

# ENGINEERED METAL WALL & SOFFIT SYSTEMS

## SMI 1.0" FWP Flush Wall & Soffit Panel

### Panel Information:

Panel Type:	Wall / Soffit
Panel Width:	12"
Seam Height:	1.0"
Panel Material:	22 GA - 24 GA Min
Panel Surface:	Smooth / Embossed Optional

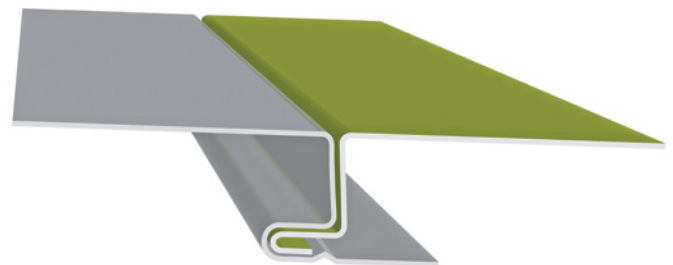
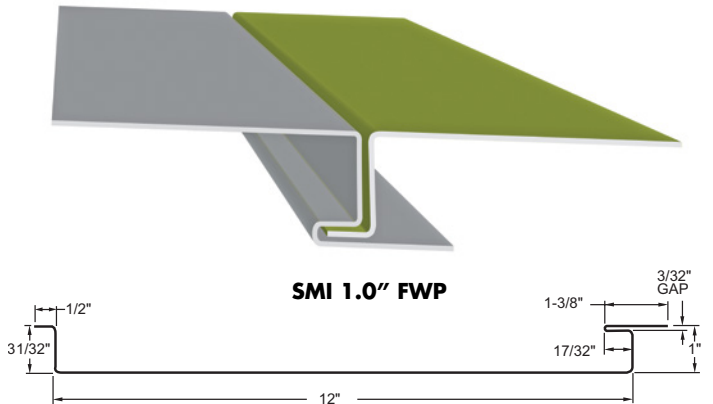
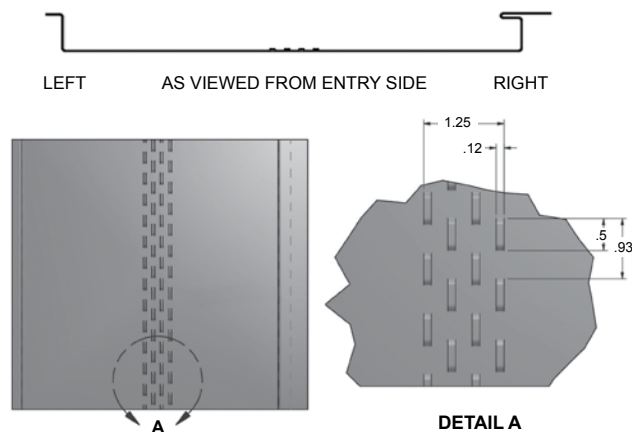
### Panel Testing:

Uplift Resistance:	ASTM E 1592, UL 90
Air Infiltration:	ASTM E 283
Water Penetration:	ASTM E 331

### Panel Notes:

- This panel uses a 16" coil.
- This panel uses 4" of material to form the panel.
- If you take the square footage of the wall and multiply that by 1.25, the total will be the amount coil needed to manufacture the panels.
- Perforation opening size  $.50 [12.7] \times .12 [3.0] = .06 \text{ Sq. In. } [38.7 \text{ sq. mm.}]$
- Openings per 12 inch length  $[304.8\text{mm}] = 51.25$
- Net Free Area / 12 inch =  $.06 \text{ Sq. In. } \times 51.25 = 3.08 \text{ Sq. In. } [ \text{Net Free Area } 1304.8\text{mm} = 38.7 \text{ sq. mm } \times 51.25 = 1983 \text{ sq. mm} ]$

### Net Free Air Space:



### SMI 1.0" FWP with HEM

