



**HOWARTH TIMBER
& BUILDING SUPPLIES**

We are CLADDING

arbor**Clad**

ORDER ONLINE 24/7
howarth-timber.co.uk

much more than just timber



we are **CLADDING**

- 4 Traditional Cladding
- 8 Thermally Treated Cladding

arbor**Clad**



At Howarth, we offer one of the most comprehensive ranges of timber cladding available on the UK market today

Ideal for commercial, domestic and refurbishment projects, ArborClad cladding range can help transform a project from 'everyday' into a dramatic design statement.

We work regularly with architects, local builders, renovators, major contractors and national house builders to ensure that the product specified is the right product for the right situation and at the right price.

Chosen specifically for their environmental qualities, Chain of Custody is commonplace across the entire range and is available upon request.

We've got over 180 years of experience as a timber and building supplies merchant, so you can rest assured you're in safe hands.

If we can be of help in any way, please get in touch, we are more than happy to assist.

Nicholas Howarth
Managing Director

COMMITTED TO THE ENVIRONMENT

The ArborClad timber cladding range is available with full Chain of Custody certification, providing compliance with government specification for timber from legal and well-managed sources, as well as meeting the requirements of the construction industry's independent third party audit organisations. If this is a requirement please stipulate at time of ordering.



The mark of responsible forest management





Traditional Cladding

Our traditional cladding range is a selection of the most popular timber species currently used today in the UK market for exterior cladding.

- ✓ Cost-effective range of durable, resilient traditional claddings
- ✓ Environmentally focused
- ✓ Suitable for a range of applications
- ✓ Treated Redwood, Larch & Western Red Cedar species
- ✓ Bespoke profiles and other species also available
- ✓ Can be fire treated and/or finished with a stain or paint if required.

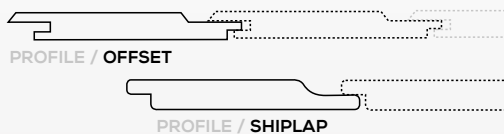
arbor**Clad**

TRADITIONAL



Cedar

Western Red Cedar shiplap and offset cladding with square end detail. A highly durable and resilient solution.



Material density:

330-410 kg/m³
(subject to moisture content)

Natural durability class:

Class 2

Bespoke options:

Available in any required profile

Sizes available

(finished sizes shown):

19mm x 140mm in random lengths

Areas of use:

Refurbishment / Domestic /
Commercial

Durability:

Durable

Sizes shown are finished unless otherwise stated.
Subject to stock availability at the time of order.
Timber cladding, when left in its natural state, will
oxidise and turn a silver grey colour over time,
due to the effects of exposure to sunlight.



Supplied under the PEFC
recognised CSA standard



FOR MORE INFORMATION PLEASE CALL 01274 871 411



SAMPLE SERVICE



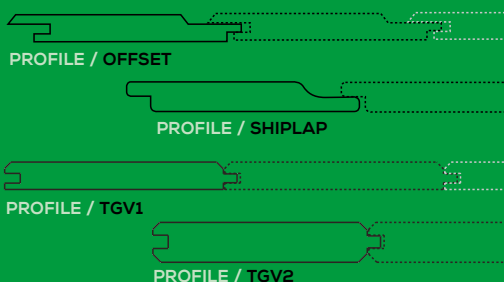
ADVICE ON FIRE RESISTANCE



TRADITIONAL

Redwood

European Redwood shiplap and offset cladding with square end detail. For use where economy is the priority.



Material density:

480-560 kg/m³

(subject to moisture content)

Natural durability class:

Class 3-4

Bespoke options:

Available in any required profile

Sizes available

(finished sizes shown):

15mm x 119mm in random lengths

19mm x 117mm in random lengths

19mm x 140mm in random lengths

Areas of use:

Refurbishment / Domestic /
Commercial

Durability:

Slightly durable. Moderately durable
if a finish is applied

Sizes shown are finished unless otherwise stated.
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management

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SAMPLE SERVICE



ADVICE ON FIRE RESISTANCE

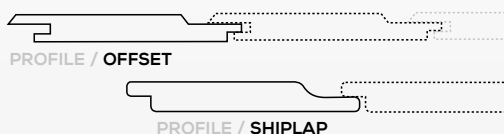


TRADITIONAL



Larch

Larch shiplap and offset cladding with square end detail. A highly durable and resilient solution.



