

PRE-STAINED AND PAINTED CLADDING

At Bennetts Timber we offer a wide range of pre-stained and painted finishes through third party suppliers. The coating service provides a base coat to all 4 sides of the board plus two further top-coats to the outer face of the cladding.

A range of standard finishes such as a clear coating with UV protection and water based opaque colour finishes to the colour of your choice are available. Colour match products are accessible from Teknos, Crown and others.



FIRE TREATMENTS

On many commercial or residential projects fire retardant timber is required in certain areas of the building. Building Regulations may also specify where fire retardant cladding is required, particularly in close proximity to other buildings or boundaries. At Bennetts Timber we can offer

factory applied fire retardant treatment through third party suppliers, kilned for anti-leaching to Euroclass B or Euroclass C. S1 smoke rating treatment is also available on request. It is vitally important to get the correct fire or smoke treatment treatment for your project.

For further technical information please visit our website or call our expert sales team who are always happy to advise.

TECHNICAL AND OTHER INFORMATION

FIXING

Typically, external cladding is fixed to a treated timber batten which in turn is fixed to the wall of the building. Battens should be at least 2.5 times the thickness of the cladding board when using standard stainless steel nails or screws. If using annular ring shank nails or screws the battens can be reduced to twice the thickness of the board. Battens should be spaced no more than 600mm apart but this can be reduced to 400mm – 500mm. Horizontal cladding boards are fixed to vertical battens and vice-versa. However, with vertical boards a vertical counter-batten behind the horizontal batten may be required.

We recommend that only stainless steel or silicone bronze screws/nails should be used when fixing any cladding that we supply. This should ensure that any leaching or discolouration is avoided.

MOISTURE CONTROL

If the main structure is not masonry (i.e. brick or block) a separate impermeable membrane may be required behind the cladding. A cavity of at least 20mm should be left behind the boards to allow for adequate ventilation and drainage.

CORNERS

The corner can be achieved either with a solid square section, or by forming an L-shaped corner. We are able to provide both internal and external corner mouldings.

WINDOW AND DOOR OPENINGS

Ideally any openings should be in multiples of the chosen board width to avoid the need to notch or split boards. It is important to have a dimensional relationship between openings and board widths for board-on-board cladding, otherwise the pattern of boarding may not relate to either side of an opening. If the sizes and locations of the openings are already determined, it may be necessary to chose a board, or vary the amount of overlap, specifically to relate to the predetermined dimensions of the openings.

ACCESSORIES

We stock the full range of accessories required to install your cladding from nails and screws to saws and other handtools. We also have an extensive range of stains, silicones, glues and sealants. If you require additional paint or staining for future maintenance then we can supply that too, just ask our sales team when you order.

ENVIRONMENTAL

Bennetts Timber has Chain of Custody status through the Forestry Stewardship Council (FSC®) and the Programme for the Endorsement of Forestry Certification (PEFC) Schemes. As a long standing timber merchant, having traded since 1804, we care about our responsibility to ensure that our stock and range of timber products are both legal and sustainable.



A GUIDE TO TIMBER CLADDING



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TIMBER CLADDING

Attractive, durable and sustainable. Timber cladding has become increasingly popular over recent years and provides a great external finish to a building. At Bennetts Timber we specialise in the supply of timber cladding with a range of species and profiles available. All of our timber is sustainable, responsibly purchased and usually FSC® or PEFC certified. Here are the most popular types that we supply:

PORTFOLIO

Our cladding has been used on hundreds of projects the length and breadth of the UK. In particular timber cladding supplied by us has featured on a number of previous episodes of Grand Designs on Channel 4. This is a small selection of the varied projects that we have supplied:



Ecohouse Project,
Lincolnshire
Thermowood®



Commercial Refurb,
Lincolnshire
Western
Red Cedar



Self-contained Annex,
Isle of Man
Larch



Restored Boathouse, Yorkshire
Larch & Cedar Shingles

POPULAR WOOD TYPES THAT WE SUPPLY



WESTERN RED CEDAR (THUJA PLICATA)

Grown in north western America, Western Red Cedar is ideal for both external and internal cladding applications. The rich warm colours and texture, together with natural preservatives ensure that this is an extremely attractive material that will last. Cedar is one of the most naturally durable species available, is relatively knot free, lightweight and easy to work. It can be painted, stained or UV protected.



