Qualified Wood I-Joists
With Low Formaldehyde Emissions

Product: Wood I-Joists Qualified for Low Formaldehyde Emissions

1. Basis of the product report:
   - APA Custom Product Specification E-730
   - JAS 0701 Standard for Laminated Veneer Lumber
   - APA Test Reports (see Table 2) and other qualification data

2. Product description:
   Wood I-joists are made with either solid sawn or LVL flanges and OSB webs of various species and classifications in accordance with the in-plant manufacturing standard approved by APA. Wood I-joists are available in a variety of depths and sizes.

3. Formaldehyde emission level:
   The G-5 rating is a formaldehyde emission level as defined in Table 1. Wood I-Joists have been qualified for low formaldehyde emissions following the principles of ISO 12460-4 and AS/NZS 4357.4, and the performance requirements of ASTM D5055. Wood I-joists meeting the formaldehyde emission level specified in Table 1 in accordance with the APA Custom Product Specification E-730 are listed in Table 2.

4. Limitations:
   a) Wood I-joists shall be designed and installed in accordance with the applicable provisions of the code and the recommendations provided by the manufacturers and APA Design/Construction Guide: Engineered Wood Construction Guide, Form E30 (www.apawood.org/resource-library).
   b) Wood I-joists are limited to dry service conditions that result in the average equilibrium moisture content of sawn lumber of less than 16%.
   c) Wood I-joists are produced by the manufacturing facilities shown in Table 2 under a quality assurance program audited by APA in accordance with the APA Custom Product Specification E-730.
   d) This report is subject to re-examination in one year.
5. Identification:
Wood I-joists are identified by a label bearing the manufacturer’s name and/or trademark, the APA assigned plant number, the I-joist series and depth, the APA logo, the product report number PR-E730, and the formaldehyde emission rating G-5.

Table 2. Qualified Manufacturing Facilities for Low Formaldehyde Emission

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Location</th>
<th>Applicable Joist Series(a)</th>
<th>Mill Number</th>
<th>APA Test Report(b)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2) White City, OR</td>
<td></td>
<td>2) 1109</td>
<td></td>
</tr>
<tr>
<td>Eacom Timber Corporation</td>
<td>Sault Ste. Marie, ON</td>
<td>PJI 40, PJI 60, PJI 80, and PJI 90</td>
<td>1058</td>
<td>T2011Q-17</td>
</tr>
<tr>
<td>Nordic Structures</td>
<td>Chibougamau, QC</td>
<td>NI 20, NI 40, NI 40x, NI 60, NI 70, NI 80, NI 80x, NI 90, and NI 90x</td>
<td>1052</td>
<td>T2013Q-11</td>
</tr>
</tbody>
</table>
Table 2. Qualified Manufacturing Facilities for Low Formaldehyde Emission (Continued)

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Location</th>
<th>Applicable Joist Series (a)</th>
<th>Mill Number</th>
<th>APA Test Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWT</td>
<td>Burlington, WA</td>
<td>PWI 20, PWI 30, PWI 40, PWI 45, PWI 47, PWI 50, PWI 60, PWI 70, PWI 77, PWI 77w, PWI 90, SJ 40, SJ 44, SJ 51, SJ 58, SJ 70, SJ 70WEB29, SJ 90, SJ 95, SJ 40 H2S, SJ 44 H2S, SJ 51 H2S, SJ 70 H2S, SJ 70WEB29 H2S, SJ 90 H2S, and SJ 95 H2S</td>
<td>1048</td>
<td>T2010Q-09</td>
</tr>
<tr>
<td>PWT</td>
<td>Red Bluff, CA</td>
<td>LPI 18, LPI 18FB, LPI 20Plus, LPI 20FB, LPI 32Plus, LPI 42Plus, LPI 42FB, LPI 52Plus, LPI 36, LPI 56, LPI 450, LPI 530, LPI 53, LPI 70</td>
<td>1069</td>
<td>T2020P-10</td>
</tr>
<tr>
<td>Resolute</td>
<td>Larouche, QC</td>
<td>LPI 18, LPI 18FB, LPI 20Plus, LPI 20FB, LPI 32Plus, LPI 42Plus, LPI 42FB, LPI 52Plus, LPI 36, LPI 56, LPI 450, LPI 530, LPI 53, LPI 70</td>
<td>1068</td>
<td>T2020P-10</td>
</tr>
<tr>
<td>Roseburg</td>
<td>Riddle, OR</td>
<td>RFPI 20, RFPI 40, RFPI 400, RFPI 70, RFPI 90, RFPI 700, and RFPI 900</td>
<td>1053</td>
<td>T2012Q-43</td>
</tr>
</tbody>
</table>

(a) I-joist series listed in this table are recognized in an APA Product Report or ICC-ES evaluation report, or are available from the manufacturer.

(b) Reports for the required periodic confirmation tests are not listed.
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**APA – THE ENGINEERED WOOD ASSOCIATION**

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