

This information has been designed to aid architects, consultants and builders in specifying Certi-label® shakes and shingles. It suggests a standardized terminology and style for ordering in the hope of improving accuracy. It incorporates a general outline of the latest application information. Please note, however, that this is a specification guide only. **The information in this manual is not intended to supersede local building codes.** Refer to local building codes for more information.

General Specification Data

1. The contractor shall cover all roof surfaces with (specify one type of the following product) Certi-Split® shakes/Certi-Sawn® shakes/Certigrade® shingles bearing the Cedar Shake & Shingle Bureau®'s official grade marked label.
2. Shakes/shingles for roofs shall be (specify grade and length).
3. Shakes/shingles for outer courses shall be (specify grade and length).
4. Shakes/shingles for undercourses shall be (specify grade and length).
5. Roof shakes/shingles shall be laid with a weather exposure of (specify in inches).

Roof Application-Sheathing Boards

6. Certi-Split® shakes/Certi-Sawn® shakes shall be applied over solid sheathing. A solid deck is recommended in seismic activity, hurricane and tornado regions and in areas where wind-driven snow is encountered and under pressure-impregnated treated shakes and shingles. Please note that the only solid sheet sheathing tested with Certi-label® shakes and shingles is plywood. Check with your local building code official for plywood thickness/dimensions. Certi-Split® shakes/Certi-Sawn® shakes/Certigrade® shingles may also be applied over spaced sheathing.
7. All open sheathing shall be 1 x 4 or 1 x 6 boards (minimum 1 x 4 for both shakes and shingles).
8. All solid sheathing shall be lumber or structural panels applied according to specifications of the American Plywood Association. Please note: the only solid sheet sheathing tested with shakes and shingles is plywood. Check with your local building official for plywood thickness/dimensions.

Roofing Felt Interlay (for shakes only)

9. Contractor shall apply a 36" wide strip of No. 30 ASTM D226 Type II or No. 30 ASTM D4869 Type IV organic roofing felt at the eave line. An 18" wide strip of No. 30 ASTM D226 Type II or No. 30 ASTM D4869 Type IV organic roofing felt shall be applied over the top portion of the Certi-label® shakes and extend onto the sheathing. Bottom edge of felt shall be positioned at a distance above the butt equal to twice the weather exposure.



NOTE:

Felt interlay between courses is not necessary when straight-split or taper-split shakes are applied in snow-free areas at weather exposures of less than one-third the total shake length (3-ply roof). Contact the Cedar Shake & Shingle Bureau® for more information or visit www.cedarbureau.org.

Roofing General Application Data

10. Certi-label® shakes/shingles shall be at least doubled at all eaves.
11. Butts of the Certi-label® shakes/shingles in the first course on roofs shall project 1 1/2" from the edge of roof eaves to insure proper spill into gutters and approximately 1" at gable and rake edge.
12. Certigrade® shingles shall be spaced apart not less than 1/4", not more than 3/8".
13. Certi-Split® or Certi-Sawn® shakes shall be spaced apart not less than 3/8", not more than 5/8".
14. Premium and Number 1 Grade Certi-label® shakes/shingles shall be applied with the weather exposures consistent with the following tables:

Maximum Weather Exposure		
Shingle Length	3:12 to 4:12 Roof Slope	4:12 and Steeper
16"	3 ¾"	5"
18"	4 ¼"	5 ½"
24"	5 ¾"	7 ½"
Shake Length and Exposure		
18"	7 ½"	
24"	10"	
NOTE: exception for resawn shakes: 24" x 3/8" shake = 7 1/2"		

15. Chimney flashing shall extend up the chimney to a height not less than 3", up the roof slope to a point equal in height to the flashing on the chimney but never less than 1 1/2 times the Certi-label® shake/shingle exposure. (All metal flashings should be painted.) Manufactured step-flashing:
5" x 7" shingle = 2 1/2" wall, 2 1/2" roof
8" x 12" shakes = 4" wall, 4" roof

Step flashing shall be a minimum height of 3", however greater heights are often required. Check with local building code and local Fire Marshall officials for step flashing height.
16. Apron counter flashing shall extend to within 1" of the surface of the finished roof.
17. Where saddles or crickets are formed in back of chimneys, curves or similar vertical surfaces, they shall be carried not less than 10" under the Certi-label® shakes/shingles.
18. Step flashing shall be used where vertical surfaces occur in connection with slopes. They shall be formed of separate pieces. Flashing shall extend horizontally not less than 3" and up the vertical wall so that they shall be lapped by the counter flashing not less than 4". It shall be installed in step fashion and each piece shall lap not less than 3" (one flashing installed on each course concealed under the covering course). If other than masonry is used the flashing shall extend up the wall not less than 3" behind the sheathing paper.