

Western Red Cedar: North West USA/Canada Specification Sheet



Western Red Cedar

<u>Other Name(s):</u>	Cedar
<u>Scientific Name:</u>	Thuja plicata
<u>Distribution:</u>	Pacific Northwest USA/Canada
<u>Average Dried Weight:</u>	370 kg/M3
<u>Durability:</u>	Durable
<u>Janka Hardness:</u>	(1.56 kN)
<u>Modulus of Rupture/Bending Strength</u>	(51.7 MPa)
<u>Modulus of Elasticity/ stiffness:</u>	(7.66 GPa)
<u>Crushing Strength:</u>	(31.4 MPa)

Seasoning:

Smaller sizes dry easily, larger boards need extra care to prevent Internal checking and collapse.
Almost no tendencies to warp and check once dry with little swelling or shrinking movement.

Characteristics:

A light timber with a distinctive odour, it is non-resinous and straight grained, with obvious growth rings.
Assumes a uniform reddish-brown colour once dried.
After long exposure wood becomes silver grey, this weathered look is often sought after.

Working Qualities:

The timber is easily worked, but its brittle nature can cause splintering and its soft character can lead to chip-bruising.
Care should be taken when planning and moulding.
Sharp cutters will also help create a nice finish.
Stains and paints well.

Uses:

Interior panelling, fine furniture, interior and exterior joinery, weatherboards and cladding.

Product Attributes:

Available in fixed widths.
Veneers available.
Stains and paints well.
Long lengths available.