

Western Red Cedar

Cladding & Trim



SILVA 
TIMBER PRODUCTS

Western Red Cedar Cladding & Trim

The most comprehensive range of Western Red Cedar cladding & trim in the UK. When it comes to cedar, Silva have it covered.

Whether you're looking for the highest grade of Western Red Cedar for a prestigious application or an attractive solution on a tight budget, Silva Timber are your point of call for all cedar cladding and trim requirements.

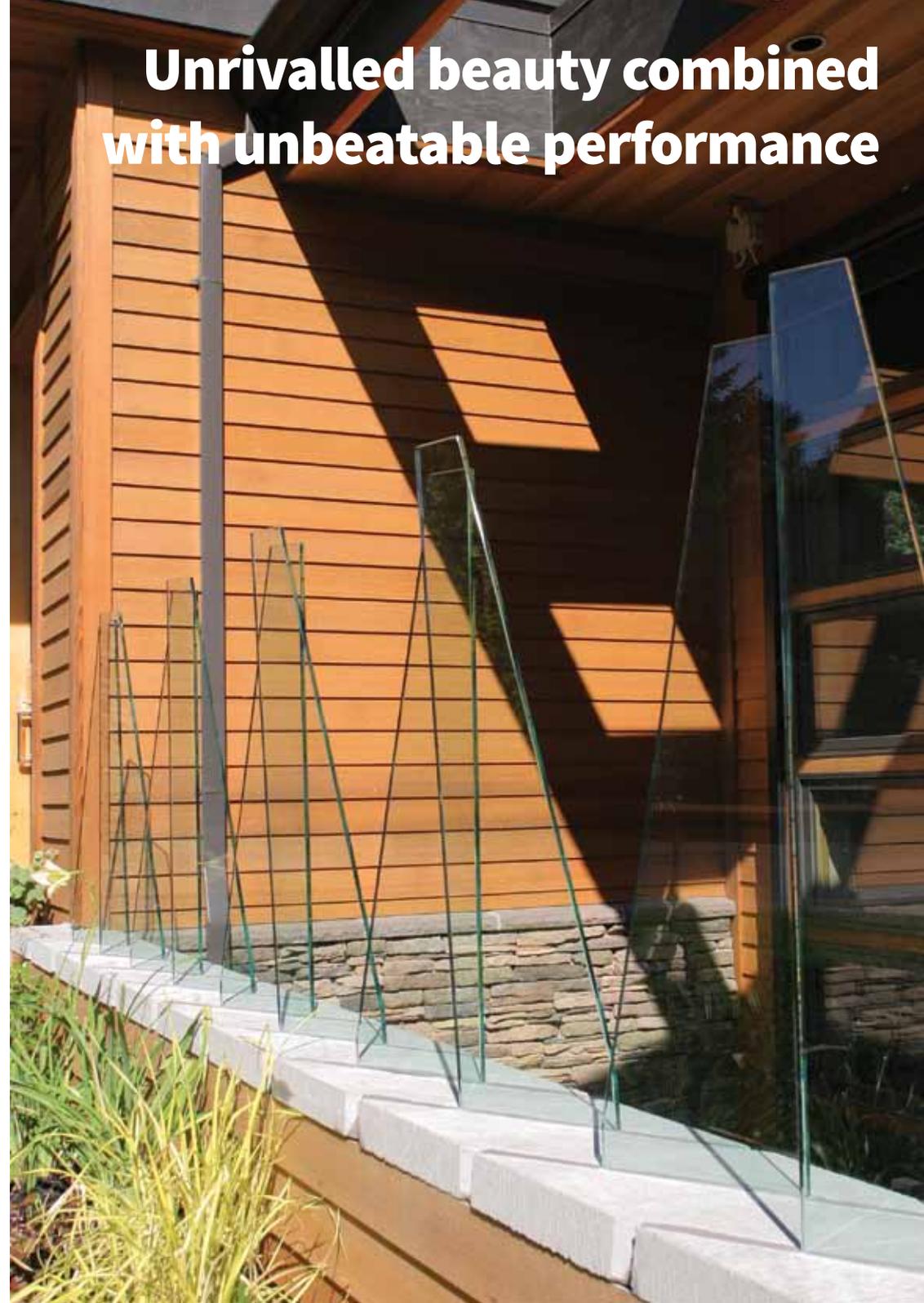
As Western Red Cedar specialists, Silva are committed to providing timber products sourced from leading primary sawmills. Our suppliers in British Columbia, Canada, produce consistently high quality Western Red Cedar that exceeds NLGA & R-List grading rules. Silva Timber go the extra mile, offering custom machined profiles, fire retardant treatment and factory pre-finishing, along with our exemplary customer service and advice.

