L-800R™ LINER, A PRIMARY ELEMENT OF AN INSULATED METAL WALL CLADDING

Several elements go into an Insulated Metal Wall Cladding Assembly, and L-800R plays a very important part.

1. L-800R Liner
2. Notched Z-Bar sub-girt
3. U-Channel sub-girt
4. Semi-rigid glass fibre insulation
5. Exterior cladding profile
6. Exterior metal trim
7. Field applied sealants
8. Structural supports (not by Vicwest)

FUNCTION
The L-800R™ Liner is a multi-functional component of any insulated metal wall cladding installation:

a) As an air/vapour retarder, with caulking in the side laps, end laps, and around the perimeter of the installation of the liner sheets. When properly sealed, the L-800R Liner resists migration of warm moist air from the building’s interior into the insulation cavity.

b) As a structural member, it provides support for the insulating materials.

c) As a visible interior skin, it provides an attractive surface that may be left as installed, or field painted to suit your needs.

d) As an acoustical liner, the L-800R Liner may be perforated for acoustical installations, and provides an NRC of 0.65 based on using 50 mm of semi-rigid insulation with a 4 mil polyethylene backing.

MATERIAL SPECIFICATIONS
The L-800R Liner may be fabricated from steel, aluminum, or stainless steel coil. Steel core materials may be zinc coated (galvanneal or galvanized) through the continuous hot-dipped process, in accordance with ASTM specification A653 or A653M, or aluminum-zinc alloy coated, in accordance with ASTM specification A792 or A792M as applicable.

MATERIAL FINISHES
ZF75 GALVANNEAL is recommended for installations requiring field painting.

Z275 GALVANIZED or AZM150 Aluminum -Zinc Alloy coatings are recommended for general installations or for higher than normal humidity installations. (Not recommended for field painting)

WeatherX™ is Vicwest’s SMP (Silicone Modified Paint System). Refer to our Colour Combination Chart for available colours.

BARRIER SERIES is a PVC coated steel (available in Interior White only) available in specified coating thicknesses. It is recommended for high humidity and aggressive environment installations. (Barrier Series coated product cannot be perforated for acoustical treatment)

304 STAINLESS is recommended for aggressive environment installations.
# Elements of an Insulated Metal Wall Cladding

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4. Semi-rigid glass fibre insulation  
5. Exterior cladding profile  
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7. Field applied sealants  
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## L-800R™ Liner

<table>
<thead>
<tr>
<th>Steel Materials and Finished Thicknesses</th>
<th>Maximum Recommended Sheet Lengths</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZF75 Galvanneal</td>
<td>Z275 Galvanized</td>
</tr>
<tr>
<td>0.46 mm (.018&quot;)</td>
<td>0.51 mm (.020&quot;)</td>
</tr>
<tr>
<td>0.61 mm (.024&quot;)</td>
<td>0.66 mm (.026&quot;)</td>
</tr>
<tr>
<td>0.76 mm (.030&quot;)</td>
<td>0.81 mm (.032&quot;)</td>
</tr>
<tr>
<td>0.91 mm (.036&quot;)*</td>
<td>0.97 mm (.038&quot;)*</td>
</tr>
<tr>
<td>1.22 mm (.048&quot;)*</td>
<td>1.27 mm (.050&quot;)*</td>
</tr>
<tr>
<td></td>
<td>7620 mm (25'-0&quot;)</td>
</tr>
<tr>
<td></td>
<td>7620 mm (25'-0&quot;)</td>
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<td></td>
<td>7620 mm (25'-0&quot;)</td>
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</tbody>
</table>

### Notes:

1. The L-800R Liner is secured to the structural supports with a notched metal Z-Bar and sheet metal screws.
2. A major advantage of an insulated metal wall cladding installation is the ability to enclose the structure with the L-800R Liner, allowing work by other trades to proceed on the interior while the rest of the wall system is being installed.
3. Fully enclosing the structure with the L-800R Liner presents some risk of damage to the liner sheet or secondary structural framing from high winds during the construction period.
4. *These thicknesses available in L-800SR only.
5. For more information, consult your local Vicwest office or visit our website at [www.vicwest.com](http://www.vicwest.com)

L-800R™ is a trademark of Vicwest