CERTIGRADE®
Red Cedar Shingles

This type of smooth sawn architecturally uniform cedar shingle is preferred for its natural and tailored appearance and is used on traditional and modern residential and non-residential structures. For use on roofs and sidewalks.

Beautiful - Durable - Insulative - Wind Resistant - Thermal Shock Resistant - Impact Resistant - Light Weight
CERTIGRADE®
Red Cedar Shingles

NUMBER 1 GRADE, BLUE LABEL®
Description—Lengths 16-inch (Fivex), 18-inch (Perfection), 24-inch (Royal); width 4" minimum, 14" maximum on 24-inch and 3" on 16-inch and 18-inch; thickness of 16-inch is 5/2" (5 butts together measures 2" thick), 18-inch is 5/2 1/4 thick, 24-inch is 4 1/2" thick. Clear heartwood; 100% edge grain; no defects.
Recommended Use—For walls and roofs on 3:12 pitch and steeper where a premium quality product is desired.

NUMBER 2 GRADE, RED LABEL
Description—Lengths 16-inch, 18-inch, 24-inch; thickness of 16-inch is 5/2", 18-inch is 5/2 1/4", 24-inch is a 4 1/2"; width 4" minimum, 14" maximum. Face must be 10", 11", and 16" clear or better on 16-inch, 18-inch and 24-inch shingles, respectively. Limited sapwood and flat grain are allowed. Limited knots and defects are allowed above the clear portion.
Recommended Use—For walls and roofs on 3:12 pitch and steeper where a good quality product is desired.

NUMBER 3 GRADE, BLACK LABEL
Description—Lengths 16-inch, 18-inch, 24-inch; thickness of 16-inch is 5/2", 18-inch is 5/2 1/4", 24-inch is a 4 1/2"; width 3" minimum, 14" maximum on 18-inch and 24-inch, 2 1/2" minimum on 16-inch. Face must be 6" clear on 16-inch and 18-inch, 10" clear on 24-inch. Unlimited sapwood and flat grain allowed. Limited knots and defects above clear portion.
Recommended Use—For walls and roofs on 3:12 pitch and steeper where an economy product is acceptable.

UNDERCOURSING GRADE
Description—Lengths 16-inch, 18-inch, thickness 5/2", and 5 1/2", respectively; width 2 1/2" minimum, 17" maximum. Unlimited defects, flat grain and sapwood.
Recommended Use—A utility grade for undercoursing of double coursed sidewalls only. Not a roofing material and not to be used as a starter course for roofs.

SPECIAL UNDERCOURSING
Same grade requirements as undercoursing grade, except each bundle also contains the machine production of No. 3 grade shingles.

Roof Exposure Table

<table>
<thead>
<tr>
<th>PITCH</th>
<th>Maximum exposure recommended for roofs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Length</td>
</tr>
<tr>
<td>No. 1 Blue Label</td>
<td>No. 2 Red Label</td>
</tr>
<tr>
<td>16&quot;</td>
<td>18&quot;</td>
</tr>
<tr>
<td>3/12 to 4/12</td>
<td>3 1/4</td>
</tr>
<tr>
<td>4/12 and steeper</td>
<td>5</td>
</tr>
</tbody>
</table>

Wall Exposure Table (Number One Grade)

<table>
<thead>
<tr>
<th>Max. Weather Exposure</th>
<th>Double Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shingle</td>
<td>Single Course</td>
</tr>
<tr>
<td>Length</td>
<td>19&quot;</td>
</tr>
<tr>
<td>Course</td>
<td>9&quot;</td>
</tr>
<tr>
<td>24&quot;</td>
<td>10&quot;</td>
</tr>
</tbody>
</table>

#Maximum exposure for #2 grade is 9".
#Maximum exposure for #2 grade is 10".

- Class B & C fire rating may be obtained by specifying Certi-Guard permanent fire retardant CertiGrafe shingles.
- Certi-Guard treated shingles are available for added longevity. Contact the treatment company for treatment warranty information, accessory product requirements (including recommended fastener types) and application details for treated cedar material.
- Products are manufactured by members of the Cedar Shake & Shingle Bureau and are graded in accordance with UBC Standard No. 15-4 and/or CSA O18.3.
- This is only a product description sheet necessary for selection of materials and grades. For a new roof construction manual and/or wall manual please contact:

Cedar Shake & Shingle Bureau
Us Address
P.O. Box 1178
Sumas, WA 98295 - 1178
Tel: (604) 820-7700
Fax: (604) 820-0266
www.cedarbureau.org

Canadian Address
#2 - 7101 Home Street
Mission, B.C. V2V 7A2
© 05/06 Printed in Canada