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Introduction

Sawyer Metal is a family owned business that was established in 1979 by F.E. “Frank” Sawyer. Frank began his business with a pickup truck, some borrowed tools, and an old fashioned work ethic. After many years of hard work, Sawyer has expanded from its humble beginnings in construction into the largest manufacturer of metal building and roofing components in East Texas.

We are committed to excellence in the manufacturing of metal roofing and steel building products. We appreciate our customers, and we are devoted to exceeding their expectations. It is our promise to maintain honesty and integrity while we produce a superior product and customer service.
“R” Panel is a multi-use wall and roof panel used primarily in pre-engineered metal building applications.
Tex-Rib is a low profile (3/4") panel that is well suited for commercial, agricultural and residential applications. Tex-Rib can be installed on as low as a 1:12 pitch if sealant is used on the sidelaps. If not, a 3:12 pitch is recommended.

Our Tex-Rib with its anti-siphon feature gives you a weather-tight seal.
“U” Panel

“U” Panel is an exposed fastener wall and roof panel that is mainly used as a liner or partition panel.

FASTENING METHODS

FASTENER
(PATTERN #1)

STITCH FASTENER
(1’ - 8” O.C.)

TAPE SEALANT
ROOF PANEL SEAMS ONLY

FASTENER
(PATTERN #2)

STITCH FASTENER
(1’ - 8” O.C.)

TAPE SEALANT
ROOF PANEL SEAMS ONLY
Fasteners

The use of proper fasteners and installation procedures is an important factor in the appearance and performance of the panel system. Roofing and siding may be installed using fasteners with weather seal washers. Sawyer Metal shall not be liable for any claim or claims which arise out of the handling or installation of the material.

**Fasteners**

- **#12 MAXX**
  - Material: #12 Diameter 5/16" Cupped HWH self-drilling fastener easily penetrates steel up to .210" in thickness with no "point walking." 1/4" Stitch will securely fasten 2 layers of 26 GA with no strip-out.
  - Cupped head & washer encapsulate EPDM rubber washer & provide a secure seal even when driven at an angle.

  **FOR PROPER APPLICATION, THE USE OF IMPACT DRIVERS ARE NOT RECOMMENDED FOR POWDER COATED OR ANY WET PAINTED FASTENER**

- **#10 MAXX**
  - Material: Fastener designed to attach steel roofing & siding used in post-frame & residential metal roofing applications.
  - Threads transition from fine to coarse to generate superior holding strength in various wood substrates.
  - Sharp Point & pronounced lead thread consistently drills high tensile 29 & 26 gauge steel with no "point walking."
  - Type 17 point reduces metal shavings that can embed themselves in the rubber washer.
  - EPDM rubber is vulcanized to a steel washer to form an excellent seal even when driven at an angle.

  **FOR PROPER APPLICATION, THE USE OF IMPACT DRIVERS ARE NOT RECOMMENDED FOR POWDER COATED OR ANY WET PAINTED FASTENER**

**STOCKED SIZES**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>3/4&quot; PLY</th>
<th>5/8 PLY</th>
<th>1/2 PLY</th>
<th>7/16 OSB</th>
<th>2X SPINE</th>
<th>2X OAK</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARTON QTY</td>
<td>3000</td>
<td>2500</td>
<td>2500</td>
<td>2500</td>
<td>2500</td>
<td>2500</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>8.0</td>
<td>10.1</td>
<td>25.1</td>
<td>25.1</td>
<td>25.1</td>
<td>25.1</td>
</tr>
</tbody>
</table>

**NOTES:** All strength values shown above are ultimate values, expressed in LBS. Apply an appropriate safety factor to obtain design limits.

**Kwikseal II WoodBinder**

- **Fastener designed to attach steel roofing & siding used in post-frame & residential metal roofing applications.**
- **Threads transition from fine to coarse to generate superior holding strength in various wood substrates.**
- **Sharp Point & pronounced lead thread consistently drills high tensile 29 & 26 gauge steel with no "point walking.**
- **Type 17 point reduces metal shavings that can embed themselves in the rubber washer.**
- **EPDM rubber is vulcanized to a steel washer to form an excellent seal even when driven at an angle.**

**FOR PROPER APPLICATION, THE USE OF IMPACT DRIVERS ARE NOT RECOMMENDED FOR POWDER COATED OR ANY WET PAINTED FASTENER**

**STOCKED SIZES**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>5/8&quot; X 1/4&quot;</th>
<th>5/8&quot; X 7/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARTON QTY</td>
<td>3000</td>
<td>2500</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>8.0</td>
<td>10.1</td>
</tr>
</tbody>
</table>

**NOTES:** All strength values shown above are ultimate values, expressed in LBS. Apply an appropriate safety factor to obtain design limits.
### "R" Panel Trim

<table>
<thead>
<tr>
<th>SCULPTURED POST-HUNG GUTTER</th>
<th>SCULPTURED PRE-HUNG GUTTER</th>
<th>SCULPTURED GUTTER END CAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4”</td>
<td>3/4”</td>
</tr>
<tr>
<td></td>
<td>4”</td>
<td>1”</td>
</tr>
<tr>
<td></td>
<td>Girth = 21 1/4”</td>
<td>Specify Pitch</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCULPTURED RAKE</th>
<th>HIGHSIDE SCULPTURED RAKE</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1”</td>
</tr>
<tr>
<td></td>
<td>45°</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GUTTER SUPPORTS</th>
<th>SCULPTURED RAKE END CAP</th>
<th>RESIDENTIAL RAKE</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-5</td>
<td>STR-7</td>
<td>STR-8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4”</td>
<td>3/4”</td>
</tr>
<tr>
<td></td>
<td>2”</td>
<td>1 3/4”</td>
</tr>
<tr>
<td></td>
<td>Girth = 19”</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCULPTURED GUTTER END CAP</th>
<th>RESIDENTIAL RAKE</th>
<th>SCULPTURED CORNER BOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-3</td>
<td>STR-9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/12 Only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Girth = 12 3/4”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Specify Pitch</td>
</tr>
</tbody>
</table>
# "R" Panel Trim

<table>
<thead>
<tr>
<th>SCULPTURED PEAK BOX</th>
<th>OUTSIDE CORNER</th>
<th>INSIDE CORNER</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-10</td>
<td>STR-11</td>
<td>STR-12</td>
</tr>
<tr>
<td>1/12 Only</td>
<td>1 3/4&quot;</td>
<td>1 3/4&quot;</td>
</tr>
<tr>
<td>3 1/2&quot;</td>
<td>3/4&quot;</td>
<td>4 1/2&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
<td>1 3/4&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>TO FIT SCULPTURED RAKE</td>
<td>GIRTH = 13&quot;</td>
<td>GIRTH = 15&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEAD TRIM</th>
<th>JAMB TRIM</th>
<th>SIDEWALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-13</td>
<td>STR-14</td>
<td>STR-15</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1/2&quot;</td>
<td>1 3/4&quot;</td>
</tr>
<tr>
<td>1 3/4&quot;</td>
<td>1 3/4&quot;</td>
<td>5&quot;</td>
</tr>
<tr>
<td>GIRTH = 5&quot;</td>
<td>GIRTH = 5&quot;</td>
<td>GIRTH = 12&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BASE TRIM</th>
<th>CORNER PIER CAP (Mini Warehouse)</th>
<th>END WALL TRIM</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-16</td>
<td>STR-17</td>
<td>STR-18</td>
</tr>
<tr>
<td>3 1/8&quot;</td>
<td>4 1/8&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>1 1/2&quot;</td>
<td>1 3/4&quot;</td>
<td>Pitch</td>
</tr>
<tr>
<td>GIRTH = 5 1/4&quot;</td>
<td>GIRTH = 26 1/4&quot;</td>
<td>GIRTH = 10 1/2&quot;</td>
</tr>
</tbody>
</table>