Five reasons why you can rely on Western Red Cedar from Silva Timber:

- ✓ Produced by primary sawmills for consistency
- ✓ Coastal grown for rich colour and tight grain
- ✓ Kiln dried at source for optimal stability
- ✓ Exceeds grading rules
- ✓ PEFC™ Certified



Unrivalled beauty combined with unbeatable performance



Why choose Western Red Cedar?

When compared to other cladding & trim materials, Western Red Cedar makes perfect sense. As a plentiful and renewable resource, Western Red Cedar offers a sustainable solution combining longevity, unrivalled natural attributes and a beautiful appearance.

Highly durable, naturally resistant to decay, dimensionally stable, light in weight and easy to work with, Western Red Cedar is a truly wonderful material and has long been the choice for discerning architects, builders and homeowners.

Beautiful appearance

- Natural beauty and warmth that cannot be replicated by cement fibre, plastic, metal or composite products
- A pleasing palette of natural hues, fine grain and soft textures

Dimensional stability

- Low shrinkage factor
- Resistant to warping, twisting and checking
- The most stable softwood species commercially available

Natural durability

- Naturally occurring compounds called Thujaplicins and water-soluble phenolics act as preservatives
- Finished and maintained, it will deliver decades of trouble free service

Thermal conductivity

- Low density and high proportion of air spaces make it the best thermal insulator among common softwood species
- Superior performance when compared to brick, cement fibre or metal



Grades Available

Clear Vertical Grain Heartwood

The finest quality Western Red Cedar available

A stunning appearance with outstanding properties. Produced from fine grained Western Red Cedar heartwood, providing a consistently flawless product from piece to piece.



Select No.2 Clear & Better

Exceeds grading rules for a reliable, high quality material

Our Select No.2 Clear & Better is of the highest standard and most consistent available. Minimal natural characteristics are permitted, resulting in an exceptional clear grade product.



Select No.4 Clear

Combine with Select No.2 Clear & Better for economical appeal

Offers superb value for clear grade cedar. Occasional knots present which do not detract from overall look. Ordered either on its own or with a percentage of Select No.2 Clear & Better for added value.



Select Tight Knot

Popular cladding material with more natural characteristics

Characterised by the inclusion of well interspersed sound tight (live) knots. A widely used cladding solution at an economical price.



Finger Jointed (A & Better Clear/Clear Vertical Grain)

Recommended for finishing with opaque stains

Made from sections of clear, defect free Western Red Cedar for the performance of solid cedar at a considerably lower price. Available primed for onsite coating or factory pre-finishing.



Case Study - Select No.2 Clear & Better Grade

Silva Timber supplied over 1100m² of Western Red Cedar Cladding for a new Tesco Extra Superstore development. The lead architects used the material extensively on three elevations in order to create a landmark which provides a prominent gateway feature to the location.



When specifying exterior cladding, architects need to consider a number of performance criteria such as durability and stability, along with the resulting aesthetics.

Western Red Cedar Select No.2 Clear & Better grade was the ideal solution for this project.

Sourced from the coastal region of British Columbia, where growing conditions ensure a tighter grain and rich colour compared to forests further in-land, it is an aesthetically appealing material that allows architects and designers to develop eye-catching, cutting edge solutions.

To protect the timber and enhance the appearance of the building, Silva Timber pre-finished the Western Red Cedar with three coats of a semi-transparent water based stain.

Factory pre-finishing ensures the wood is coated on all sides in optimal conditions, as recommended by the Western Red Cedar Lumber Association (WRCLA). Pre-finishing the material keeps its natural, beautiful colour tones for longer and at the same time reduces installation time and labour cost.



Case Study - Select No.4 Clear Grade

Brian Young of Liverpool-based BYA Architects approached Silva Timber for Western Red Cedar cladding in his ambitious plan to design a beautiful house for his family that blends in with the surrounding area.

“Brian visited our warehouse where we worked with him to find the ideal grade of Western Red Cedar. We machined a bespoke profile for Brian and provided him with his desired lengths of boards”, explains Stephen Roberts, Operations Director at Silva, who also visited Brian’s practice and build location to provide consultation and follow up after the build.

