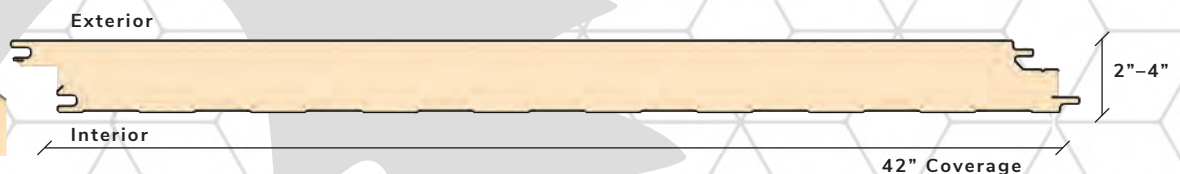
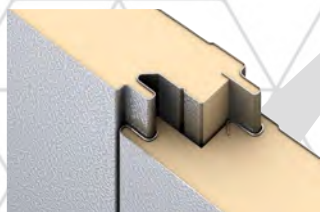




Impression is Green Span's flat panel offering. This profile utilizes our Heavy Stucco Embossment (HSE). Impression gives the look of tilt-up concrete while offering unsurpassed thermal efficiency. In comparison to tilt-up, the Impression insulated metal panel is super lightweight and extremely cost-effective.

| | |
|--------------------|---|
| Panel Use | Exterior Wall |
| Coverage Width | 42-inch |
| Thickness | 2, 2.5, 3, 4-inch |
| Length | 8'-0" to 40'-0" |
| Exterior Gauge | 26, 24 |
| Interior Gauge | 26 |
| Exterior Substrate | Galvalume®, G90 |
| Interior Substrate | Galvalume®, G90, Stainless Steel |
| Exterior Finish | Siliconized Polyester, low-gloss PVDF |
| Interior Finish | Polyester, Siliconized Polyester, Plastisol (PVC) |
| Exterior Texture | Heavy Embossed |
| Interior Texture | Embossed, smooth |
| Joint | Green-Lock, offset double tongue-and-groove |
| Core | Continuously poured-in-place polyisocyanurate insulating foam |
| R-Value | R-8 per inch of thickness (nominal) |



"Built to Perform, Built to Last, Built Right"

TESTING: IMPRESSION INSULATED METAL PANEL

| TYPE | TEST PROTOCOL | DESCRIPTION | RESULTS |
|----------------------------------|-----------------------|---|--|
| ENVIRONMENTAL PERFORMANCE | ASTM C518 | Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus | K-Factor 0.139 BTU-in/hr-ft ² -F° at 75° mean K-Factor 0.129 BTU-in/hr-ft ² -F° at 35° mean |
| | ASTM E283 | Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen | 0.0011-cfm/sf at 20-psf |
| | ASTM E331 | Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference | Zero penetration at 20-psf |
| FOAM CORE CHARACTERISTICS | ASTM C273 | Shear Properties of Sandwich Core Materials | Shear Strength = 16-psi |
| | ASTM D1621 | Compressive Properties of Rigid Cellular Plastics | Compressive Strength — 18-psi |
| | ASTM D1622 | Apparent Density of Rigid Cellular Plastics | Apparent Density — 2.25-pcf |
| | ASTM D1623 | Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics | Tensile Strength — 21-psi |
| | ASTM D6226 | Open Cell Content of Rigid Cellular Plastics | Open Cell Content ≥ 90% closed cells |
| FIRE RESISTANCE | ASTM E84 | Surface Burning Characteristics of Building Materials | Flame Spread < 25, Smoke Developed < 450 |
| | NFPA 285 | Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components | Passed — see technical bulletin ATB-0007 |
| | FM 4880 | Factory Mutual Approval Standard for Class 1 Fire Rating of Insulated Wall or Wall and Roof/Ceiling Panels, Interior Finish Materials or Coatings and Exterior Wall Systems | Class 1 Fire Rated — see technical bulletin ATB-0005 |
| IMPACT RESISTANCE | FM 4881 | Factory Mutual Approval Standard for Class 1 Exterior Wall Systems | |
| | TAS 201 | Florida Building Code Impact Test Procedure | Miami Dade County NOA No. 15-0204.02 |
| ENGINEERING PROPERTIES | ASTM E1592 | Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference | See Load Tables |
| | ASTM E72 | Strength Tests of Panels for Building Construction | See Load Tables |
| | FM 4881 | Factory Mutual Approval Standard for Class 1 Exterior Wall Systems | Class 1 Approved — see technical bulletins ETB-0008 and ETB-0013 |
| APPROVALS | Miami-Dade County | Miami-Dade County Product Control Section — Notice of Acceptance | Miami Dade County NOA No. 15-0204.02 |
| | State of Florida | Florida Product Approval | #16327-R1 |
| | TX Dept. of Insurance | Product Evaluation | Evaluation ID: EC-103 |
| BOND STRENGTH | Fatigue Endurance | 2,000,000 Alternating Cycles of L/180 Deflection | No evidence of facer or liner delamination, fracture of foam core or permanent set |
| | Freeze/Heat Cycle | Twenty-One (21) Eight-hour Temperature Cycles (-20° F to 180° F) | No evidence of delamination, blistering or permanent set |
| | Humidity Endurance | 1,200 Hours of 93% Humidity at a Temperature of 158° F | No evidence of delamination, blistering or interface corrosion |
| | Autoclave | Exposure to 218° F and a pressure of 2-psig for 2½ hours | No evidence of facer or liner delamination |