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# “R” Panel Trim

## ZEE FLASHING

| STR-19 | 
|---|---|
| 1 1/2” | 1 3/4” |
| 2” |

**Girth = 5 ½”**

## JAMB HEAD COVER

| STR-20 | 
|---|---|
| 1 1/16” | 1 1/16” |
| 8 1/6” |

**Girth = 12 ½”**

## NOTES:

- Girth = 5 ½”
- Girth = 12 ½”
### “R” Panel Info

#### “R” Panel Section Properties

<table>
<thead>
<tr>
<th>Panel Gauge</th>
<th>Weight PSF</th>
<th>KY KSI</th>
<th>$I_x$ IN.4</th>
<th>$S_e$ IN.3</th>
<th>Ma KIP IN.</th>
<th>$I_x$ IN.4</th>
<th>$S_e$ IN.3</th>
<th>Ma KIP IN.</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>0.69</td>
<td>80</td>
<td>0.0247</td>
<td>0.0219</td>
<td>0.7883</td>
<td>0.0242</td>
<td>0.0301</td>
<td>1.082</td>
</tr>
<tr>
<td>26</td>
<td>0.88</td>
<td>80</td>
<td>0.0371</td>
<td>0.0337</td>
<td>1.211</td>
<td>0.0349</td>
<td>0.0400</td>
<td>1.437</td>
</tr>
<tr>
<td>26</td>
<td>0.88</td>
<td>50</td>
<td>0.0394</td>
<td>0.0362</td>
<td>1.085</td>
<td>0.0363</td>
<td>0.0404</td>
<td>1.211</td>
</tr>
<tr>
<td>24</td>
<td>1.04</td>
<td>80</td>
<td>0.0454</td>
<td>0.0460</td>
<td>1.654</td>
<td>0.0444</td>
<td>0.0486</td>
<td>1.746</td>
</tr>
<tr>
<td>24</td>
<td>1.04</td>
<td>50</td>
<td>0.0474</td>
<td>0.0482</td>
<td>1.442</td>
<td>0.0457</td>
<td>0.0491</td>
<td>1.469</td>
</tr>
</tbody>
</table>

1. Section properties are calculated in accordance with the 1986 Edition of the Cold Formed Steel Design Manual.
2. $I_x$ is for deflection determination.
3. $S_e$ is for bending.
4. Ma is the allowable bending moment.
5. All values are for one foot of panel width.

* Oil canning is a natural occurrence in metal and is not cause for panel rejection.

#### “R” Panel Allowable Load (PSF)*

<table>
<thead>
<tr>
<th>POSITIVE WIND LOAD</th>
<th>LIVE LOAD</th>
<th>DEFLECTION (IN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ga.</td>
<td>KSI</td>
<td>3’</td>
</tr>
<tr>
<td>29</td>
<td>80</td>
<td>97</td>
</tr>
<tr>
<td>26</td>
<td>80</td>
<td>150</td>
</tr>
<tr>
<td>26</td>
<td>50</td>
<td>134</td>
</tr>
<tr>
<td>24</td>
<td>80</td>
<td>204</td>
</tr>
<tr>
<td>24</td>
<td>50</td>
<td>178</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is increased by 33 1/3%.
3. Negative Wind is wind suction or uplift and is increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panels deflection to L/180.
6. Deflection (L/240) is the allowable load that limits the panels deflection to L/240.
7. The weight of the panel has not been deducted from the allowable loads.
8. Web crippling has not been checked for the allowable loads shown above.
### Tex-Rib Trim

<table>
<thead>
<tr>
<th>Outside Corner</th>
<th>Inside Corner</th>
<th>Residential Rake</th>
</tr>
</thead>
<tbody>
<tr>
<td>STT-1</td>
<td>STT-2</td>
<td>STT-3</td>
</tr>
<tr>
<td><img src="image1.png" alt="Diagram" /></td>
<td><img src="image2.png" alt="Diagram" /></td>
<td><img src="image3.png" alt="Diagram" /></td>
</tr>
<tr>
<td>Girth = 12 ¾&quot;</td>
<td>Girth = 12 ⅛&quot;</td>
<td>Girth = 10 ⅞&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Head Trim</th>
<th>Jamb Trim</th>
<th>Base Trim</th>
</tr>
</thead>
<tbody>
<tr>
<td>STT-4</td>
<td>STT-5</td>
<td>STT-6</td>
</tr>
<tr>
<td><img src="image4.png" alt="Diagram" /></td>
<td><img src="image5.png" alt="Diagram" /></td>
<td><img src="image6.png" alt="Diagram" /></td>
</tr>
<tr>
<td>Girth = 5&quot;</td>
<td>Girth = 5&quot;</td>
<td>Girth = 4 ¾&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Side Wall Tie In</th>
<th>Highside Trim</th>
<th>Gutter Supports</th>
</tr>
</thead>
<tbody>
<tr>
<td>STT-7</td>
<td>STT-8</td>
<td>STT-9</td>
</tr>
<tr>
<td><img src="image7.png" alt="Diagram" /></td>
<td><img src="image8.png" alt="Diagram" /></td>
<td><img src="image9.png" alt="Diagram" /></td>
</tr>
<tr>
<td>Girth = 9 ¾&quot;</td>
<td>Girth = 13 ⅞&quot;</td>
<td>Girth = 90°</td>
</tr>
<tr>
<td>RAKE &amp; GABLE TRIM</td>
<td>SHINGLE RAKE TRIM</td>
<td>END WALL TRIM</td>
</tr>
<tr>
<td>-------------------</td>
<td>-------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>STT-10</td>
<td>STT-11</td>
<td>STT-12</td>
</tr>
<tr>
<td>6 ¼&quot;</td>
<td>3 ¼&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>4 ¼&quot;</td>
<td>4 ¼&quot;</td>
<td>6 ¼&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1&quot;</td>
<td>1½&quot;</td>
</tr>
<tr>
<td>¾&quot;</td>
<td>¾&quot;</td>
<td>½&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1&quot;</td>
<td>GIRTH = 15&quot;</td>
</tr>
<tr>
<td>GIRTH = 15&quot;</td>
<td>GIRTH = 9 ¾&quot;</td>
<td>GIRTH = 10 ½&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCULPTURED RAKE</th>
<th>SCULPTURED RAKE END CAP</th>
<th>HIGHSIDE SCULPTURED RAKE</th>
</tr>
</thead>
<tbody>
<tr>
<td>STT-13</td>
<td>STT-14</td>
<td>STT-15</td>
</tr>
<tr>
<td>4 ⅜&quot;</td>
<td>1&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>4&quot;</td>
<td>1 ¾&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>4&quot;</td>
<td>3 ¼&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>2&quot;</td>
<td>1 ¾&quot;</td>
<td>1 ¾&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td></td>
<td>GIRTH = 18 ⅜&quot;</td>
</tr>
<tr>
<td>GIRTH = 18 ⅜&quot;</td>
<td>TO FIT SCULPTURED RAKE</td>
<td>GIRTH = 20 ⅛&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCULPTURED POST-HUNG GUTTER</th>
<th>SCULPTURED PRE-HUNG GUTTER</th>
<th>GUTTER END CAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>STT-16</td>
<td>STT-17</td>
<td>STT-18</td>
</tr>
<tr>
<td>3 ¼&quot;</td>
<td>3&quot;</td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td>7&quot;</td>
<td></td>
</tr>
<tr>
<td>1&quot;</td>
<td>1&quot;</td>
<td></td>
</tr>
<tr>
<td>GIRTH = 21 ⅜&quot;</td>
<td>GIRTH = 23 ⅛&quot;</td>
<td></td>
</tr>
<tr>
<td>SPECIFY PITCH</td>
<td>SPECIFY PITCH</td>
<td></td>
</tr>
</tbody>
</table>

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## Tex-Rib Info

### Tex-Rib Profile

The Tex-Rib profile is one of the most well-suited designs for both commercial and industrial use. It has shown tremendous growth in popularity as a residential roofing panel.

### Tex-Rib Section Properties

#### Top in Compression

<table>
<thead>
<tr>
<th>Panel Gauge</th>
<th>Weight PSF</th>
<th>KY KSI</th>
<th>Ix IN.4</th>
<th>Se IN.3</th>
<th>Ma KIP IN.</th>
<th>Ix IN.4</th>
<th>Se IN.3</th>
<th>Ma KIP IN.</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>0.71</td>
<td>80</td>
<td>0.0091</td>
<td>0.0134</td>
<td>0.670</td>
<td>0.0050</td>
<td>0.0119</td>
<td>0.568</td>
</tr>
<tr>
<td>26</td>
<td>0.90</td>
<td>80</td>
<td>0.0117</td>
<td>0.0188</td>
<td>0.901</td>
<td>0.0069</td>
<td>0.0155</td>
<td>0.743</td>
</tr>
<tr>
<td>26</td>
<td>0.90</td>
<td>50</td>
<td>0.0117</td>
<td>0.0188</td>
<td>0.563</td>
<td>0.0076</td>
<td>0.0161</td>
<td>0.482</td>
</tr>
<tr>
<td>24</td>
<td>1.12</td>
<td>80</td>
<td>0.0143</td>
<td>0.0231</td>
<td>1.108</td>
<td>0.0093</td>
<td>0.0197</td>
<td>0.946</td>
</tr>
<tr>
<td>24</td>
<td>1.12</td>
<td>50</td>
<td>0.0143</td>
<td>0.0231</td>
<td>0.692</td>
<td>0.0103</td>
<td>0.0205</td>
<td>0.614</td>
</tr>
</tbody>
</table>

#### Bottom in Compression

The Tex-Rib profile is one of the most well-suited designs for both commercial and industrial use. It has shown tremendous growth in popularity as a residential roofing panel.