“We considered various suppliers but chose Silva Timber as they were willing to go the extra mile”, says Brian. Select No.4 Clear Grade Western Red Cedar was chosen as it was desirable to have a few natural characteristics in the timber. The RIBA judging panel noted how well the timber blends in with the natural surroundings.

“I would have no problem recommending Silva Timber and I regularly mention them to others that are considering using timber cladding”, explained Brian.

The Wolden Haus won the Northern Designs Best House of the Year Award and the RIBA North West Regional Architecture Award.



Sansin Enviro Stain

Sansin SDF is an environmentally-friendly finish specially designed for cladding, decks and fencing. With simple application the unique formula provides a rich and attractive coating that offers lasting protection.

- ✓ Outstanding weather and UV protection
- ✓ Longer periods between maintenance (depending on exposure)
- ✓ Breathable - will not crack, peel or blister
- ✓ Enhances dimensional stability of the wood
- ✓ Environmentally responsible
- ✓ Low in Volatile Organic Compounds (VOCs)
- ✓ Can be applied to damp wood
- ✓ Simple and quick application



Sansin Pre-finishing

Silva Timber can apply Sansin SDF to all grades of Western Red Cedar cladding using our factory pre-finishing service.

Protect Western Red Cedar from the outset. Pre-finishing reduces time and onsite labour costs by allowing cladding to be installed immediately, regardless of the weather.

With over 80 standard colour tones available, Sansin provides a colour to suit any project. Alternatively, our custom mixing service can create tones to your exact specification.

Unique Fire Protection From Silva Timber

With treatments suitable for either exterior or interior wood, fire retardant solutions can be applied to Western Red Cedar cladding and trim to assist compliance with Building Regulations on fire protection. NON-COM® Exterior can be specified for exterior or severe damp situations.

NON-COM® Exterior treatments leave the appearance of the natural timber virtually unchanged.

These proven industrial pre-treatments for timber and related substrates are applied under controlled conditions at the Arch Lonza Timber Protection ISO certified Fire Retardant Treatment Centre.

NON-COM® Exterior

NON-COM® Exterior is a Leach Resistant (type LR) fire retardant treatment suitable for exterior or severe damp situations without the need for a protective coating.

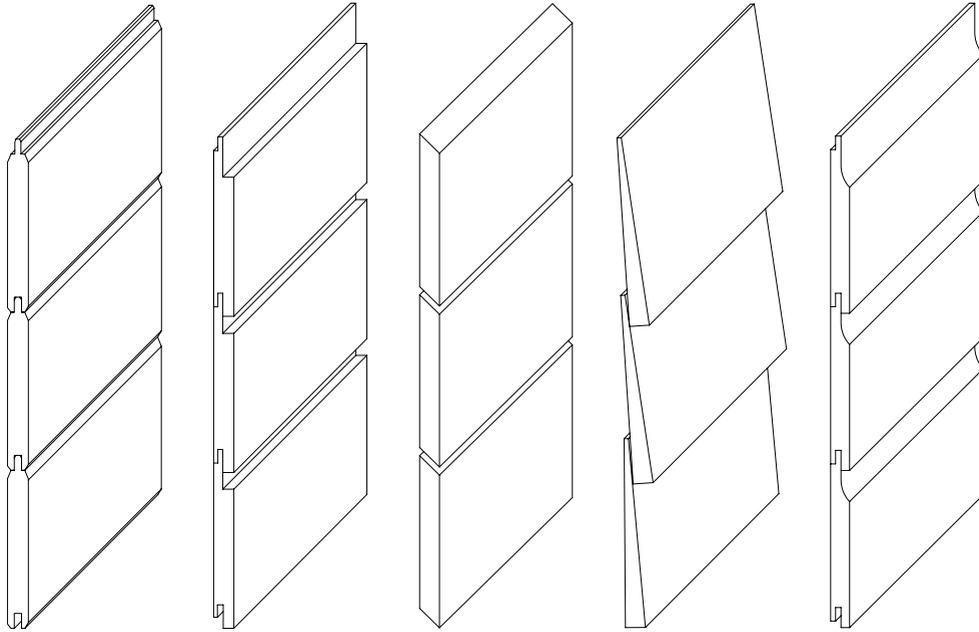
- ✓ Fire regulations met from a commercially proven, global product backed by extensive independent test data
- ✓ Conforms with either Class B or Class C certification, depending on the application requirements
- ✓ Meets all relevant British and European Standards
- ✓ Fully fire tested in accordance with European Standards (Euroclasses) under the Construction Products Directive
- ✓ Classified in accordance with EN 13501-1
- ✓ Fully tested to BS476, Part 6 'Fire Propagation Test' and Part 7 'Surface Spread of Flame'
- ✓ Excellent appearance - leaves the appearance of the natural timber product virtually unchanged
- ✓ Can be used externally, with or without a coating
- ✓ Kiln dried to end use moisture content
- ✓ No strength reduction of treated timber
- ✓ No corrosion of metal fastenings and fixings