Material density:

570-650 kg/m³

(subject to moisture content)

Natural durability class:

Class 3

Bespoke options:

Available in any required profile

Sizes available

(finished sizes shown):

19mm x 140mm in random lengths

Areas of use:

Refurbishment / Domestic /
Commercial

Durability:

Moderately durable

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SAMPLE SERVICE



ADVICE ON FIRE RESISTANCE



OTHER SPECIES
AVAILABLE



TECHNICAL ASSISTANCE






Thermally Treated

With improved stability and durability qualities, thermally treated cladding provides added long term benefits and flexibility.

- ✓ Softwood and hardwood options
- ✓ Improved stability, durability and performance
- ✓ Increased weather resistance
- ✓ Chemical-free treatment applied through the full board section, virtually eliminating rot and insect attack
- ✓ Environmentally focused
- ✓ Uniformity of product colour in its natural state
- ✓ More even weathering over time than traditional timber claddings
- ✓ Can be fire treated and/or finished with a stain or paint if required

arbor**Clad**



Through the treatment applied, the timber is less prone to absorb or lose moisture, helping to restrict the potential for swelling, shrinkage or distortion. The wood also acquires a beautiful brown colour and its velvet-like surface is pleasant to the touch. At its best, the wood possesses nuances of antique and fine wood shades that bring warmth to any project, be this for an internal or external application.



Cladding

The thermal treatment process consists of heating wood to temperatures (within a range of 160°C to 215°C) exceeding its spontaneous combustion temperature and changing the natural properties with the water vapour present having a protective function.

A natural process, the varying temperatures, varying treatment duration and varying drying techniques require no chemical additives and impart new properties to the treated wood.

Thermal Knotty Pine

Thermal Ash

Thermal Clear Pine

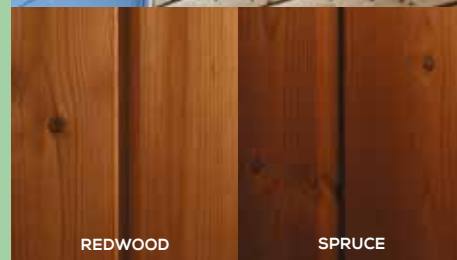
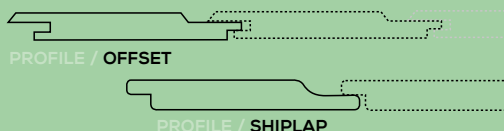
Thermal Fraké



THERMAL

Knotty Pine

Ideal for long term internal and external applications. Available in European Redwood or European Spruce species.



REDWOOD

SPRUCE

Material density:

380–460 kg/m³ (Redwood)
350–430 kg/m³ (Spruce)
(subject to moisture content)

Natural durability class:

Class 3 (Redwood) / Class 3 (Spruce)

Bespoke options:

Available in any required profile

Sizes available

(finished sizes shown):

19mm x 117mm in random lengths
19mm x 140mm in random lengths

Areas of use:

Refurbishment / Domestic /
Commercial

Durability:

Durable (Redwood)
Moderately durable (Spruce)

Sizes shown are finished unless otherwise stated.
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SAMPLE SERVICE



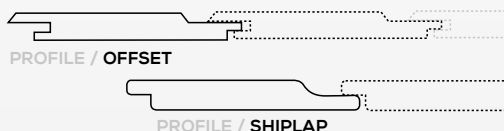
ADVICE ON FIRE RESISTANCE

THERMAL



Clear Pine

Thermally treated Clear Pine cladding provides a viable knot-free alternative to traditional cedar.



Material density:

450-530 kg/m³

(subject to moisture content)

Natural durability class:

Class 2

Bespoke options:

Available in any required profile

Sizes available

(finished sizes shown):

19mm x 140mm in random lengths

Areas of use:

Refurbishment / Domestic / Commercial

Durability:

Durable

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SAMPLE SERVICE



ADVICE ON FIRE RESISTANCE



OTHER SPECIES AVAILABLE



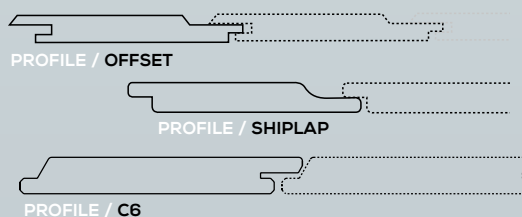
TECHNICAL ASSISTANCE



THERMAL

Ash

Perfect for exterior and interior use, thermally treated Ash provides a limitless opportunity for design.



