

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 Cert-label shakes & shingles is plywood. Check with your local building 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 minimum Type 30 ASTM Designation 226 (ASTM D 226) or ASTM Designation 4869 (ASTM D 4869) roofing felt at the eave line. An 18" wide strip of Type 30 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). More information regarding 3 Ply Tapersawn shake application is available in the Technical Bulletin "3-Ply Application". Contact the CSSB for more information or visit www.cedarbureau.org

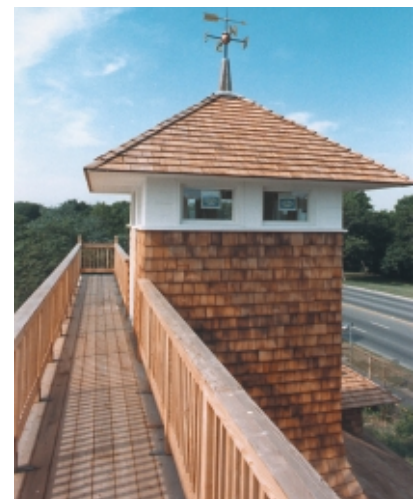
Roofing General Application Data

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 3/4"	5"
18"	4 1/4"	5 1/2"
24"	5 3/4"	7 1/2"
Shake length and exposure		
18 "	7 1/2"	
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
16. Apron counter flashing shall extend to within 1" of the surface of the finished roof.



Architect: Bill Latoza, Photo: Bill Latoza