#### Notes:

1. Allowable uniform loads are based upon 3 equal span lengths.
2. Positive Wind is wind pressure and is increased by 33 1/3%.
3. Live is the allowable live or snow load.
4. Deflection is actual deflection when loaded with the corresponding live load.
5. The weight of the panel has not been deducted from the allowable loads shown above.
6. Web crippling has not been checked for the allowable loads shown above.

### Tex-Rib Allowable Load (PSF)*

<table>
<thead>
<tr>
<th>POSITIVE WIND LOAD</th>
<th>LIVE LOAD</th>
<th>DEFLECTION (IN)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2' 2.5' 3' 4' 5' 6'</td>
<td>2' 2.5' 3' 4' 5' 6'</td>
</tr>
<tr>
<td>Ga. KSI</td>
<td>2' 2.5' 3' 4' 5' 6'</td>
<td>2' 2.5' 3' 4' 5' 6'</td>
</tr>
<tr>
<td>29 80</td>
<td>158 101 70 36 19 11</td>
<td>118 76 53 27 14 8</td>
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<tr>
<td>26 80</td>
<td>206 132 92 48 25 14</td>
<td>155 99 69 36 18 11</td>
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<tr>
<td>26 50</td>
<td>134 86 59 33 21 15</td>
<td>100 64 45 25 16 11</td>
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<tr>
<td>24 80</td>
<td>263 168 117 61 31 18</td>
<td>197 126 88 46 23 14</td>
</tr>
<tr>
<td>24 50</td>
<td>170 109 76 43 27 19</td>
<td>128 82 57 32 20 14</td>
</tr>
</tbody>
</table>

* Oil canning is a natural occurrence in metal and is not cause for panel rejection.
### “U” Panel Trim

#### SCULPTURED POST-HUNG GUTTER
- **STU-1**
  - Girth: 21 ⅛”
  - Specify pitch
  - **Dimensions:**
    - 3/4”
    - 1”
    - 4”
    - 7”

#### SCULPTURED PRE-HUNG GUTTER
- **STU-2**
  - Girth: 23 ⅞”
  - Specify pitch
  - **Dimensions:**
    - 4”
    - 7”

#### GUTTER END CAP
- **STU-3**
  - **Dimensions:**
    - 3/4”
    - 1”

#### GUTTER SUPPORTS
- **STU-4**
  - **Dimensions:**
    - 1”
    - 1/2”
    - 9”
    - 45°

#### SCULPTURED RAKE
- **STU-5**
  - **Dimensions:**
    - 4 3/4”
    - 1”
    - 2”
    - 1 3/4”
  - Girth: 18 ⅛”
  - To fit sculptured rake

#### SCULPTURED RAKE END CAP
- **STU-6**
  - **Dimensions:**
    - 3/4”
    - 1”

#### HIGHSIDE SCULPTURED RAKE
- **STU-7**
  - **Dimensions:**
    - 8”
    - 4”
    - 2”
    - 1 3/4”
  - Girth: 20 ⅛”
  - Specify pitch

#### OUTSIDE CORNER
- **STU-8**
  - **Dimensions:**
    - 3 3/8”
    - 3/4”
    - 1”
  - Girth: 11 ⅜”

#### INSIDE CORNER
- **STU-9**
  - **Dimensions:**
    - 3 3/8”
    - 3/4”
    - 1”
  - Girth: 11 ⅜”

[Diagram images of each item are included for visual reference.]
# "U" Panel Trim

<table>
<thead>
<tr>
<th>HEAD TRIM</th>
<th>JAMB TRIM</th>
<th>SIDE WALL</th>
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<tbody>
<tr>
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<td>2 7/8&quot;</td>
<td>1/2&quot;</td>
<td>1&quot;</td>
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<tr>
<td>7/8&quot;</td>
<td>7/8&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1&quot;</td>
<td>1/4&quot;</td>
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<tr>
<td><strong>Girth = 5&quot;</strong></td>
<td><strong>Girth = 5&quot;</strong></td>
<td><strong>Girth = 10 1/2&quot;</strong></td>
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<table>
<thead>
<tr>
<th>BASE TRIM</th>
<th>CORNER PIER CAP (Mini Warehouse)</th>
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<tbody>
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<td>STU-14</td>
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<td>2 1/4&quot;</td>
<td>4 1/8&quot;</td>
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</tr>
<tr>
<td>1/2&quot;</td>
<td>3 1/2&quot;</td>
<td>Pitch</td>
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<tr>
<td>1&quot;</td>
<td>16&quot;</td>
<td>6&quot;</td>
</tr>
<tr>
<td><strong>Girth = 4 1/2&quot;</strong></td>
<td><strong>Girth = 25 3/8&quot;</strong></td>
<td><strong>Girth = 10 3/8&quot;</strong></td>
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<tr>
<td></td>
<td></td>
<td><strong>Specify Pitch</strong></td>
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“U” PANEL ALLOWABLE LOAD (PSF)*

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<tr>
<th>SPAN TYPE</th>
<th>LOAD TYPE</th>
<th>1.5'</th>
<th>2'</th>
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<th>4.5'</th>
<th>5'</th>
<th>5.5'</th>
<th>6'</th>
<th>6.5'</th>
<th>7'</th>
<th>7.5'</th>
<th>8'</th>
<th>8.5'</th>
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<tbody>
<tr>
<td>Single</td>
<td>Positive Wind</td>
<td>386</td>
<td>217</td>
<td>139</td>
<td>96</td>
<td>70</td>
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<td>15</td>
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<td>12</td>
<td>10</td>
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<tr>
<td></td>
<td>Negative Wind</td>
<td>329</td>
<td>165</td>
<td>118</td>
<td>82</td>
<td>60</td>
<td>46</td>
<td>36</td>
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<td>15</td>
<td>13</td>
<td>10</td>
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<tr>
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<td>Deflection (L/180)</td>
<td>492</td>
<td>207</td>
<td>106</td>
<td>61</td>
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<td>2</td>
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<tr>
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<td>Deflection (L/240)</td>
<td>369</td>
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<td>2 Span</td>
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<td>93</td>
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<td>3 Span</td>
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<td>97</td>
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<td>209</td>
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<td>94</td>
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<tr>
<td></td>
<td>Negative Wind</td>
<td>418</td>
<td>242</td>
<td>157</td>
<td>110</td>
<td>81</td>
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<td>Live</td>
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<td>830</td>
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<td>179</td>
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<td>6</td>
<td>4</td>
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<td>3</td>
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</tbody>
</table>

NOTES:
1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is not increased by 33 1/3%.
3. Negative Wind is wind suction or uplift and is not increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panels deflection to L/180.
6. Deflection (L/240) is the allowable load that limits the panels deflection to L/240.
7. The weight of the panel has not been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load actually supported by the top flanges of the section.

“U” PANEL SECTION PROPERTIES

<table>
<thead>
<tr>
<th>Panel Gauge</th>
<th>Weight PSF</th>
<th>KY KSI</th>
<th>Ix IN.4</th>
<th>Se IN.3</th>
<th>Ma KIP IN.</th>
<th>Ix IN.4</th>
<th>Se IN.3</th>
<th>Ma KIP IN.</th>
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<td>26</td>
<td>0.87</td>
<td>80</td>
<td>0.0190</td>
<td>0.0363</td>
<td>1.3043</td>
<td>0.0130</td>
<td>0.0310</td>
<td>1.1130</td>
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</tbody>
</table>

“U” Panel Info

- 36” net coverage
- Optional Perlin Bearing Leg

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. Ix is for deflection determination.
3. Se is for bending.
4. Ma is the allowable bending moment.
5. All values are for one foot of panel width.
6. Oil canning is a natural occurrence in metal & is not cause for panel rejection.

