



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 D	Very Severe Hail (VSH)	Class +145/-145 Zone TC	48 in. (1219 mm), 4'-0"	12 ga., 0.109 in. (2.77 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 D	Very Severe Hail (VSH)	Class +105/-105 Zone TC	60 in. (1524 mm), 5'-0"	12 ga., 0.109 in. (2.77 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 D	Very Severe Hail (VSH)	Class +90/-90 Zone TC	72 in. (1829 mm), 6'-0"	12 ga., 0.109 in. (2.77 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 D	Very Severe Hail (VSH)	Class +75/-75 Zone TC	84 in. (2134 mm), 7'-0"	12 ga., 0.109 in. (2.77 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 D	Very Severe Hail (VSH)	Class +65/-65 Zone TC	96 in. (2438 mm), 8'-0"	12 ga., 0.109 in. (2.77 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 D	Very Severe Hail (VSH)	Class +60/-60 Zone TC	108 in. (2743 mm), 9'-0"	12 ga., 0.109 in. (2.77 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 D	Very Severe Hail (VSH)	Class +50/-50 Zone TC	120 in. (3048 mm), 10'-0"	12 ga., 0.109 in. (2.77 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 D	Very Severe Hail (VSH)	Class +45/-45 Zone TC	132 in. (3353 mm), 11'-0"	12 ga., 0.109 in. (2.77 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 D	Very Severe Hail (VSH)	Class +40/-40 Zone NTC	148 in. (3759 mm), 12'-4"	12 ga., 0.109 in. (2.77 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 D - Panels are secured to minimum 12 ga. [0.109 in. (2.77 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-12 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-0016-R1

MARCH 20, 2020

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