

TIMBER



Timber Terminology	p. 4
Introduction	p. 5
Certified Timbers	p. 6

HARDWOODS

North American

Ash	p. 8
White Oak	p. 8
Cherry	p. 9
Maple	p. 9
Red Oak	p.10
Tulipwood or Yellow Poplar	p.10
Black Walnut	p.11

Grading of American Timber

Far Eastern

Jelutong	p.14
Meranti	p.14

African

Cedar	p.15
Idigbo	p.15
Iroko	p.15
Koto	p.16
Movingui	p.16
Obeche	p.16
Padouk	p.17
Sapele	p.17
Utile	p.17
Wenge	p.18
West African Mahogany	p.18
Zebrano	p.18

South American

Brazilian Mahogany	p.19
--------------------	------

Decking

European

Elm	p.22
European Beech	p.22
Colour No Defect Beech	p.22
European Oak	p.23
English Oak	p.23
Sweet Chestnut	p.23
English Sycamore	p.24
European Sycamore	p.24

Construction Grade Hardwoods

NEW Laminated Timber Sections

SOFTWOODS

North American & Canadian

Clear Douglas Fir	p.26
Honduras Pitch Pine	p.26
Western Red Cedar	p.26
Quebec Yellow Pine	p.27
Southern Yellow Pine	p.27

European






Redwood	p.28
Whitewood	p.28

Furniture Grade Laminated Panels

NEW Modified Wood

Cladding/Further Processing

TIMBER TERMINOLOGY

Density		Timbers vary in density depending on their species and moisture content. The values quoted are averages at 15% but the increase caused by moisture can be estimated by adding 0.5% of the given weight for every 1% increase in moisture content.
Description		The colour refers to the Heartwood of a timber, but each board may be subject to some variation and most timbers change colour when exposed to daylight.
Drying and Kilning		Higher temperatures and reduced humidity found in most new buildings make it essential to condition Hardwood before manufacturing into woodwork. This is achieved by kiln drying timber, reducing the natural moisture in wood. The majority of timbers today are already kiln dried, except for those sold especially for external construction work, and commonly, sold at an average moisture content of 12½ - 15%, suitable for the most internal situations bar those with continuous central heating. North American timbers are imported already kiln dried to a moisture content varying on average 8 - 10% reflecting the widespread use of air-conditioning and central heating in the United States.
Durability		The durability of timber is based on the results of the 'Grave Yard' test, where pieces of Heartwood 50mm x 50mm x 0.6mm are stuck in the ground and, fully exposed to the elements, are left to rot. The timber is then classified according to the number of years taken before decay becomes obvious. The classifications are: perishable 0-5 years including all sapwood; non-durable 5-10 years; moderately durable 10-15 years; durable 15-25 years; very durable 25+ years. This is a particularly harsh test and a durable timber used in most external situations where it does not actually touch the ground, can be expected to last for some years longer.
Flat Sawn		Timber cut tangentially to the annual growth rings, often called through and through.
Knots		Knots give figure to wood as the grain is deflected around them and because of the shapes of hard dark tissue. They can be desirable aesthetically e.g. pippy oak.
Machining		This refers to the ease of working and is classified as excellent, good, medium and difficult (where care should be taken in machining).
Moisture Movement		This refers to the dimensional changes that occur when dried timber is subjected to changes in atmospheric conditions. The movement is classified as small, medium and large. For situations where varying humidities are likely to be encountered and stability of a component is important, a small movement species should be specified eg decorative wood flooring. The most recent standard for moisture content in general joinery is BSEN 942 1996 Timber & Joinery.
Paint/stain		This refers to the ease of accepting a stain or paint finish and is classified as excellent, good, satisfactory and poor.
Prices on Application		Prices are available from our Sales Offices. A surcharge may be levied on orders valued at £230 or less.
Price Ranges		£ - Inexpensive ££ - Value for money £££ - Mid Range ££££ - Top Range.
Quarter Sawn		Cut radially from the log to give an edge vertical or straight grained appearance.
Specification		The majority of imported Hardwood is in the form of Square Edged boards of random width and length. These are normally sold on the basis of 6' and up in length, and 6" and wider in width. However, Far Eastern timbers are more commonly 8' and longer, 6" and wider, and North American timbers are 6' and longer, and 4" and wider. The specification shows the average length and range, and the average width and range. Constructional Hardwoods are usually offered sawn to size. Where logs are available it is mentioned.
Springwood/ Summerwood		Depending on which part of the year most of the growing period; if springwood the growth ring is lighter less dense and less strong mechanically than summerwood.
Square edged		Square edged boards are free from wane without eased edges.
Texture		Surface texture depends on the size and distribution of the wood cells and, less importantly, rays. Classification ranges from fine e.g. cherry with small vessels, through medium to coarse e.g. oak with large vessels.
Uses		The list of uses covers most common applications but should not regarded as exhaustive.
Weights		Average weights are given for each timber at an average Moisture Content of 12%.