1. Span Type
2. Load Type
3. 1.5’
4. 2’
5. 2.5’
6. 3’
7. 3.5’
8. 4’
9. 4.5’
10. 5’
11. 5.5’
12. 6’
13. 6.5’
14. 7’
15. 7.5’
16. 8’
17. 8.5’
18. 9’

Contact: www.sawyermetal.com

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### General Trim

<table>
<thead>
<tr>
<th>SAW-CUT REGLET</th>
<th>DOWN SPOUT</th>
<th>DOWN SPOUT ELBOW</th>
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<tbody>
<tr>
<td>STG-10</td>
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<td>STG-12</td>
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<tr>
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</tr>
<tr>
<td><strong>Girth = 5 3/4”</strong></td>
<td><strong>Girth = 16”</strong></td>
<td><strong>Girth = 16 1/2”</strong></td>
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</table>

<table>
<thead>
<tr>
<th>DOWN SPOUT WITH 60° ELBOW</th>
<th>DOWN SPOUT WITH KICKOUT</th>
<th>DOWN SPOUT SLEEVE</th>
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<tbody>
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<td>STG-13-KO</td>
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<td><img src="#" alt="Diagram" /></td>
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<tr>
<td><strong>Girth = 16 1/2”</strong></td>
<td><strong>Girth = 16 1/2”</strong></td>
<td><strong>Girth = 15”</strong></td>
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<tr>
<td>Length does not include elbow</td>
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<tr>
<th>DOWN SPOUT</th>
<th>OUTSIDE DOWN SPOUT STRAP</th>
<th>INSIDE DOWN SPOUT STRAP</th>
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<tbody>
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<td>STG-15</td>
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<td><img src="#" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>Girth = 13 1/2”</strong></td>
<td><strong>Girth = 13 1/2”</strong></td>
<td><strong>Girth = 7 1/4”</strong></td>
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</tbody>
</table>

**SAW-CUT REGLET DOWN SPOUT DOWN SPOUT ELBOW**

Downspout measured from top to bottom corner of elbow.

**SCUPPER OUTSIDE DOWN SPOUT STRAP INSIDE DOWN SPOUT STRAP**

For more information, visit [www.sawyermetal.com](http://www.sawyermetal.com).
# General Trim

<table>
<thead>
<tr>
<th>2&quot; OUTSIDE ANGLE</th>
<th>2&quot; INSIDE ANGLE</th>
<th>3&quot; OUTSIDE ANGLE</th>
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<tr>
<td>Girth = 5&quot;</td>
<td>Girth = 5&quot;</td>
<td>Girth = 7&quot;</td>
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<table>
<thead>
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<th>4&quot; OUTSIDE ANGLE</th>
<th>4&quot; INSIDE ANGLE</th>
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<td>Girth = 7&quot;</td>
<td>Girth = 9&quot;</td>
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<table>
<thead>
<tr>
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<th>12&quot; PIER CAP</th>
<th>16&quot; PIER CAP</th>
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<tr>
<td>Girth = 17 ¾&quot;</td>
<td>Girth = 21 ¾&quot;</td>
<td>Girth = 25 ¾&quot;</td>
</tr>
</tbody>
</table>
General Trim

**24” PIER CAP**

STG-27

![Diagram of Pier Cap](image)

- Dimensions: 24” x 4½” x 4½”
- Girth = 33 ¼”
- Specify Pitch

---

**END WALL TRIM**

STG-28

![Diagram of End Wall Trim](image)

- Dimensions: 4” x 6”
- Girth = 10 ½”
- Specify Pitch

---

**SCULPTURED EAVE**

STG-29

![Diagram of Sculptured Eave](image)

- Dimensions: 3” x 3½” x 1” x ¾”
- Girth = 9 ¾”

---

**RESIDENTIAL EAVE**

STG-30

![Diagram of Residential Eave](image)

- Dimensions: 3” x 3½” x ½”
- Girth = 7 ⅜”
- Specify Pitch

---

**TRANSITION**

STG-31

![Diagram of Transition](image)

- Dimensions: 6” x 8”
- Girth = 15”
- Specify Pitch

---

**General Trim**

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Anchor Bolt Plan
A plan view drawing showing the diameter, location, and projection of all anchor bolts for the components of the Metal Building System and may show column reactions (magnitude and direction). The maximum base plate dimensions may also be shown.

Approval Drawings
A set of drawings that may include framing plans, elevations, and sections through the building for approval by the builder.

Base Angle
An angle secured to a wall or foundation used to attach the bottom of the wall paneling.

Bay
The space between frame center lines or primary supporting members in the longitudinal direction of the building.

Beam and Column
A structural system consisting of a series of rafter beams supported by columns. Often used as the end frame of a building.

Bracing
Rods, angles, or cables used in the plane of the roof and walls to transfer loads, such as wind, seismic and crane thrusts to the foundation.

Building Code
Regulations established by a recognized agency describing design loads, procedures and construction details for structures usually applying to a designated political jurisdiction (city, county, state, etc.).

Built-Up Section
A structural member, usually an “I” shaped section, made from individual flat plates welded together.

Cee Section
A member in the shape of a block “C” formed from steel sheet, that may be used either singularly or back to back.

Closure Strip
A strip, formed to the contour of ribbed panels and used to close openings created by ribbed panels joining other components, either made of resilient material or metal.

DIE FORM ROLLER CAP
DOWNSPOUT WITH 60° ELBOW
EAVE TRIM
EASING EDGE
EDGE TRIM
RIDGE TRIM
ROLL-UP DOOR
SAIL OUT
SIDEWALL GIRT
SKYLIGHT PANEL
"R" PANEL
SCULPTURED GUTTER
SPECIAL HANDLES
HEAD TRIM
HORIZONTAL SLIDING GLASS WINDOW
JAMB TRIM
PBR PANEL
PURLIN
PEAK BOX
PEAK BOX
PSE SEALER
PPE SEALER
Rake
The intersection of the plane of the roof and the plane of the eave.

Ridge
The horizontal line formed by opposing sloping sides of a roof running parallel with the building length.

Self-Drilling Screw
A fastener that combines the function of drilling and tapping.

Self-Tapping Screw
A fastener that taps its own threads in a predrilled hole.

Sideshade
A member cold formed from steel sheet in the approximate shape of a “Z”.

Gable
The triangular portion of the endwall from the level of the eave to the ridge of the roof.

Loads...
• Auxiliary Loads All specified dynamic live loads other than the basic design loads which the building must safely withstand, such as cranes, material handling systems, machinery, elevators, vehicles, and impact loads.
• Collateral Loads The weight of additional permanent materials required by the contract, other than the Building System, such as sprinklers, mechanical and electrical systems, partitions and ceilings.
• Dead Loads The dead load of a building is the weight of all permanent construction, such as floor, roof, framing, and covering members.
• Design Loads Those loads specified in building codes published by Federal, State, County, or City agencies, or in owner’s specifications to be used in the design of a building.
• Live Loads Loads that are produced (1) during maintenance by workers, equipment, and materials, and (2) during the life of the structure by movable objects and do not include wind, snow, seismic, or dead loads.

Main Frame
An assemblage of rafters and columns that support the secondary framing members and transfer loads directly to the foundation.

Purlin
A horizontal structural member that supports roof coverings and carries loads to the primary framing members.
Metal Building Kits

Two-Door Garage - 24’ x 24’ x 10’
- Two 9’ x 7’ framed openings in end wall
- 1:12 roof pitch
- 26-gauge Galvalume Plus® roof
- 26-gauge SMP walls

Garage Workshop - 24’ x 36’ x 10’
- One 16’ x 8’ framed opening in end wall
- 1:12 roof pitch
- 26-gauge Galvalume Plus® roof
- 26-gauge SMP walls

Sawyer Metal XL - 30’ x 40’ x 12’
- Choice of 1:12 thru 4:12 roof pitch
- 10’ x 10’ framed opening in each end wall
- 26-gauge Galvalume Plus® roof
- 26-gauge SMP walls

Sawyer Metal XXL - ‘The JACK’ - 40’ x 50’ x 14’
- Choice of 1:12 thru 4:12 roof pitch
- 12’ x 12’ framed opening in each end wall
- 26-gauge Galvalume Plus® roof
- 26-gauge SMP walls

Sawyer Metal XXXL - 50’ x 100’ x 14’
- Choice of 1:12 thru 4:12 roof pitch
- 12’ x 12’ framed opening in each end wall
- 26-gauge Galvalume Plus® roof
- 26-gauge SMP walls
All Metal Building Kits Include:
• Bolt-together frame
• “R” panels on roof and walls
• 25-Year Limited Warranty on Galvalume Plus® panels
• 40-Year Limited Warranty on SMP painted panels
• Available in all standard colors
• Complete trim package (Does not include gutter and downspouts, unless specified)
• All screws, closures, bolts and sealant tape as necessary
• Erection drawings
*Anchor bolts not supplied

CUSTOM SIZES ALSO AVAILABLE
OPTIONAL “ECONOMY” PAINT PANELS ALSO AVAILABLE IN SELECT COLORS

OPTIONAL ADD-ONS
Walk Doors • Windows • Ridge Vents
Light Panels • Insulation

MINI STORAGE BUILDING SYSTEMS
Top quality, affordable, self-storage building systems.
26 GA Roof and Wall Panels
Galvalume Roof - 25 YR
SMP Walls - 40 YR (Sawyer Standard Colors)
Red Oxide Structural Framing
Sculptured Trim Package

Doors

PREMIUM QUALITY WALK DOORS
3’0” x 7’0” • 4’0” x 7’0” • 6’0” x 7’0”
• Galvanized Doors and Frames
• Insulated Door Cores
• Textured Steel Door Faces
• Completely Reversible
  (non-handed door systems)
• White and Bronze Colors
• Frame Profiles for Various Girt Sizes
• Full Line of Hardware Items
• Flexible Program Design

(NOTE: Door only. Frame and hardware not included)

FRAME KITS
Sawyer Metal frame kits come with frame, threshold and assembly bolts. (The 6’0” x 7’0” width comes with astragal and head and foot bolts.) Our Premium Package includes weatherstrip with 6 1/4” and 8 1/4” as standard. (Weatherstrip is not included with 4 1/4”.)
SunSky® Polycarbonate Panels

High performance glazing that stands up to punishing exterior applications, SunSky® Corrugated Polycarbonate Panels offer multiple advantages over traditional fiberglass corrugated panels: up to 20 times greater impact resistance, the highest light transmission rates, the lowest yellowing index, the highest load rating, and the highest resistance to wind uplift - outstanding properties confirmed in accredited laboratory testing and in installations worldwide since 1984.

