



Cedar Cladding

PRODUCT GUIDE



Cedar Cladding



James Latham's Cedar Cladding Range

Western Red Cedar (*Thuja Plicata*) is one of North America's great renewable resource. Slow grown and naturally durable, Cedar has one of the longest life spans of any North American softwood. It can produce long lengths of clear timber with true straight grain, it is free from pitch and has natural resistance to decay. Its low density gives an excellent insulation value superior to most species. Lightweight, easy to work with, easy to finish, easy to stain, possessing outstanding dimensional stability, Western Red Cedar is the perfect material for exterior cladding applications.

Technical info on Cedar

Durability

Western Red Cedar is one of the worlds most durable species. With natural resistance to moisture, decay and insect damage Cedar remains the premier choice for timber cladding. Fibres in the timber contain natural preservatives that are toxic to decay causing fungi, the 2 principle extractives responsible for this are Thujaplicins and Water Soluble Phenolic. Cedar's durability is class 2 which is classed as "durable." Cedar will weather to a silver grey colour if left untreated over a period of time but if this is not your preference Cedar is very receptive to most stains / colours etc.

Dimensional Stability

Like all woods, Cedar is hygroscopic and will absorb or discharge moisture to attain equilibrium with the surrounding atmosphere, however, it has a very low shrinkage factor and is superior to all coniferous species in its resistance to warping, twisting and checking.

Shrinkage of Western Red Cedar

Direction of Shrinkage	Shrinkage in Percentage					
	From green (25% or greater moisture content) to:			From kiln dried (15% average moisture content) to:		
	15%	12%	6%	15%	12%	6%
Radial	0.96	1.2	1.8	0	0.3	1.0
Tangential	2.0	2.6	3.8	0	0.7	2.1

Thermal Conductivity / Acoustic Properties

Wood is an excellent thermal insulator. This is an important characteristic since good thermal insulators keep buildings cool in the summer and help retain heat in the winter. An important acoustical property of timber is its ability to dampen vibrations. Cedar has a cellular network of minute interlocking pores which convert sound energy into heat by frictional and viscoelastic resistance

Density

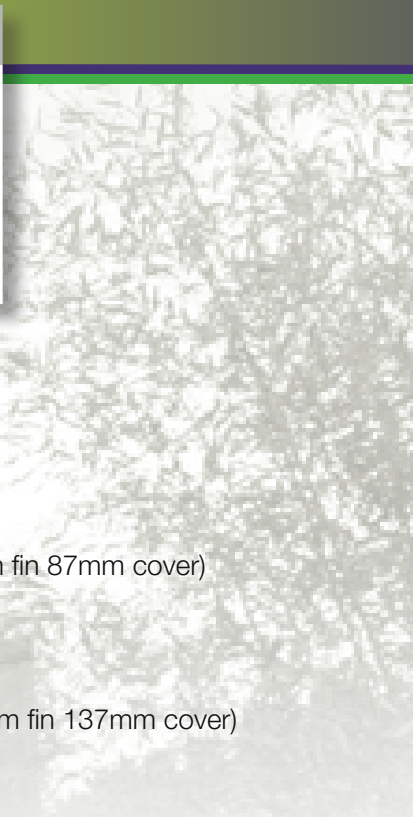
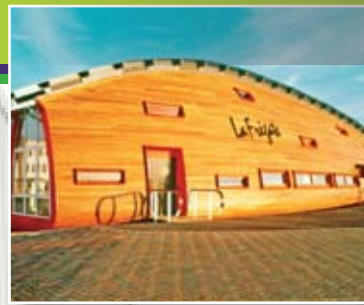
Cedar is one of the lightest commercial softwoods available and if Kiln Dried has a density as low as 330 – 390kg per m³. Cedar's low density enhances its insulation value and makes it an easy wood to handle , distribute and work with.

Workability

Western Red Cedar produces long, lightweight lengths of timber with a fine straight grain making this species easy to cut, saw, machine and fix. Again Cedar is one of the best species available for accepting paints, stains, oils and various treatments. Cedar takes most fasteners without splitting and is easily nailed.

