



Description

Western red cedar is favoured for its rich and inviting earthy tones. The true beauty of this durable softwood is most evident when used for appearance based applications such as external cladding and windows. The heartwood ranges from a pale brown or honey colour through to a richer dark brown, with older growth timber somewhat darker in appearance. The sapwood is a paler yellowish white colour. It has a fine texture and straight grain with growth rings often visible.

Botanical Name

Thuja plicata

Origin of Timber

USA

BAL

Not Tested

Suitability

- Doors
- Cladding
- Windows
- Fencing
- Joinery

Technical Information

| | |
|---------------------------|-----------------------|
| Tangential Shrinkage | 3.0% |
| Radial Shrinkage | 0-2% |
| Unit Movement | 0.15% |
| Density per Standard | 350 kg/m ³ |
| Modulus of Rupture | 54 MPa |
| Modulus of Elasticity | 8.3 GPa |
| Maximum Crushing Strength | 34 MPa |
| Impact | 5.5 joules (J) |
| Toughness | Low – up to 15Nm |
| Hardness | 1.5 kN |