- Virtually Unbreakable • Will Not Yellow • 10-Year Warranty
- Class A Fire Resistance Rating • Can Install Over Existing Metal Roofs
- Retains Optical Clarity (Far better than other glazing material)
- Wide Temperature Range (270°F to -40°F) • Easily and Safely Installed
- Hail and Wind Resistant • 100% UV Protection

SunSky® retains its impact properties over a wide temperature range while meeting building code requirements. SunSky® panels form a complete shield against harmful UV rays while admitting most of the visible light and preventing heat loss at night.

Skylight Panels

9" On Center (Matches Tex-Rib)
12’ Lengths Only*

12” On Center (Matches “R” Panel)
11’ Lengths Only*

9” On Center (Matches Tex-Rib)
12’ Lengths Only*

*Custom lengths available with minimum quantity order
Formaldehyde-free Fiberglass Insulation

Why JM Formaldehyde-free™ Insulation is Specified More Than Any Other Brand
- Only Johns Manville offers a complete line of Formaldehyde-free™ fiber glass building insulation, providing better indoor air quality.
- Outstanding thermal and acoustical performance
- Healthy, safer buildings
- Contains more certified post-consumer recycled glass than other fiber glass insulation.
- Helps maximize LEED® credits

The Solution For Responsible Building
There is growing concern over formaldehyde. Increasingly, state and federal health and environmental agencies as well as architects and sustainable building designers are recommending that exposure to formaldehyde be reduced. In fact, in its comments to the USGBC’s LEED-NC v2.2, US EPA recommended that exposure to formaldehyde be minimized as much as possible. This is especially true in healthcare, education, residential and office settings. According to the US EPA and the California EPA, one important reason to minimize formaldehyde exposure is because formaldehyde is recognized by the International Agency for Research on Cancer as Group 1 - known to cause cancer. California EPA has also determined that formaldehyde is a toxic air contaminant often found indoors at levels in excess of health-based guidelines and recommendations.

To promote the health of building occupants, particularly in healthcare, educational, residential and office situations, one obvious way to help minimize formaldehyde exposure is to use JM Formaldehyde-free™ fiber glass insulations to eliminate one source.

Microlite® “L” Insulation
Reinforced White Faced Insulation
UL Approved
Available in rolls, or can be pre-cut to fit building specs

Double-Face Tape
Patch Tape

Features:
- Meets ASTM Specification C991, Types I (Type II when faced), E136 (wool only) and NAIMA Standard 202-96 (Rev. 2000), and E84
- Meets FHC 25/50
- Reduces traditional fiberglass irritation & dust
- Features 3” R10
- Precut to order per building dimensions
- Perm rating of .02
- Bursting strength of 100 psi
- Certified ‘R’ Value

ArmorFlect is a reflective insulation comprised of a 1/2” fiberglass core bonded to a durable reinforced scrim facing, either white or 99% pure aluminum, which results in one of the most energy efficient products on the market today.

Available Sizes
Facings: White/Foil or Foil/Foil
Widths: 48” or 72”
Lengths: 100’
Thickness: 1/2”
Accessories

**Roofjacket**
- Manufactured from EPDM or silicone rubber, ROOFJACK is compounded for maximum resistance to ozone, UV light, & temperature extremes.
- Flexible aluminum base will allow the flashing to conform to any metal roof configuration. Pipe location can be centered in the flat of the panel or the rib. Urethane sealant & selfdrilling screws complete the installation.
- ROOFJACK are well marked so they can easily be cut with shears to fit exactly the pipe size used.
- ROOFJACK are available in Black or Gray EPDM & Red Silicone.
- Square ROOFJACK can be turned so corner is pointing up the roof. It will act as a water diverter.

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>BASE DIMENSION</th>
<th>COLOR MATERIAL</th>
<th>CARTON QUANTITY</th>
<th>WEIGHT PER CARTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINI</td>
<td>1/8”-3/4”</td>
<td>Black/Grey EPDM &amp; Red Silicone</td>
<td>15</td>
<td>2.5</td>
</tr>
<tr>
<td>#3</td>
<td>1”-5-3/4”</td>
<td>Black/Grey EPDM &amp; Red Silicone</td>
<td>15</td>
<td>7.5</td>
</tr>
<tr>
<td>#4</td>
<td>2-3/4”-2&quot;</td>
<td>Black/Grey EPDM &amp; Red Silicone</td>
<td>10</td>
<td>8.0</td>
</tr>
<tr>
<td>#5</td>
<td>4”-8-1/4”</td>
<td>Black/Grey EPDM &amp; Red Silicone</td>
<td>10</td>
<td>9.5</td>
</tr>
<tr>
<td>#6</td>
<td>4-3/4”-10”</td>
<td>Black/Grey EPDM &amp; Red Silicone</td>
<td>10</td>
<td>12.0</td>
</tr>
<tr>
<td>#7</td>
<td>5-1/2”-11-1/2”</td>
<td>Black/Grey EPDM &amp; Red Silicone</td>
<td>10</td>
<td>15.5</td>
</tr>
<tr>
<td>#8</td>
<td>6-3/4”-13-1/2”</td>
<td>Black/Grey EPDM &amp; Red Silicone</td>
<td>5</td>
<td>12.3</td>
</tr>
<tr>
<td>#9</td>
<td>9-1/2”-20-1/2”</td>
<td>Black/Grey EPDM &amp; Red Silicone</td>
<td>5</td>
<td>19.3</td>
</tr>
</tbody>
</table>

Also available in High Temperature models.

**EZ Vent-N-Closure**
- The EZ Vent-N-Closure system was designed to provide ridge ventilation for most metal roofing profiles, including R-Panel, U-Panel, Standing Seam and more.
- Continuous Metal Ridge Ventilation
- Passed the 110 MPH Wind Driven Rain Test
- 26 Gauge Construction with Built-In Closure
- 5 ft Lengths for Ease of Installation
- Eliminates Foam Closure Failure
- Designed for Most Metal Roofing Profiles
- Ideal for Retro-Fit Applications
- Metal Buildings, Post Frame, Residential
- Made in the U.S.A.

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>EPDM 509</th>
<th>SILICONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Ozone Resistance Tested to</td>
<td>70 hr @ 500 ppm</td>
<td>70 hr @ 500 ppm</td>
</tr>
<tr>
<td>High Temperature Resistance Tested to</td>
<td>+135°C (+273°F)</td>
<td>+200°C (+392°F)</td>
</tr>
<tr>
<td>Low Temperature Resistance Tested to</td>
<td>-50°C (-58°F)</td>
<td>-14°C (-10°F)</td>
</tr>
<tr>
<td>Tensile Set Maximum Compression Set Maximum</td>
<td>10MPa (145psi) 25%</td>
<td>5MPa (70psi) 50%</td>
</tr>
</tbody>
</table>

**EASY INSTALLATION**
1. Choose pipe opening and trim
2. Slide over pipe
3. Form to roof profile
4. Apply sealant
5. Fasten to complete
• Adhesive is applied to the flat of the foam strip for easy field installation
• Open cell foam formulated to allow as much as 98% free air flow
• Material design prevents wind-driven rain from penetrating the material causing undesired leaks
• Material design is universal in nature. It will conform to any panel 1 1/4” or less in height
• MultiVent™ can be used on angled roof applications. There is no need for special angle cut closures

Material conforms to any panel configuration.  MultiVent™ maximizes free air flow due to its unique open-cell structure.

