



## ENGINEERING TECHNICAL BULLETIN

FM 4881 APPROVED

**PRODUCT:**

IWP Series – Insulated Metal Wall Panel  
Profiles: Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine and ShadowLine  
Thickness: 4, 5 and 6 in. (102, 127 and 152 mm)  
Core Material: PIR  
Width: 24, 30, 36 and 42 in. (610, 762, 914 and 1067 mm)  
Gauge: min. 26-ga. (0.017 in, 0.43 mm) or heavier (interior and exterior facings)  
Finish: embossed or smooth

**TEST PROTOCOL:**

Approval Standard for Class 1 Exterior Wall Systems. Class Number 4881, November 2016

**TEST LOCATION:**

FM Approvals, 743 Reynolds Road, West Glocester, RI 02814

**REPORT NUMBER:**

PR451196

**LISTING:**

PRODUCT	WIDTH	PANEL THICKNESS	SECUREMENT	HAIL RESISTANCE RATING	WIND LOAD RATING & ZONE	MAX SUPPORT STEEL SPACING	MIN SUPPORT STEEL THICKNESS	MIN SUPPORT STEEL YIELD STRESS
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	42 in. (1067mm)	4.0 - 6.0 in. (102 - 152 mm)	Fastening System C	Very Severe Hail (VSH)	Class +130/-130 Zone TC	48 in. (1219 mm), 4'-0"	14 ga., 0.071 in. (1.80 mm)	34 ksi (234 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	42 in. (1067mm)	4.0 - 6.0 in. (102 - 152 mm)	Fastening System C	Very Severe Hail (VSH)	Class +80/-80 Zone TC	60 in. (1524 mm), 5'-0"	14 ga., 0.071 in. (1.80 mm)	34 ksi (234 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	42 in. (1067mm)	4.0 - 6.0 in. (102 - 152 mm)	Fastening System C	Very Severe Hail (VSH)	Class +65/-65 Zone TC	72 in. (1829 mm), 6'-0"	14 ga., 0.071 in. (1.80 mm)	34 ksi (234 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	42 in. (1067mm)	4.0 - 6.0 in. (102 - 152 mm)	Fastening System C	Very Severe Hail (VSH)	Class +55/-55 Zone TC	84 in. (2134 mm), 7'-0"	14 ga., 0.071 in. (1.80 mm)	34 ksi (234 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	42 in. (1067mm)	4.0 - 6.0 in. (102 - 152 mm)	Fastening System C	Very Severe Hail (VSH)	Class +50/-50 Zone TC	96 in. (2438 mm), 8'-0"	14 ga., 0.071 in. (1.80 mm)	34 ksi (234 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	42 in. (1067mm)	4.0 - 6.0 in. (102 - 152 mm)	Fastening System C	Very Severe Hail (VSH)	Class +45/-45 Zone TC	108 in. (2743 mm), 9'-0"	14 ga., 0.071 in. (1.80 mm)	34 ksi (234 Mpa)

Table Notes: Panels rated for Zone TC (Tropical Cyclone) may be used in Zones TC and NTC (Non-Tropical Cyclone). See Below for installation details for specific exterior wall panels.

Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine and ShadowLine) minimum 0.017 (0.43) mm thick prefinished (optional) Galvalume® steel facers installed vertically or horizontally over steel structural members as indicated in the table above. Fastening System C - Panels are secured to minimum 14 ga. [0.071 in. (1.80 mm)] structural framing using (3) Triangle Fastener Corporation BLAZER 3: 5/16-12 X 4" (9.5mm) hex head #3 drill point self-drilling fasteners per each BAC-08 clip within each panel side lap in each panel side joint to each supporting member.

**GREEN** - This product contains no CFC or HCFC.

**GREEN** - This product contains no urea-formaldehyde.

Company Name:	Green Span Profiles®
Company Address:	21200 FM 362, Waller, TX, 77484, USA
Company Website:	www.greenspanprofiles.com
Green Product:	Yes
Application:	Walls and Ceilings
Class 1 Type/Rating:	Inert-Faced with Combustible Core
Height Restriction:	No Height Restriction
Listing Country:	United States of America
Certification Type:	FM Approved
Class of Work:	4881-Exterior Wall Systems

ETB-0017-R1

MARCH 20, 2020

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