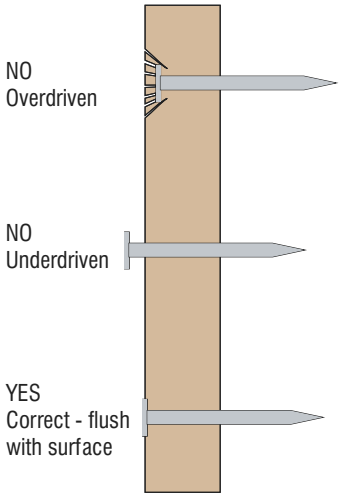


Figure 4: Nail Driving Detail

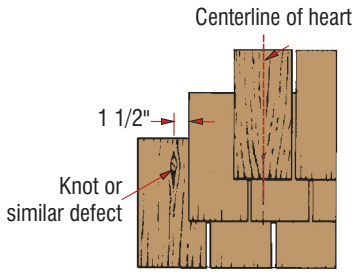


Figure 5: Course Alignment

Nails

Each Certi-label Western Cedar shingle or shake should be applied with two corrosion-resistant fasteners, such as stainless steel (type 304 or 316), hot-dipped zinc coated, or aluminum nails or other fastener as accepted by your local building official. Minimum nail lengths are shown in the fastener chart below. In double course applications, the exposed Certi-label Western Cedar shingle or shake shall be face-nailed with two hot-dipped galvanized or stainless steel casing nails, driven 2" above the butt line, and 3/4" from each edge. Certi-label Western Cedar shingles wider than 10" require 2 additional nails and these two nails are driven approximately 1" apart near the center of the shingle.

Staples

Staples should be aluminum or stainless steel (type 304 or 316) 16 gauge or other fastener as accepted by your local building official. Two staples should be driven per Certi-label Western Cedar shingle or shake with the staple crowns 7/16" minimum horizontal, maximum 3/4" horizontal, to the Certi-label Western Cedar shingle or shake butt. Staples are driven in the same location as nails relative to the sides and overlapping butt line. Certi-label Western Cedar shingles wider than 10" require 2 additional staples and these two staples are driven approximately 1" apart near the center of the shingle.

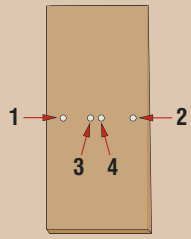
Fasteners should be long enough to penetrate into the sheathing at least 3/4" or all the way through and driven flush with the surface of the Certi-label Western Cedar shingle or shake. In all applications, staples shall be concealed by the course above. Fasteners cannot be electro-galvanized as they will cause staining. **Nails are preferred, for aesthetic reasons, in sidewall applications using exposed fasteners.**

Important Notes:

Underdriving or overdriving any fastener will affect the integrity of the Certi-label Western Cedar sidewall system.

Certi-Guard (fire-retardant-treated) or Certi-Last (preservative-treated) Western Cedar shingles and shakes:
ALWAYS ask the treatment company which fasteners are recommended for use with their pressure-treated Certi-label Western Cedar shingles and shakes. Some fasteners are not compatible with treated material.

The information on this page is not meant for use with sidewall panel applications. Please contact the manufacturer for specific panel fastener details.



Wide Shingle Fastener Detail

Single Course Sidewall Fasteners

Product Type	Nail Type & Minimum Length
Certigrade, R&R and Sanded Shingles	**Type (in)**
16" and 18" Shingles	3d Box 1 1/4
24" Shingles	4d Box 1 1/2
Certigroove Shingles	**Type (in)**
16" and 18" Shingles	3d Box 1 1/4
24" Shingles	4d Box 1 1/2
Certi-Split & Certi-Sawn Shakes	**Type (in)**
18" Straight-Split Shakes	5d Box 1 3/4
18" and 24" Handsplit Shakes	6d Box 2
24" Tapersplit Shakes	5d Box 1 3/4
18" and 24" Tapersawn Shakes	6d Box 2

Double Course Sidewall Fasteners

Product Type	Nail Type & Minimum Length
Certigrade, R&R and Sanded Shingles	**Type (in)**
16", 18" and 24" Shingles	5d Box 1 3/4 or same size casing nails
Certigroove Shingles	**Type (in)**
16", 18" and 24" Shingles	5d Box 1 3/4
Certi-Split & Certi-Sawn Shakes	**Type (in)**
18" Straight-Split Shakes	7d Box 2 1/4 or 8d 2 1/2
18" and 24" Handsplit Shakes	7d Box 2 1/4 or 8d 2 1/2
24" Tapersplit Shakes	7d Box 2 1/4 or 8d 2 1/2
18" and 24" Tapersawn Shakes	7d Box 2 1/4 or 8d 2 1/2