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Canadian Western Red Cedar Fact Sheet

A tree of the northern Rocky Mountains and Pacific North-west; the sapwood is narrow and white in colour, with the heartwood reddish-brown. When freshly felled, the heartwood often displays a marked variation in colour; that from the centre of the log may be a dark chocolate-brown changing to salmon pink nearer the sapwood, or the wood may be variegated with alternate dark and light zones.

The wood is non-resinous, straight- grained, somewhat coarse- textured and exhibits a prominent growth-ring figure It is soft, rather brittle, aromatic, especially when wet and light in weight.

Grades available:
2 Clear Only (No lower grades) – Air Dried (A/D) or Kiln Dried (K/D)
2 Clear with 15% 4 clear – Air Dried (A/D) or Kiln Dried (K/D)

Sustainability: PEFC Certified

Durability (BS EN 335): Class 2

Movement: Low Moisture Movement

Density: 390kg/m3 @ approx. 16% M/C

Typical Lengths: 1.53m – 6.1m (in *305mm increments*)

Section sizes: Ex 22, 32, 50, 75mm x 22, 50, 75, 100, 125, 150, 175mm

Stability: Very low shrinkage factor, superior to all other coniferous woods in its resistance to warping, twisting and checking

Coating: Receives coatings and stains well, very stable timber which helps the long term performance of the coating system

Natural Fire Rating: Class D-s2, d0. In accordance with the SBI (single burning item)

Fire Treatment: Can achieve EuroClass B-s1,d0 with Burnblock pressure impregnated fire treatment as an additional process if required (minimum thickness 15mm)

Weathering:

Left uncoated, upon exposure to UV light the original colour begins to fade, and the wood becomes silver-grey. This weathered appearance is sometimes purposely sought by architects/ clients who want the softer, weathered tones of the board.
Fixing: Stainless Steel fixings are always recommended.