Fastening / Fixings

Western Red Cedar has great fastening/fixing properties but please be aware that due to its natural preservatives Cedar will have a corrosive effect on some metals if they come into contact with this product. Fasteners / fixings should be Stainless steel, Aluminium, brass, or galvanised. Nails and screws should be one third longer for Cedar than those normally used to fasten most hardwood species.



LT1
19mm x 100mm (14mm x 94mm fin 87mm cover)



LT4
25mm x 150mm (18mm x 144mm fin 137mm cover)



LT8
25mm x 150mm (18mm x 144mm fin 125mm cover)



LT10
25mm x 150mm (18mm x 144mm fin 125mm cover)



LT3
25mm x 150mm (18mm x 144mm fin 135mm cover)

Extra Services

- Bespoke Machining
- Treatment – Tanalith / Vac Vac
- Sawing / X-Cutting
- Staining – Sikkens / Teknos
- Fire Retardant Treatment – Class 0 / Class 1



Importing & distribution companies



Marketing

Tel: 0116 257 3415
Email: marketing@lathams.co.uk

Website

www.lathamtimber.co.uk

Panel & Timber Products

1 Dudley

Unit 3, Yorks Park, Blowers Green Road
Dudley, West Midlands DY2 8UL
Tel 01384 234444
Fax 01384 233121
Email: panels.dudley@lathams.co.uk
Email: timber.dudley@lathams.co.uk

2 Fareham

Unit 6, Matrix Park Talbot Road
Fareham, Hants PO15 5AP
Tel 01329 854800
Fax 01329 849585
Email: panels.fareham@lathams.co.uk
Email: timber.fareham@lathams.co.uk

3 Gateshead

Nest Road, Felling Industrial Estate
Gateshead Tyne & Wear NE10 OLU
Tel 0191 469 4211
Fax 0191 469 2615
Email: panels.gateshead@lathams.co.uk

4 Ossett

Milner Way, Longlands, Ossett
West Yorkshire WF5 9JE
Tel 01924 276111
Fax 01924 280193
Email: panels.ossett@lathams.co.uk
Email: timber.ossett@lathams.co.uk

5 James Latham Scotland

Pharos, Brittain Way, Eurocentral
Lanarkshire ML1 4XJ
Tel 01698 838777
Fax 01698 831452
Email: scotland@lathams.co.uk

6 Wigston

Chartwell Drive off West Avenue
Wigston, Leicester LE18 2FN
Tel 0116 288 9161
Fax 0116 281 3806
Email: panels.wigston@lathams.co.uk
Email: timber.wigston@lathams.co.uk

7 Yate

Badminton Road Trading Estate
Yate, Bristol BS37 5JX
Tel 01454 315421
Fax 01454 323488
Email: panels.yate@lathams.co.uk
Email: timber.yate@lathams.co.uk

Panel Products

8 Hemel Hempstead

Unit 2 Swallow Park, Finway Road
Hemel Hempstead, Herts HP2 7QU
Tel 01442 849000
Fax 01442 239287
Email: panels.hemel@lathams.co.uk

9 Thurrock

Unit 4, Dolphin Way, Purfleet
Essex RM19 1NZ
Tel 01708 869800
Fax 01708 860900
Email: panels.thurrock@lathams.co.uk

Timber Products

10 Purfleet *

Units 22/24, Purfleet Industrial Park
Juliette Way, Aveley, South Ockendon
Essex RM15 4YD
Tel 01708 864477
Fax 01708 862727
Email: timber.purfleet@lathams.co.uk

Speciality Panels

Advanced Technical Panels

4 Northern Depot
Milner Way, Longlands, Ossett
W. Yorks WF5 9JE
Tel 01924 263655
Fax 01924 280193
Email: atp@lathams.co.uk
www.advancedtechnicalpanels.co.uk