---

**MultiVent™**

- MultiVent™ is a ventilated roll product for metal roof ridge cap applications
- Material is a non-woven, UV resistant, polyester fabric with an acrylic binder that allows for maximum air movement
- Provides more air movement than polyurethane rolls coated with PVC
- Passes the extreme wind driven rain test
- 1 1/2” x 2” x 10’ Polyester vented strip has pre-applied adhesive strip
- Universal feature allows application to ridge cap
- 200 lineal feet per box/2 each 10’ strips per package/10 packages per box

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**MultiVent™**

1. Roll MultiVent™ onto ridge cap.
2. Fasten ridge cap to roof with KwikeeFast® II WoodRaider® fasteners.
MultiVent™ will mold to roof panel profile.

---

**Physical Property**

<table>
<thead>
<tr>
<th>Property</th>
<th>Protocol</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density (lbs. per cu.ft.)</td>
<td>ASTM D3574</td>
<td>0.90 pcf</td>
</tr>
<tr>
<td>110 mph Wind Driven Rain TestT</td>
<td>AS 100(A)</td>
<td>Pass</td>
</tr>
<tr>
<td>Air Permeability (ft³/min./ft² of surface)</td>
<td>ASTM D737</td>
<td>13.29</td>
</tr>
<tr>
<td>Tear Strength</td>
<td>ASTM D2261</td>
<td>4.5 psi</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D638</td>
<td>19 psi</td>
</tr>
<tr>
<td>Compression Strength</td>
<td>ASTM D3574</td>
<td>0.52 psi @50%</td>
</tr>
</tbody>
</table>

**MultiVent™**

- Net Free Area:
  a) 3/4” rib height (Grand Rib type profile) 19.00 in²
  b) 1/2” rib height (5-V Crimp type profile) 15.55 in²
  c) 1/2” rib height (Channel Drain type profile) 13.26 in²
  d) 13/16” rib height (U-Panel type profile) 16.58 in²

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**Sealite MultiVent 10™**

- Color: Charcoal Gray
- Tensile (ASTM D3574) 8.6
- Density lbs./ft² 40.9
- Elongation % 100 min.
- Tear Strength lbs./in. 3.0 min.
- Compression Deflection:
  - 25% reduction in thickness psi 0.25 min.
  - Compression Set (80% deflection) % 15 max.
- Cell Size: 13 min.-23 max.
- Net Free Area: % 90.4%
- 3/4” thickness in/lin. ft. 0.65
- 1” thickness in/lin. ft. 1.18
- 1-1/4” thickness in/lin. ft. 1.47
- Air Permeability: cfm 700-800
- Service Temperature Range:
  - High Intermittent: °F 250
  - Continuous: °F 200
  - Cold Temperature Resistance: °F (-40)
  - Melt Temperature: °F 500

---

**MultiVent™**

- Adhesive is applied to the flat of the foam strip for easy field installation
- Open cell foam formulated to allow as much as 98% free air flow
- Material design prevents wind-driven rain from penetrating the material causing undesired leaks
- Material design is universal in nature. It will conform to any panel 1 1/4” or less in height
- MultiVent™ can be used on angled roof applications. There is no need for special angle cut closures

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ST Closure Strips

- Designed to close gaps in roof & sidewall applications. Material is pre-cut to conform to metal panel configurations.
- Applications include closing the openings at the ridge (peak of the building) or at the eave (gutter-line of a building).
- 1.8 lb. Density polyethylene foam is designed to withstand harsh weather elements including moisture & ultraviolet rays.
- Optional pre-applied adhesive helps to keep closure in place before roof panel is fastened.
- Interlocking dovetails provide a secure end-to-end fit, eliminating any potential gaps.
- Other profiles are available, call SEALITE Customer Service for availability.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PITCH OF CORR</th>
<th>WIDTH OF STRIP</th>
<th>HEIGHT OF CORR</th>
<th>LENGTH OF STRIP</th>
<th>PIECES PER CTN.</th>
<th>WEIGHT PER CTN.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; Tex-Rib</td>
<td>0&quot;</td>
<td>7/8</td>
<td>3/4&quot;</td>
<td>36&quot;</td>
<td>100</td>
<td>6 LBS.</td>
</tr>
<tr>
<td>R-Panel</td>
<td>12&quot;</td>
<td>7/8</td>
<td>1 1/4&quot;</td>
<td>36&quot;</td>
<td>100</td>
<td>8 LBS.</td>
</tr>
<tr>
<td>U-Panel</td>
<td>6&quot;</td>
<td>7/8</td>
<td>3/4&quot;</td>
<td>36&quot;</td>
<td>100</td>
<td>6 LBS.</td>
</tr>
</tbody>
</table>

LAMINATE PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST PROCEDURES</th>
<th>2 PCF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength (PSI)</td>
<td>Machine Direction</td>
<td>ASTM D-3575</td>
</tr>
<tr>
<td>Elongation %</td>
<td>Machine Direction</td>
<td>ASTM D-3575</td>
</tr>
<tr>
<td>Compression Resistance</td>
<td>(Deflection)</td>
<td>ASTM D-3575</td>
</tr>
<tr>
<td>Tear Resistance (PL)</td>
<td>Machine Direction</td>
<td>ASTM D-3575</td>
</tr>
<tr>
<td>Shore Hardness</td>
<td>0 (Scale)</td>
<td>ASTM 2240</td>
</tr>
<tr>
<td>Thermal Stability (% Max.)</td>
<td>Machine Direction</td>
<td>ASTM 3177</td>
</tr>
<tr>
<td>Thermal Conductivity (K Factor)</td>
<td>0 (Scale)</td>
<td>ASTM C177</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>(Btu/in. /Hr, °F)</td>
<td>ASTM D-1667</td>
</tr>
<tr>
<td>Working Temperature Range</td>
<td>(Degree F)</td>
<td>-110 to +200</td>
</tr>
<tr>
<td>Flammability</td>
<td></td>
<td>A15S 30L</td>
</tr>
</tbody>
</table>

Roll Tape Sealant

- AST is a self-adhering foam tape impregnated with water-based acrylic-modified asphalt emulsion.
- It is an excellent alternative to butyl tape & open-cell polyurethane foam strips.
- Will not dry out and become hard and brittle.
- UV-stable.
- Highly resistant to bugs and vermin.
- Will not extrude from between joints like caulk or butyl tapes.
- Conforms to contours and fills gaps.
- Maintains a seal during thermal expansion and contraction of building panels.
- Excellent compressibility and recovery (minimal compression set).
- Good thermal and sound insulator.
- No shrinkage or blow-out due to closed-cell breakage.
- Supplied with self-adhesive on one side. After removal of packaging, material begins gradual expansion - more slowly in cold weather than in hot.
- MST is a resilient cellular foam infused with a hydrophobic (water resistant) modified acrylic liquid adhesive sealant.

<table>
<thead>
<tr>
<th>SUPPLIED SIZE</th>
<th>EXPANDED SIZE</th>
<th>LF/BOX</th>
<th>REELS PER BOX</th>
<th>REEL LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; x 1&quot;</td>
<td>1&quot; x 1&quot;</td>
<td>511.68 LF</td>
<td>26</td>
<td>19.7&quot;</td>
</tr>
<tr>
<td>3/8&quot; x 1&quot;</td>
<td>1-1/2&quot; x 1&quot;</td>
<td>314.88 LF</td>
<td>24</td>
<td>13.1&quot;</td>
</tr>
</tbody>
</table>

Tube Sealant

- Superior holding power for longer lasting seals.
- Suitable for exterior applications (roofing).
- Bonds similar and dissimilar materials.
- Clear formula blends with any substrate color.
- Wide temperature application range makes MasterSeal NP 125 suitable for all climates.
- 100% solids, asbestos free butyl tape sealant in roll form.
- Applications include metal roof end laps, sidelaps, vents, gutters, pipe flashings, skylights.
- Service temperature range is -40 Degrees F to +180 Degrees F.
- Material will not become brittle or crack.

<table>
<thead>
<tr>
<th>Butyl Tape</th>
<th>3/32&quot; x 3/8&quot; x 45'</th>
<th>(40 rolls per carton)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3/32&quot; x 1&quot; x 40'</td>
<td>(20 rolls per carton)</td>
</tr>
</tbody>
</table>
## Accessories

<table>
<thead>
<tr>
<th>TOUCUP Paint (Specify Color)</th>
<th>Anchors &amp; Rivets</th>
<th>Sockets &amp; Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Touch-Up Paint" /></td>
<td><img src="image2" alt="Anchors" /></td>
<td><img src="image3" alt="Sockets" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Malco Turboshear</th>
<th>Patch &amp; Double-Sided Tape</th>
<th>1/2&quot; x 9&quot; Weld Eye Bolt w/Hill Side</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4" alt="Malco Turboshear" /></td>
<td><img src="image5" alt="Patch" /></td>
<td><img src="image6" alt="Weld Eye Bolt" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Saw Blades</th>
<th>Snips</th>
<th>Fein Nibbler</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image7" alt="Saw Blades" /></td>
<td><img src="image8" alt="Snips" /></td>
<td><img src="image9" alt="Fein Nibbler" /></td>
</tr>
</tbody>
</table>
Standard Punching Patterns Order Information - Eave Struts

<table>
<thead>
<tr>
<th>SIZE</th>
<th>GAUGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot;</td>
<td>14</td>
</tr>
<tr>
<td>8&quot;</td>
<td>14</td>
</tr>
<tr>
<td>7&quot;</td>
<td>14</td>
</tr>
</tbody>
</table>

Other section depths compatible with cees and zeas are available. Contact Customer Service for more information.