FIRE RETARDANT TREATED TIMBER
FOR EXTERIOR OR SEVERE DAMP SITUATIONS

Ensuring you specify the correct fire protection is vital. Visit www.silvatimber.co.uk for the main considerations when specifying fire retardant protection for timber.

Cladding Profiles



Tongue & Groove

Microline Channel

Rainscreen

Bevel

Shiplap

| | 19x86mm TGV | 19x94mm TGV | 19x137mm TGV | 19x144mm TGV | 19x144mm Rainscreen | 19x94mm Microline Channel | 19x144mm Microline Channel | 19x144mm Shiplap | 12x140mm Bevel | 12x185mm Bevel | 19x185mm Bevel |
|--------------------------------|----------------|----------------|-----------------|-----------------|------------------------|---------------------------------|----------------------------------|---------------------|-------------------|-------------------|-------------------|
| Clear Vertical Grain Heartwood | ● | | ● | | | | | | ● | ● | |
| Select No. 2 Clear & Better | | ● | | ● | ● | ● | ● | ● | | | |
| Select No. 4 Clear | | ● | | ● | ● | ● | ● | ● | | | |
| Select Tight Knot | | | ● | | | | | | | | ● |
| Finger Jointed | ● | | ● | | | | | | ● | ◐ | |

● In stock for immediate delivery ◐ Available to order

Silva Timber can provide Western Red Cedar sawn Select No.2 Clear & Better and Select No.4 Clear machined into profiles to your exact specification. Custom profiles are machined from 25 x 100mm, 25 x 150mm, 50 x 100mm & 50 x 150mm sawn board stock.

For more information or for a competitive quote please contact our customer service team.

Installation

Western Red Cedar cladding up to 150mm wide should be fixed with one nail per bearer. For cladding over 150mm wide fix with two nails per bearer. Tongue & Groove, Shiplap and Microline Channel profiles can be blind nailed; all other profiles should be face nailed.

Trim Boards

Trim Boards are available in various lengths in the following profiles: 19 x 38mm, 19 x 94mm, 19 x 144mm, 38 x 38mm, 40 x 90mm, 40 x 140mm.

Battens

Western Red Cedar performs best when installed properly on a suitable frame. Cedar cladding should be securely nailed to battens, framing members, or to blocking between framing members.

Fasteners

For best results use stainless steel annular ring shank nails. These have thin shanks and blunt points to reduce splitting. Nails should be driven with care into the framing members.

Finish Coatings

It is recommended that the finish is applied to all surfaces, including ends, before installation. The type of coating will be determined by the final finish and look selected. The finish protects the wood from moisture absorption and UV degradation. It helps prevent staining caused by mildew and extractives and will increase the service life of timber.

Please note that this information is intended as a basic guide only. A detailed 'Installation Manual' can be downloaded in PDF format from the technical area on our website. Visit www.silvatimber.co.uk for online ordering, case studies, technical library and much more.

Looking to Specify?

For full technical information, downloadable BIM objects, timber grading, installation advice, FAQs and much more, visit Silva Specify at www.silvatimber.co.uk/specify



Resource Centre
For Architects &
Designers



SILVA

TIMBER PRODUCTS



Cheshire (Warehouse & Sales)

Unit 4, Albright Road, Widnes, Cheshire, WA8 8FY
Tel: 0151 495 3111 Fax: 0151 495 2255

West London (Showroom & Sales)

Pield Heath Rd, Hillingdon, W. London, UB8 3NP
Tel: 01895 271 300 Fax: 01895 271 020

Email: enquiries@silvatimber.co.uk

www.silvatimber.co.uk