfm

ASTM E 331 Water Penetration Test

Vacuum Test Pressure - NO LEAKAGE

- 2.86 psf/in 12.0 psf/in
- 6.24 psf/in 20.0 psf/in

ASTM E 330 Test Method for Structural Performance of Wall Panels

The E330 Uniform Static Load test for 1 1/2" panel profile has provided an allowable of 42 lb/sq ft. for 3'-0" spans and 52 lb/sq.ft for 1'-0" spans.

PermWall systems are available in a wide range of colors and gauges, and are custom-formed by IMETCO's talented metal craftsmen to suit the unique design and performance requirements of each and every project.

IMETCO's engineers assist you at every stage of your project with design support, specialty engineering, code compliance support, and custom shop drawing packages and installation guidelines.