Note: Available in plain and punched.

ORDER INFORMATION
To determine actual order length, subtract 1/2” from bay spacing.

Maximum roof pitch: 4:12

IMPORTANT INFORMATION:

1. Standard structural shapes are available in 16, 14 and 12 gauge, hi-strength hot rolled material as per ASTM A570 Grade 55 (57,000 PSI minimum yield strength) Steel.
2. Allowable loads have been calculated in accordance with the 1986 edition of AISI specifications.
3. Standard finish is red oxide primer.
4. Galvanized (G-90) is also available. Contact Customer Service for lead times.
5. Please inquire concerning special custom shaped sections and special punching.
Available Flange Widths
For Symmetrical Zees & All Cee

**AVAILABLE FLANGE WIDTHS FOR LGSZ ZEES (6” THRU 12”)**

<table>
<thead>
<tr>
<th>SECTION FLANGE</th>
<th>ACTUAL DIM (LGSZ ZEES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 1/2</td>
<td>2 1/8 &amp; 2 3/8</td>
</tr>
<tr>
<td>3</td>
<td>2 5/8 &amp; 2 7/8</td>
</tr>
<tr>
<td>3 1/2</td>
<td>3 1/8 &amp; 3 3/8</td>
</tr>
</tbody>
</table>

NOTE:
Holes will always be punched in wider flange.

1 3/4” SEE NOTE #3.
1 3/4” SEE NOTE #3.
1 3/4” SEE NOTE #3.

1 3/4” SEE NOTE #3.
ONE (1) FLANGE ONLY

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Standard Punching Patterns Order Information - Cees & Zees

**SIMPLE SPAN**

**Order Information:**
1. To determine actual order length, subtract 1/2" from bay spacing.
2. To determine end bay actual order length, subtract 1/2" from bay spacing.

**Note:** all center holes shown are punched in 10" & 12" Cee or Zee only.

**SHORT LAP**

**Order Information:**
1. To determine actual order length, add 7 1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 3 3/4" to bay spacing.

**Note:** when using short lap, simple span load tables apply.

**LONG LAP**

**Order Information:**
1. To determine actual order length, add 2'-3 1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 1'-1 3/4" to bay spacing.
Standard Punching Patterns Order Information - Cees & Zees

MAX LAP

Order Information:
1. To determine actual order length, add 4'-3 1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 2'-1 3/4" to bay spacing.

SUPER LAP

Order Information:
1. To determine actual order length, add 6'-3 1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 3'-1 3/4" to bay spacing.

NOTES:
Sub-Structural Components

Punching Information

* SIMPLE SPAN PUNCH

* SHORT LAP PUNCH

* LONG LAP PUNCH
Punching Information

* MAX LAP PUNCH

* SUPER LAP PUNCH

* UNIVERSAL PUNCH

* Holes shown are for members less than 10" in depth.

Includes: Simple Span, Short Lap, and Long Lap
Sub-Structural Components

Combination Punching

* END BAY PUNCH

Includes: Max Lap and Short Lap

* STANDARD PUNCH

Includes: Max Lap and Long Lap

* EXTENDED PUNCH

Includes: Super Lap and Max Lap
Combination Punching

* CLASSIC PUNCH / PATTERN A

Includes: Simple Span, Short Lap, Long Lap, and Max Lap

* COMPREHENSIVE PUNCH / PATTERN B

Includes: Simple Span, Short Lap, Long Lap, Max Lap, and Super Lap

* PATTERN G

* Holes shown are for members less than 10" in depth.
**Sub-Structural Components**

Bolts Per Lap Type - Bolts = 1/2” Diameter

For 6” thru 9” Deep Zees, 6 Bolts required per Lap.

For 10” thru 12” Deep Zees, 8 Bolts required per Lap.

Alternate for 10” Deep Zees, 8 Bolts required per Lap.
**Availability**

<table>
<thead>
<tr>
<th>SECTION</th>
<th>GA.</th>
<th>WT PER LINEAL FT.</th>
<th>ACTUAL DIM (LGSI ZEES)</th>
<th>AVAILABILITY</th>
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<tbody>
<tr>
<td>12 x 4</td>
<td>12</td>
<td>7.48</td>
<td>—</td>
<td>—</td>
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<tr>
<td>12 x 3</td>
<td>14</td>
<td>6.77</td>
<td>—</td>
<td>—</td>
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<tr>
<td>12 x 2 1/2</td>
<td>14</td>
<td>6.41</td>
<td>—</td>
<td>—</td>
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<td>10 x 4</td>
<td>14</td>
<td>4.51</td>
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<td>—</td>
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<tr>
<td>8 x 3</td>
<td>12</td>
<td>5.34</td>
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1.) Galvanized (G-90) substrate is available on most items. Please inquire.
2.) Some items require longer lead times. For delivery information, please contact Customer Service.
Terms & Conditions of Sale

1. All references to Sawyer Metal refer to F.E. Sawyer Building Systems, Inc. D/B/A Sawyer Metal. All references to Seller refer to Sawyer Metal.

2. The parties expressly agree that none of the following will be construed as part of the agreement: (a) the buyer’s terms and conditions of purchase, unless expressly agreed to by Sawyer Metal; or (b) any previous agreement or understanding between the parties, written or oral.

3. Payments due under this contract for materials and any other money due Seller by Buyer shall be paid to Seller at its principal office in Tyler, Smith County, Texas, unless otherwise directed by Seller. The laws of the State of Texas shall govern this Agreement.

4. Buyer agrees that by agreeing to this Agreement, Buyer hereby agrees to submit to the jurisdiction of the courts of Tyler, Smith County, Texas, for any and all claims or disputes arising out of all transactions between Seller and Buyer. Buyer voluntarily agrees that Tyler, Smith County, Texas, is the most convenient forum and understands the choice of forum is an integral and vital part of Seller’s agreement to sell to Buyer. By agreeing to serve in Tyler, Smith County, Texas, Buyer fully intends to waive its rights, if any, to venue in any other place than Tyler, Smith County, Texas. Buyer agrees that this agreement is performable in Tyler, Smith County, Texas, the location of Seller’s principal office. In the event of any controversy or dispute hereunder, the parties agree that the place of performance shall be Tyler, Smith County, Texas. The parties further agree that any and all rights to trial shall be governed by the section titled “Common Industry Practice” of the Low Rise Building System Manual, latest edition, published by the Metal Building Manufacturers Association, 1230 Keith Building, Cleveland, Ohio, 44115.

5. Buyer agrees that all payments with lien release language on the back of the check shall be sent to the principal office of Seller, in Tyler, Smith County, Texas. Buyer agrees that any payment accepted through Seller’s lockbox with lien release language on the check is conditional upon Buyer’s agreement to the back of the check and Buyer’s agreement to the terms of the lockbox. Buyer’s agent at the lockbox will endorse and/or accept checks as Seller is authorized only to endorse paid checks and, in no event, shall Buyer ever give rise to a claim of any authority, apparent or otherwise, beyond that described in this paragraph. Acceptance of any conditional check, including any lien release language or otherwise at the lock box shall be only a partial release for those funds received and never otherwise. This paragraph cannot be waived or modified except in writing in advance.

6. Terms of sale are C.O.D. unless otherwise agreed to in writing. Any and all credit terms shall be established at the sole discretion of Seller’s Credit Department. In the event Seller grants Buyer credit terms, said credit terms are subject to change at any time, for any reason or no reason.

7. Buyer has and does by these presents grant to Seller and Seller has and does hereby retain a security interest in all materials, parts and accessories (as well as all finished goods and/or the proceeds from the same) thereof as described in and being purchased by Buyer pursuant to this Agreement. In addition, Buyer has and does by these presents grant to Seller and Seller has and does hereby retain a security interest in all existing or subsequently arising accounts, receivables and obligations which may arise from time to time hereafter arising out of this security interest as a result of Buyer’s sale of any of the said materials, parts, accessories, or finished goods thereof to any third party. The security interest granted hereby shall remain in full force and effect, and continue to be in effect, whether or not any other causes beyond Seller’s control, acting singly or in combination, cause or permit any acceleration, including, but not limited to, liquidation, bankruptcy, or similar action, beyond Buyer’s control, including, but not limited to, liquidation, bankruptcy, or similar action, beyond Buyer’s control.

