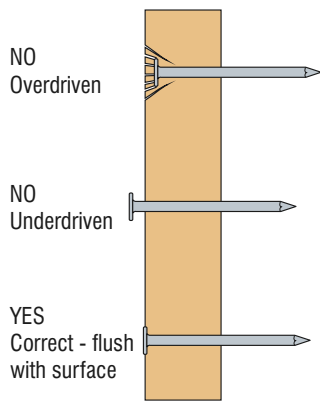


## Nails



**Figure 4:**  
Nail Driving Detail

Each Certi-label Western Cedar shingle or shake shall 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, D.C. [www.ssina.com](http://www.ssina.com)). For locations outside the salt water zone – nails **must be** Type 304 or 316 stainless steel, or hot-dipped zinc coated galvanized conforming to minimum standard ASTM A 153 Class D (28 grams/0.09m<sup>2</sup>) or better. Stainless steel nails although more expensive, offer the highest degree of corrosion resistance. Contact the nail manufacturer for further information to ensure the nail used is 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 hot-dipped galvanized or stainless steel casing nails, driven 51mm above the butt line, and 19mm from each edge.

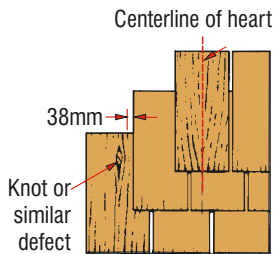
Certi-label Western Cedar shingles wider than 254mm require 2 additional nails and these two nails are driven approximately 25mm apart near the center of the shingle.

## Staples

If you choose to use staples they **must be** stainless steel Type 316 in locations within fifteen (24) km of salt water. (Ref. Stainless Steel Industry of North America-Washington, D.C. , [www.ssina.com](http://www.ssina.com)). For locations outside the of the salt water zone –stainless steel staples Type 304 or 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. **Fasteners cannot be electro-galvanized. Nails are preferred, for aesthetic reasons, in sidewall applications using exposed fasteners.**



**Figure 5:**  
Course Alignment

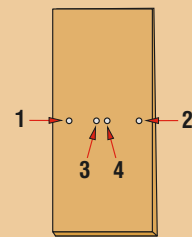
## Important Notes:

**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
<b>Certigrade, R&amp;R and Sanded Shingles</b>	<b>Type (in)</b>
406mm and 457mm Shingles	3d Box 32mm
610mm Shingles	4d Box 38mm
<b>Certigroove Shingles</b>	<b>Type (in)</b>
406mm and 457mm Shingles	3d Box 32mm
610mm Shingles	4d Box 38mm
<b>Certi-Split &amp; Certi-Sawn Shakes</b>	<b>Type (in)</b>
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
<b>Certigrade, R&amp;R and Sanded Shingles</b>	<b>Type (in)</b>
406mm and 457mm Shingles	5d Box 45mm or same size casing nails
<b>Certigroove Shingles</b>	<b>Type (in)</b>
406mm, 457mm and 610mm Shingles	5d Box 45mm
<b>Certi-Split &amp; Certi-Sawn Shakes</b>	<b>Type (in)</b>
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