Material density:

550-630 kg/m³

(subject to moisture content)

Natural durability class:

Class 1

Bespoke options:

Available in any required profile

Sizes available

(finished sizes shown):

Offset/shiplap 19mm x 140mm - random lengths

C6: 20mm x 155mm x 2.4 - 3.6m lengths

C6 can be used in conjunction with clip system

Areas of use:

Refurbishment / Domestic / Commercial

Durability:

Very durable

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SAMPLE SERVICE



ADVICE ON FIRE RESISTANCE



OTHER SPECIES AVAILABLE



TECHNICAL ASSISTANCE

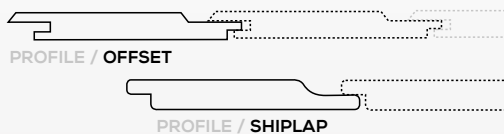


THERMAL



Frake

Perfect for exterior and interior cladding, Fraké is a premium heat modified timber species



Material density:

460–540 kg/m³

(subject to moisture content)

Natural durability class:

Class 2

Bespoke options:

Available in any required profile

Sizes available

(finished sizes shown):

19mm x 140mm in random lengths

19mm x 190mm in random lengths

Areas of use:

Refurbishment / Domestic /
Commercial

Durability:

Durable

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SAMPLE SERVICE



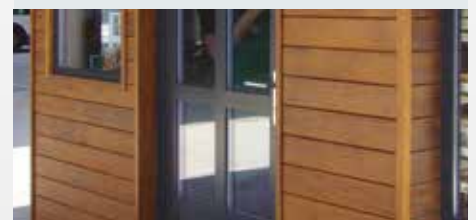
ADVICE ON FIRE RESISTANCE



OTHER SPECIES
AVAILABLE



TECHNICAL ASSISTANCE





ORCHARD CARE HOME

ArborClad Thermal Clear Pine

The £32 million Richmond Witney Retirement Village was designed by PRC Architecture and built by BAM. The design called for a village atmosphere, with architectural features that reflect the local vernacular.

ArborClad Clear Pine cladding was specified because of its attractive appearance and sustainability benefits, and is incorporated across entire elevations on selected buildings and as a unifying factor on others. As well as supplying the Clear Pine cladding, Howarth Timber machined to profile and finished the corner moulds and fascias, providing a streamlined service.

The thermally modified timber cladding is virtually knot-free, while the non-chemical treatment makes the cladding resistant to moisture and means that it won't warp or swell and will weather evenly to a clean silver-grey colour.



MARKS & SPENCER'S DISTRIBUTION CENTRE

ArborClad Thermal Knotty Pine

Marks and Spencer's multi-million pound northern distribution centre in Bradford, West Yorkshire, has been completed with a facade of high performance thermally treated Knotty Pine cladding.





FLEETWOOD CHANGING HUTS

ArborClad Thermal Fraké cladding

Howarth Timber & Building Supplies helped to create 10 new beach chalets on Fleetwood promenade that share the same construction materials as the area's local observation tower.

The colourful chalets have been constructed using fraké timber, which matches the wood - also supplied by Howarth - used to build the nearby RIBA award winning Rossall Point observation tower, pictured right.

Fraké timber is a premium heat-modified timber species that is gaining popularity in cladding projects due to its durability and ease of use.



The basic rules for installing external cladding

SOFTWOOD

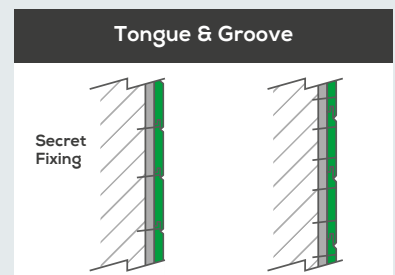
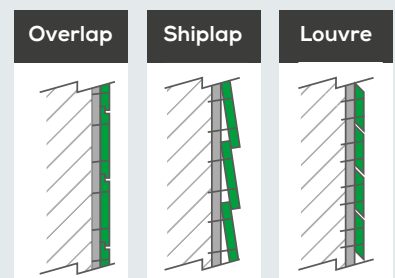
Stainless steel annular ring shank/round head nails are appropriate for fixing softwood cladding:

- The nail length is generally minimum 50mm or 2.5 times the thickness of the board being fixed whichever is the greater and should be punched slightly below the wood's surface.
- Boards over 100mm wide should have double fixings.
- Make sure that butt joints always meet on sufficient batten support width.
- It's preferable to use stainless steel nails for all species but especially those with a high tannin content, and they are essential for timbers installed 'green'. By using Stainless Steel this avoids permanent staining due to the reaction of the tannin on mild steel or galvanised nails.
- If using battens*, we recommend a minimum size of 38x50mm (finished size).

HARDWOOD

Stainless steel screws/annular ring shank nails are the preferred method of fixing for hardwood boards. Stainless steel screws are preferable, and essential for timbers installed 'green':

- Slight over-drilling of the screw holes will allow for any movement in the wood and prevent splits. Countersinking screws is also recommended.
- Where 'green' wood is used, it may be necessary to fit washers to the screws to maintain the fixing security. This can become a design feature.
- Metal clips, which also provide a 'secret fix' effect, may also be considered. Screw fixings should be minimum 40mm or half the width of the board, whichever is the great, from the end of the boards to avoid splitting.



