ENGINEERING TECHNICAL BULLETIN

FM 4881 APPROVED

PRODUCT:

IWP Series – Insulated Metal Wall Panel
Profiles: Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine
Width: 24, 30, 36 and 42 in. (610, 760, 915 and 1065 mm)
Thickness: 2, 2.5, 3, 4, 5, 6 in. (51, 64, 76, 102, 127 and 152 mm)
Gauge: 26-ga. (0.0170 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 2007

TEST LOCATION:

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

REPORT NUMBER:

136484-1

LISTING:

WALL PANEL	THICKNESS / SECUREMENT	WIDTH	MAX HEIGHT	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)	2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening	42 in. (1065 mm)	No Limit	Severe Hail (SH)	Class +95/-133 Zone H	36 in. (915 mm), 3'-0"	14 ga., 0.071 in. (1.8 mm)	34 ksi (235 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening	42 in. (1065 mm)	No Limit	Severe Hail (SH)	Class +70/-98 Zone H	48 in. (1220 mm), 4'-0"	14 ga., 0.071 in. (1.8 mm)	34 ksi (235 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening	42 in. (1065 mm)	No Limit	Severe Hail (SH)	Class +55/-77 Zone H	60 in. (1525 mm), 5'-0"	14 ga., 0.071 in. (1.8 mm)	34 ksi (235 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening	42 in. (1065 mm)	No Limit	Severe Hail (SH)	Class +45/-63 Zone H	72 in. (1830 mm), 6'-0"	14 ga., 0.071 in. (1.8 mm)	34 ksi (235 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening	42 in. (1065 mm)	No Limit	Severe Hail (SH)	Class +40/-56 Zone H	84 in. (2135 mm), 7'-0"	14 ga., 0.071 in. (1.8 mm)	34 ksi (235 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening	42 in. (1065 mm)	No Limit	Severe Hail (SH)	Class +35/-49 Zone H	96 in. (2440 mm), 8'-0"	14 ga., 0.071 in. (1.8 mm)	34 ksi (235 Mpa)
Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)	2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening	42 in. (1065 mm)	No Limit	Severe Hail (SH)	Class +30/-42 Zone H	108 in. (2745 mm), 9'-0"	14 ga., 0.071 in. (1.8 mm)	34 ksi (235 Mpa)

Table Notes: Panels rated for Zone H may be used in Zones H and NH. 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 0.0170 (0.43) mm thick prefinished (optional) Galvalume® steel facers installed vertically or horizontally over steel structural members as indicated in the table above. Panels are secured to structural framing using a "hidden" 4 in. (100 mm) long by 14 ga. [0.07 in. (1.78 mm)] thick steel clip and two (2) ¼ - 14 x 2 SDS 3/8 in. (9.5 mm) hex head #3 drill point self drilling fasteners within each panel side lap in each panel side joint to each supporting member; in addition, three (3) Fab-Lok fasteners per panel shall be installed thru the structural member into the interior panel facer and spaced equally, 10.5 in (266.7 mm)apart, between "hidden" fasteners.

GREEN - This product contains no CFC or HCFC.

Company Name:	Green Span Profiles, LP
Company Address:	21200 FM 362, Waller, TX, 77484, USA
Company Website:	www.greenspanprofiles.com
Green Product:	Yes
Primary Class of Work:	4881-Exterior Wall Systems
Listing Country:	United States of America
Certification Type:	FM Approved

ETB-0013

MAY 6, 2015

SUBJECT TO CHANGE WITHOUT NOTICE – Please visit our website for the most current information