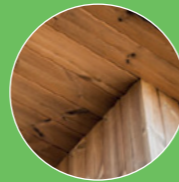
EUROPEAN LARCH (LARIX DECIDUA)

Now that Siberian Larch is unavailable, European Larch is a great alternative. It produces a durable and decay-resistant wood. The heartwood ranges from yellow to reddish-brown and the grain is generally straight or spiralled. Sawn sections can exhibit character and interesting patterns in the growth rings, while knots are common, they are usually small. European Larch is durable and relatively easy to work.



CANADIAN DOUGLAS FIR (PSEUDOTSUGA MENZIESII)

Douglas Fir is another durable softwood grown on the western side North America. With Siberian Larch in short supply, Douglas Fir represents a good alternative and perfect for exterior cladding. It has an interesting grain pattern which gives it a unique character which is becoming popular. Available in a tight knot grade which will contain some dead knots.



THERMOWOOD D®

A thermally modified Finnish grown softwood (either redwood or whitewood). The wood is baked to temperatures in excess of 200°C and during this treatment both chemical and structural changes occur which alter and improve some characteristics. The resulting product is a durable and stable timber, so a brilliant material for use as external wall claddings. Thermowood® tends to be darker than pine when new, but as with all timber will fade to grey over time. Knots will be present in all boards.



FRAKÉ THERMALLY MODIFIED TIMBER

Fraké is a thermally modified version of Limba, a sustainable hardwood species. The heat process alters the cell structure which makes it durable and stable. The wood has a warm walnut-like colour, with flame-like patterns, black lines through the grain, and occasional pinholes, which give Fraké its own specific (natural) characteristics. Ideal for creating sleek, modern projects including cladding, garden rooms, decking, fencing, and trellising. It can also be used internally as cladding, skirting, and architraves.



OTHER SPECIES

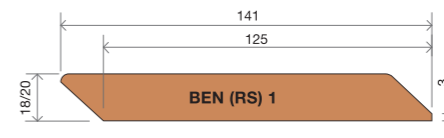
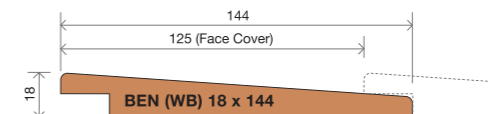
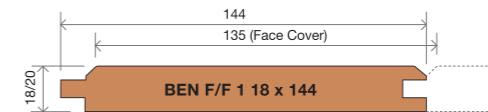
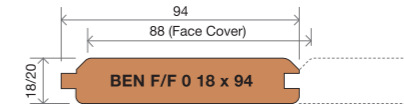
A number of other types of timber can be used for external cladding such as **British larch, European oak, Thermo Radiata Pine, Louro Gamella and Accoya®** – all of which can be sourced on request.

PROFILES

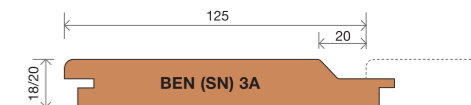
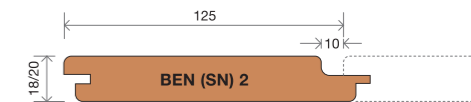
Our most popular profiles are shown on the drawing below, we can also machine square edge profiles for windows, doors and corner trims. Please note that these drawings are

indicative only and not to scale. To enable full adhesion paint manufacturers recommend a 3mm radius on all frame edges.

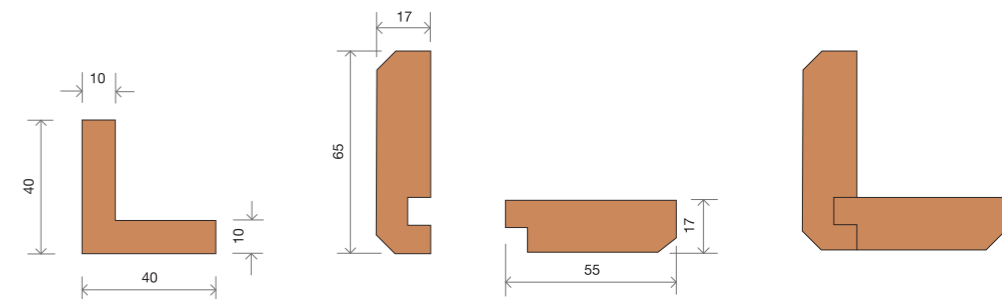
Face Fix Profiles



Secret Nail Profiles



CORNER MOULDINGS



We can machine a wide variety of other profiles if you cannot see the one that you require. Please ask one of our sales team who will be able to assist with your preferences.