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:

<table>
<thead>
<tr>
<th>WALL PANEL</th>
<th>THICKNESS / SECUREMENT</th>
<th>WIDTH</th>
<th>MAX HEIGHT</th>
<th>HAIL RESISTANCE RATING</th>
<th>WIND LOAD RATING &amp; ZONE</th>
<th>MAX SUPPORT STEEL SPACING</th>
<th>MIN SUPPORT STEEL THICKNESS</th>
<th>MIN SUPPORT STEEL YIELD STRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)</td>
<td>2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening</td>
<td>42 in. (1065 mm)</td>
<td>No Limit</td>
<td>Severe Hail (SH)</td>
<td>Class +95/-133 Zone H</td>
<td>36 in. (915 mm)</td>
<td>14 ga., 0.071 in. (1.8 mm)</td>
<td>34 ksi (235 Mpa)</td>
</tr>
<tr>
<td>Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)</td>
<td>2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening</td>
<td>42 in. (1065 mm)</td>
<td>No Limit</td>
<td>Severe Hail (SH)</td>
<td>Class +70/-98 Zone H</td>
<td>48 in. (1220 mm)</td>
<td>14 ga., 0.071 in. (1.8 mm)</td>
<td>34 ksi (235 Mpa)</td>
</tr>
<tr>
<td>Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)</td>
<td>2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening</td>
<td>42 in. (1065 mm)</td>
<td>No Limit</td>
<td>Severe Hail (SH)</td>
<td>Class +55/-77 Zone H</td>
<td>60 in. (1525 mm)</td>
<td>14 ga., 0.071 in. (1.8 mm)</td>
<td>34 ksi (235 Mpa)</td>
</tr>
<tr>
<td>Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)</td>
<td>2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening</td>
<td>42 in. (1065 mm)</td>
<td>No Limit</td>
<td>Severe Hail (SH)</td>
<td>Class +45/-63 Zone H</td>
<td>72 in. (1830 mm)</td>
<td>14 ga., 0.071 in. (1.8 mm)</td>
<td>34 ksi (235 Mpa)</td>
</tr>
<tr>
<td>Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)</td>
<td>2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening</td>
<td>42 in. (1065 mm)</td>
<td>No Limit</td>
<td>Severe Hail (SH)</td>
<td>Class +40/-56 Zone H</td>
<td>84 in. (2135 mm)</td>
<td>14 ga., 0.071 in. (1.8 mm)</td>
<td>34 ksi (235 Mpa)</td>
</tr>
<tr>
<td>Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)</td>
<td>2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening</td>
<td>42 in. (1065 mm)</td>
<td>No Limit</td>
<td>Severe Hail (SH)</td>
<td>Class +35/-49 Zone H</td>
<td>96 in. (2440 mm)</td>
<td>14 ga., 0.071 in. (1.8 mm)</td>
<td>34 ksi (235 Mpa)</td>
</tr>
<tr>
<td>Green Span Profiles® Insulated Metal Panels (Infinity, Stucco, Impression, MesaLine, VeeLine, WaveLine, ShadowLine)</td>
<td>2.0 - 6.0 in. (50 - 150 mm) See Below For Fastening</td>
<td>42 in. (1065 mm)</td>
<td>No Limit</td>
<td>Severe Hail (SH)</td>
<td>Class +30/-42 Zone H</td>
<td>108 in. (2745 mm)</td>
<td>14 ga., 0.071 in. (1.8 mm)</td>
<td>34 ksi (235 Mpa)</td>
</tr>
</tbody>
</table>

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) ¾ - 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 face 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

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