

Figure 4:
Nail Driving Detail

****Note: some nail manufacturers offer nails specifically for wood shake or shingle sidewall application. Contact the nail manufacturer for further information to ensure the fasteners used comply with listed requirements and are correct for your application.**

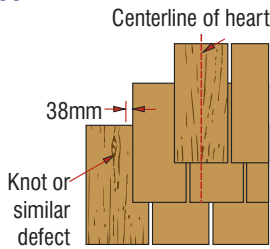


Figure 5:
Course Alignment

Nails

Each Certi-label™ Western Cedar shingle or shake should be applied with two fasteners. Nails **must be** stainless steel **Type 316** in locations within 24.14 km of salt water (ref. Stainless Steel Industry of North America-Washington DC, www.ssina.com). For locations outside the salt water zone - nails **must be** stainless steel **Type 304**, **Type 316**, or hot-dipped zinc coated galvanized conforming to a coating weight of ASTM A 153 Class D (28 grams/0.09m²). Stainless steel nails, although more expensive, offer the highest degree of corrosion resistance. Contact the nail manufacturer for further information to ensure the nails used comply with listed requirements and are correct for your application. 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 nails (as above), driven 51mm above the butt line, and 25mm from each edge.

Certi-label™ Western Cedar shingles wider than 254mm require 2 additional nails and these two nails are driven approximately 25mm apart near the center of the shingle.

Staples

If you choose to use staples they **must be** stainless steel **Type 316** in locations within 24.14 km of salt water. For locations outside of the salt water zone - stainless steel staples **Type 304** or **Type 316 must be** used.

Two staples should be driven per Certi-label™ Western Cedar shingle or shake with the staple crowns 11mm minimum horizontal, maximum 19mm 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 254mm require 2 additional staples and these two staples are driven approximately 25mm apart near the center of the shingle.

Fasteners should be long enough to penetrate into the sheathing at least 19mm 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.

DO NOT USE ELECTRO-GALVANIZED (EG) FASTENERS. Ensure the fasteners used comply with listed requirements. Nails are preferred, for aesthetic reasons, in sidewall application using exposed fasteners.

Important Notes:

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

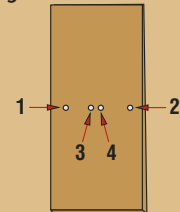
Pressure Impregnated Treated Shakes and Shingles

Fasteners used with fire-retardant (Certi-Guard®) or preservative treated (Certi-Last®) Western Cedar shakes or shingles **must be** stainless steel **Type 316**. For specifics on installation, accessory building materials (flashing, etc.) finishes and maintenance please contact the treatment company directly:

www.cedarbureau.org/purchasing/treaters.asp

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

The information above is not intended to supersede local building codes.



Wide Shingle Fastener Detail

Single Course Sidewall Fasteners	
Product Type	Nail Type & Minimum Length
Certigrade, R&R and Sanded Shingles	Type (in)
406mm and 457mm Shingles	3d Box 32mm
610mm Shingles	4d Box 38mm
Certigroove Shingles	Type (in)
406mm and 457mm Shingles	3d Box 32mm
610mm Shingles	4d Box 38mm
Certi-Split & Certi-Sawn Shakes	Type (in)
457mm Straight-Split Shakes	5d Box 45mm
457mm and 610mm Handsplit Shakes	6d Box 51mm
610mm Tapersplit Shakes	5d Box 45mm
457mm and 610mm Tapersawn Shakes	6d Box 51mm

Double Course Sidewall Fasteners	
Product Type	Nail Type & Minimum Length
Certigrade, R&R and Sanded Shingles	Type (in)
406mm and 457mm Shingles	5d Box 45mm or same size casing nails
Certigroove Shingles	Type (in)
406mm, 457mm and 610mm Shingles	5d Box 45mm
Certi-Split & Certi-Sawn Shakes	Type (in)
457mm Straight-Split Shakes	7d Box 57mm or 8d 64mm
457mm and 610mm Handsplit Shakes	7d Box 57mm or 8d 64mm
610mm Tapersplit Shakes	7d Box 57mm or 8d 64mm
457mm and 610mm Tapersawn Shakes	7d Box 57mm or 8d 64mm