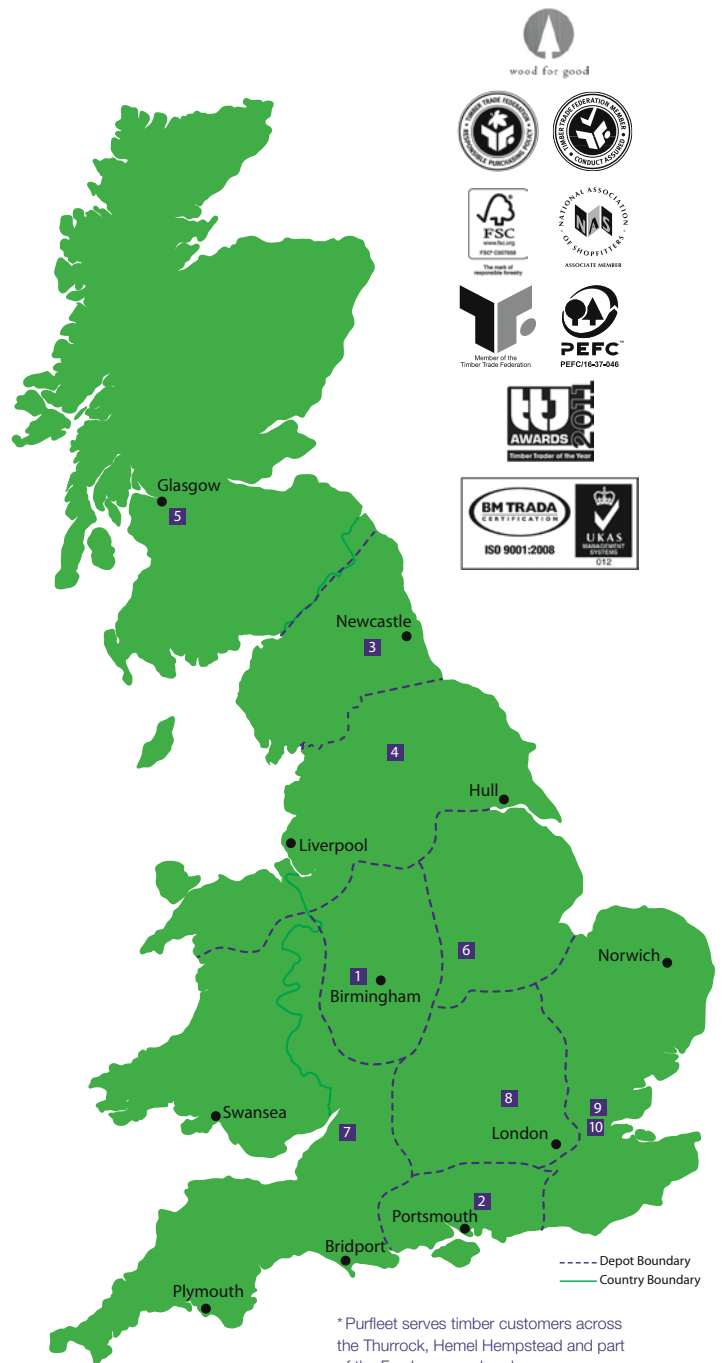
8 Southern Depot

Unit 2 Swallow Park, Finway Road
Hemel Hempstead, Herts HP2 7QU
Tel 01442 849009
Fax 01442 239287
Email: atp@lathams.co.uk
www.advancedtechnicalpanels.co.uk

Flooring

9 Thurrock

Unit 4, Dolphin Way, Purfleet
Essex RM19 1NZ
Tel 01708 681700
Fax 01708 252381
Email: flooring@lathams.co.uk



* Purfleet serves timber customers across the Thurrock, Hemel Hempstead and part of the Fareham panels sales areas



OTHER AVAILABLE BROCHURES:

- Birch Plywood
- Woodex
- Newsletter
- Door Blanks
- North American & Canadian Softwood Clears
- Product Guide
- Flexible Panels
- PAR-KY Flooring & Shinnoki
- HI-MACS
- Environmental Certification Scheme & Timber Purchasing
- Bausen Flooring
- iDeck
- Decorative Veneered Panels
- ATP for Transport
- ATP Plywood Guide
- Machined Panels
- ATP Flight Cases