Fire regulations are in constant review, for the most up to date information please visit the following websites:
TTF, Trada, TDCA, www.gov.uk



HOWARTH TIMBER & BUILDING SUPPLIES



Timber & Sheet Materials

ACCRINGTON

Old Railway Yard, Market Street,
Church, Accrington, BB5 0DN
tel: 01254 380500

ASHTON

Moss Sawmills, Katherine Street,
Ashton-under-Lyne, OL7 0AG
tel: 0161 3301634

BARNSLEY

Stocks Lane, off Summer Lane,
Barnsley, S75 2BL
tel: 01226 289494

BLACKBURN

Bruce Street, off Harwood Street,
Blackburn, BB1 3EE
tel: 01254 699696

BRADFORD

Parkworks, Hare Park Lane, WF15 8ER
tel: 01274 871411

BRIGHOUSE

Wakefield Road, Brighouse, HD6 1PE
tel: 01484 503950

BURNLEY

Queensgate Sawmills, Pratt Street,
Burnley, BB10 1RZ
tel: 01282 426241

BURY

Bright Street, Bury, BL9 6AQ
tel: 0161 7616416

BURY ST EDMUNDS

Hollow Road, Bury St Edmunds,
IP32 7QW
tel: 01284 250160

CHEADLE

Countess Ave, Cheadle Hulme,
Cheadle, SK8 6QS
tel: 0161 486 1417

CHESTER

Broughton Works, Chester Road,
Bretton, Chester, CH4 0DH
tel: 01244 660351

CORBY

Geddington Road, Corby, NN18 8ET
tel: 01536 407079

DARTFORD

Nelson Works, Hythe Street Lower,
Dartford, DA1 1BN
tel: 01322 286844

DARWEN

Units 1 & 2, Spring Vale Road,
Darwen, BB3 2ES
tel: 01254 873552

DERBY

Pentagon Island Timber Yard,
12 Old Nottingham Rd, Stores Rd,
Derby, DE1 3QT
tel: 01332 360233

DEWSBURY

Hirst Mills, Hirst Road, Dewsbury, WF13 2AF
tel: 01924 462186

DONCASTER

Churchill Business Park,
Churchill Road, Doncaster, DN1 2TF
tel: 01302 763090

GRIMSBY

Eastgate, Grimsby, DN32 9BA
tel: 01472 361621

HARROGATE

Claro Road, Harrogate, HG1 4AU
tel: 01423 637000

LEEDS

Prince Edward Works,
Cross Green Ind' Estate,
Ponterfract Lane, Leeds, LS9 0RA
tel: 0113 200 0100

LONDON

115 Endwell Road, Brockley Cross,
London, SE4 2PE
tel: 020 8691 6237

MALTON

Showfield Ind Estate, Showfield Lane,
Malton, YO17 6BT
tel: 01653 697776

MANCHESTER

Glasshouse Street, Oldham Road,
Miles Platting, Manchester M4 5HD
tel: 0161 839 6827

MANSFIELD

Millennium Timber Yard, 204 Chesterfield,
Road North, Mansfield, NG19 7JG
tel: 01623 624455

NEWCASTLE -U-LYME

Barracks Road, Newcastle under Lyme,
ST5 1AW
tel: 01782 715900

NORTHWICH

Chester Way, Northwich,
Cheshire, CW9 5FZ

OLDHAM

Medlock Sawmills, Shaw Road,
Oldham, OL1 3LJ
tel: 0161 6202128

ROCHDALE

Milnrow Road, Rochdale,
OL16 2AA
tel: 01706 710962

SALE

Glebelands Road, Sale, M33 6LB
tel: 0161 9739578

SCUNTHORPE

Warren Road, Scunthorpe, DN15 6XH
tel: 01724 860325

THORNE

South Parade, Thorne, DN8 5DY
tel: 01405 813515

TOTTENHAM

Unit 2, Elmlea Trading Estate,
Leaside Road, Tottenham, N17 0XR
tel: 020 8808 4337

WAKEFIELD

Doncaster Road, Wakefield, WF1 5DW
tel: 01924 372291

YORK

Leeman Road, York, YO26 4ZH
tel: 01904 629931

STANDALONE SHOWROOM

BARROWFORD
21-23 Gisburn Rd, Barrowford,
Nelson, BB9 8NB
tel: 01282 690400

We are



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Timber is a natural product and can vary slightly in colour or texture

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