

Western Red Cedar Fencing Specifications: Defects or Limiting Characteristics

Grades	Checks	Pin Holes	Shake	Skips	Splits	Knots	Spike Knots	Wane	Unsound Wood	White Speck Honeycomb	Holes	Sis Thickness	Rough Sawn Thickness	Rough Sawn Width	Length
CLEAR	Surface Checks	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	1/16" over or under net invoiced thickness.	1/16" over or under invoiced thickness.	A variation along the length of the piece 1/8" from max. to min. not to exceed 20% of the pieces.	± 1/16", square end of pieces.
PREMIUM (both faces) (#1-2 Faces)	Surface Checks	Scattered	Fine	Hit and miss	Short	Sound and tight. Approximately 1/3 face width.	Approximately 1/2 face width or equivalent.	Not Allowed	Not Allowed	Not Allowed	Not Allowed	1/16" over or under net invoiced thickness.	1/16" over or under invoiced thickness.	A variation along the length of the piece 1/8" from max. to min. not to exceed 20% of the pieces.	± 1/16", square end of pieces.
SELECT (one face) (# 1-1 face) (back face can be one grade lower)	Surface Checks	Scattered	Fine	Hit and miss	Short	Sound and tight. Approximately 1/3 face width.	Approximately 1/2 face width or equivalent.	Not Allowed on Face	Not Allowed	Not Allowed	Not Allowed	1/16" over or under net invoiced thickness.	1/16" over or under invoiced thickness.	A variation along the length of the piece 1/8" from max. to min. not to exceed 20% of the pieces.	± 1/16", square end of pieces.
STANDARD/Better #2 NH NPS Exceptions: No holes, no prior selection for better grades	Surface Checks	Scattered	Fine	Hit and miss	Medium	Sound and tight. Approximately 1/2 face width. Not firmly fixed or unsound, approximately 1/3 face width.	Approximately 3/4 face width or equivalent.	1/2 the thickness, 1/3 the width, with short knife edge in occasional pieces.	Small spots or equivalent streaks.	White speck not limited. Honeycomb firm, 1/3 face width.	Not Allowed	1/16" over or under net invoiced thickness.	1/16" over or under invoiced thickness.	A variation along the length of the piece 1/8" from max. to min. shall be permitted.	± 1/16", square end of pieces.
STANDARD #2 NH Exceptions: No holes	Surface Checks	Scattered	Fine	Hit and miss	Medium	Sound and tight. Approximately 1/2 face width. Not firmly fixed or unsound, approximately 1/3 face width.	Approximately 3/4 face width or equivalent.	1/2 the thickness, 1/3 the width, with short knife edge in occasional pieces.	Small spots or equivalent streaks.	White speck not limited. Honeycomb firm, 1/3 face width.	Not Allowed	1/16" over or under net invoiced thickness.	1/16" over or under invoiced thickness.	A variation along the length of the piece 1/8" from max. to min. shall be permitted.	± 1/16", square end of pieces.
QUALITY Actual	Surface Checks	Scattered	Fine	Hit and miss	Medium	Sound and tight. Approximately 1/2 face width. Not firmly fixed or unsound, approximately 1/3 face width.	Approximately 3/4 face width or equivalent.	1/2 the thickness, 1/3 the width, with short knife edge in occasional pieces.	Small spots or equivalent streaks.	White speck not limited. Honeycomb firm, 1/3 face width.	Maximum 1" 2 per 6', grub or teredo-equivalent or smaller in not more than 50% of the pieces.	1/16" over or under net invoiced thickness.	1/16" over or under invoiced thickness.	A variation along the length of the piece 1/8" from max. to min. shall be permitted.	± 1/16", square end of pieces.
RUSTIC (#3 Fence Board)	Medium Checks	Limited as holes	As per agreement between buyer and seller.		As per agreement between buyer and seller.	As per agreement between buyer and seller.	As per agreement between buyer and seller.	As per agreement between buyer and seller.	As per agreement between buyer and seller.	As per agreement between buyer and seller.	As per agreement between buyer and seller.	3/16" over or under net invoiced thickness.	1/4" over or under invoiced thickness.	A variation along the length of the piece of 1/2".	± 1/16", square end of pieces.
Lumber of this grade is suitable for low grade fencing and permits all characteristics which do not interfere with use of piece.															

Notes: Grades are determined from the best face. The reverse side may have characteristics approximately one grade lower than face (book grade lower than face; book grade, stated as para).

Grade is determined by the number, size, type and position of knots, shake, wane and other visible characteristics. Each piece is considered and its grade determined by its general character, the sum of all its characteristics, and with reference to its suitability for the use for which the grade was designed.

Pin hole – not over 1/16" in diameter.

Shake – lengthwise separation of the wood which usually occurs between or through the rings of annual growth.

Fine – not over 1/32" wide.

Occasional Pieces – means not more than 10% of the pieces in a parcel or shipment.

Splits – very short is equal to 1/2 the width of piece. Short is equal in length to the width of the piece and in no case exceeds 1/6 the length.

Unsound Knot contains decay.

A "firm" knot is solid across its face but contains incipient decay.

Large knot is over 1-1/2".

Para 2-b. The inspection of lumber is the visual analysis, with regard to end-use, of each piece. As a result, a reasonable difference of opinion between inspectors is recognized. A parcel or shipment is considered on grade if on reinspection ninety-five percent (95%) or more is found to be of the grade specified. In mixed parcels or shipments each grade and kind is considered separately.

The grade of lumber, as determined by the inspector, applies to the size, form, condition or degree of seasoning at time of original inspection; any subsequent change in the lumber must be disregarded in determining the accuracy of the original grade.