8. No warranties are made as to the performance of materials or manufacturers thereof. Seller does not warrant any products or materials that are not manufactured by Seller except to the extent of the warranty Seller may actually pass through or assign from the manufacturer. EXCEPT AS STATED ABOVE, SELLER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THE PARTEES HEREBY STIPULATE THAT ALL SUCH WARRANTIES ARE HEREBY EXCLUDED. Buyer agrees that Seller shall not be responsible or liable for any and all claims, loss, injury, or property damage claimed to have arisen out of any alleged misfabrications or delay in carrying out this contract.

9. All orders are subject to approval and acceptance by Seller. Terms contained within any Purchase Order issued by Buyer conflicting with these Terms and Conditions shall be of no force and effect. All sales by Seller of any nature to Buyer shall be made under the provisions of this Agreement. Any documents that Buyer may use from time to time for their convenience, including but not limited to, purchase orders or sales acknowledgment forms shall be deemed to be for administrative convenience only and the terms and conditions of this Agreement as well as the terms and conditions as stated in Seller’s invoices and bills of lading shall supersede and take precedence over any of Buyer’s terms and conditions which may be contained in any such forms.

10. Seller shall not be liable to Buyer for any incidental, special, consequential, exemplary or liquidated damages of any nature. Additionally, Seller shall not be liable to Buyer for Buyer back charges or loss of use to Buyer arising out of any alleged delays or misfortune in delivery or carry out this contract.

11. In no case shall Seller be liable in any way to Buyer, building owner, or any other party for water intrusion or the existence of moisture occurring prior to delivery of Seller’s material or existing thereafter or any possible effects resulting from there (including fung), mold or mildew, defects, failure in performance, loss or damage due to force majeure conditions including, without limitation: fire, flood, epidemics; lightning; strike; embargo; expiration; power failure or acts of God; war or labor or employment disputes; civil disturbances; acts of civil or military authority; inability to secure materials, fuels, products or transportation facilities; terrorism; acts of government, inability to obtain materials; loss, damage or delay of materials; acts of any kind or any other cause beyond Seller’s control, acting singly or in combination, cause or permit any acceleration, including, but not limited to, liquidation, bankruptcy, or similar action, beyond Buyer’s control.

12. Either party may cancel an order by giving written notice to the other party. In the event of such cancellation, Buyer agrees to pay Seller all costs and damages incurred by Seller in preparing to perform the terms of the order prior to receipt of the Seller’s written notice, including but not limited to, expenses of purchases of material, labor, fabrication and overhead.

13. All materials sold hereunder to Buyer are final and cannot be returned to Seller for credit unless Buyer obtains prior written approval from Seller’s authorized representative. A 25% restocking fee shall be charged on all returned materials. Buyer may arrange for pickup of ordered or Seller’s plant or shipped will be made common carrier “Freight Collect” unless other arrangements are previously made. If, at Buyer’s request, the delivery of materials is delayed, then Seller shall have the option to invoice Buyer for the price of materials, which invoice shall be due in accordance with the terms of payment provided herein. Buyer will reimburse Seller for the cost of storing materials if shipment is delayed by Buyer, and will assume any damages and costs arising therefrom.

14. Upon receipt of payment in full, Seller warrants its workmanship only against failure due to defective materials or workmanship for a period of one (1) year from date of manufacture; however, Buyer’s sole and exclusive remedy shall be limited to the repair or replacement of defective parts); F.O.B. Seller’s plants (transportation, redelivery, dismantling, disposal of material and installation are not included and shall be borne and paid for by Buyer). Any such replacement or repair shall not include any materials not sold by Seller hereunder, and any obligations related to any other business of the Buyer or any property of third parties. UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE TO BUYER, OWNERS, OR ANY THIRD PARTY, IN ANY RESPECT, FOR, AND SELLER HEREBY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES OR REPRESENTATIONS PERTAINING TO, PRESENT OR FUTURE WATER LEAKS, OR MOISTURE INTRUSIONS, DANGERS, (TO THE BUILDINGS), OR ANY COMPONENTS OR CONTENTS THEREOF, OR ANY INTERIOR SPACES) OR PROPERTY THEREIN, INCLUDING CLAIMS PERTAINING TO MOLD, MILDEW OR FUNGUS, OR INTERUPTION IN THE USE OF THE BUILDINGS) OR ANY PROPERTY OR PROPERTY DAMAGE CLAIMS RESULTING FROM THE ALLEGED EXISTENCE OR GROWTH OF MOLD, MILDEW, OR FUNGUS. As a condition precedent to the effectiveness of any warranty provided herein, all claims for shortages or defective materials must be made to Seller in writing within five (5) days after delivery of shipment (which the Parties agree is a reasonable time), or any and all such claims shall be conclusively waived and released by Buyer. Notwithstanding the foregoing, installation of materials shall unequivocally constitute irrevocable acceptance of said materials.

15. In all cases, specifications, details, descriptions, documents, terms and/or conditions not specifically referred to and accepted in the agreement in this letter shall be determined to not apply and Buyer will be provided with a refund of materials and/or Metal Building Systems and its accessories, and the exact location of accessories. All material sold will be in substantial compliance to approved drawings only. Buyer may orally waive the right to receive and approve drawings; provided, however, that in waiving such right, Buyer accepts Seller’s interpretation as being correct and further accepts all responsibilities for any discrepancies in the materials and/or Metal Building System that a review of the said drawings would have revealed to Buyer. Detailed shop drawings of individual parts of the material or Metal Building System will not be furnished by Seller.

16. Buyer may submit a written request for change orders to Seller adding, deleting or altering the Quantity, Description or Specifications of material ordered. Seller, upon receipt of a written request for change order, shall price the requested changes within five (5) days after receipt of the request for change order unless Buyer accepts in writing, without alteration or adjustment, the change order at the prices and terms quoted by Seller.

17. BUYER ASSUMES ENTIRE RESPONSIBILITY AND LIABILITY FOR ANY CLAIMS OR ACTIONS BASED ON OR ARISING OUT OF INJURIES, INCLUDING DEATH, TO PERSONS OR DAMAGES TO OR DESTRUCTION OF PROPERTY (WETHER BELONGING TO BUYER, BUILDING OWNER, AND/OR ANY THIRD PARTY), SUSTAINED OR ALLEGED TO HAVE BEEN SUSTAINED IN CONNECTION WITH OR TO HAVE ARSEN OR OUT OF INCIDENTAL TO THE PERFORMANCE OF THIS CONTRACT BY BUYER, ITS AGENTS AND EMPLOYEES, AND ALL OTHERS, INCLUDING CLAIMS OR ACTIONS BROUGHT IN WHOLE OR IN PART UPON THE ALLEGED ACTS, OMISSIONS, NEGLIGENCE OR FAULT OF SELLER, ITS REPRESENTATIVES, AGENTS, EMPLOYEES, THIRD PERSONS, OR DAMAGES TO OR DESTRUCTION OF PROPERTY, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY OR PROPERTY DAMAGE CLAIMS RESULTING FROM THE ALLEGED EXISTENCE OR GROWTH OF MOLD, MILDEW AND/OR FUNGI. As a condition precedent to the effectiveness of any warranty provided herein, all claims for shortages or defective materials must be made to Seller in writing within five (5) days after delivery of shipment (which the Parties agree is a reasonable time), or any and all such claims shall be conclusively waived and released by Buyer. Notwithstanding the foregoing, installation of materials shall unequivocally constitute irrevocable acceptance of said materials.
Warranty Information

The only warranties available are those issued in writing by the manufacturer and no other warranties either implied or expressed are to be considered.

PLEASE NOTE: Actual colors may vary from the sample swatches shown. These colors may not match those of other companies despite color names being identical.

Different paint systems may have slightly different color shades between systems even though the color name is the same.

Film thickness on 40-Year SMP painted material is 1.0 mils nominal (± 0.2 mils) on the finish colors, 0.5 mils nominal (± 0.1 mils) on the reverse side. Both thicknesses are inclusive of the primer.

Film thickness on 10-Year & Non-Warranties material is 0.8 mils nominal (± 0.2 mils) on the finish color, 0.5 mils nominal (± 0.1 mils) on the reverse side. Both thicknesses are inclusive of the primer.

Non-Warrantied panels are sold (AS IS) with possible imperfections and are not rejectable.

All painted material has an Off-White, Non-Warrantied, straight polyester wash coat on the reverse side. Reverse side shades may vary but this is not a cause for rejection.

These COLOR NAME PREFIXES will be used to identify the PAINT SYSTEMS shown:
NW = Non-Warrantied Polyester, COM = 10-Year Commodity Polyester, SMP = 30-Year Siliconized Polyester.