INTRODUCTION TO TIMBER



John May, Timber Director,
Lathams Limited

Welcome to our Spring 2011 Product and Price Guide.

The supply side continues to test us, particularly with Tropical Hardwood. We are committed to source legal and, wherever possible, sustainable timber. At time of writing the supplies of Idigbo and Iroko are becoming more difficult due to political disruption in the countries of origin. We have suppliers that we have worked with for many years and, in these difficult and testing times, these partnerships enable us to continue supplying high quality specifications in all our commercial species.

On the Temperate Hardwood side the difficulties are more to do with quality and specification rather than supply line disruption. We offer high quality products in our Finesse range, particularly in Walnut and Oak.

In the last introduction I advised of a new product, "Accoya", and sales to date have been very encouraging. This product does solve many problems, particularly those concerning stability. We have found this product is incredibly successful for outside joinery.

New for this edition is our cladding section. Every Latham depot has cladding spp's in stock, and all have the ability to offer machined product. We offer a list of profiles, but can machine to order any profile required.

We try to hold the stocks our customers require and if we haven't got the product you use, we can find it from our extensive supply base. Please talk to a member of our sales team about any of our new products or any product you want us to stock.

The launch of our "Finesse" range in our last brochure has been very successful, providing quality timber at value for money prices. Our range and depth of stock in this range is due to expand this year.

We have continued to work hard on environmental issues, and now hold certified stocks in all the major species of Hardwood and Softwood. We want to help our customers with any environmental issue they may have, again please speak to our sales team. Our range of FSC and PEFC products are increasing to meet the business sales we now have.

While it looks like being a difficult trading year, we at James Latham are in the right position for our customers. As well as having the right product at the right price, we also have vastly experienced staff to deal with all your enquiries and orders.



CERTIFIED TIMBERS

CERTIFIED TIMBERS

WHY CHOOSE CERTIFIED TIMBER?



1

FORESTS

A forest which is responsibly managed can produce timber indefinitely.

By producing and supplying certified timbers, we can help to ensure that the timber supply base can be maintained for the future. These timbers will guarantee timber for future generations.



2

OUR WORLD

The natural forest is a delicate ecosystem, which stores carbon and contributes to recycling of water, maintaining climate stability and protecting biodiversity. Conversion of natural forest to other uses is problematic and a matter of concern because such activities contribute to CO² emission when the forest is burned. Contrary to this, wood which is based on sustainable forest management is CO² neutral.

PEOPLE

A forest which is responsibly managed also ensures the rights of local and indigenous people. Dialogue and direct involvement are essential elements to ensure that different stakeholder interests are taken care of. Respecting the lives and cultures of local and indigenous peoples ensures that their way of life, sometimes developed over centuries, can be maintained.



3

WILDLIFE

By safeguarding that the wildlife is maintained, good forest management ensures that the forest habitat, for both animals and plants, is protected. Species currently endangered, such as the western lowland gorilla or forest elephant, can continue to be afforded a habitat where they can survive and, hopefully, thrive in the future.

ECOSYSTEM

Good forest management ensures that the delicate forest ecosystem is maintained and thus the level of biodiversity is sustained.



4

CUSTOMER AWARENESS

As the public becomes more aware of the importance of protecting our environments they will inevitably demand more and more timber from sustainable sources. We are actively working with our suppliers to secure a steady supply of certified timber to satisfy future demand.

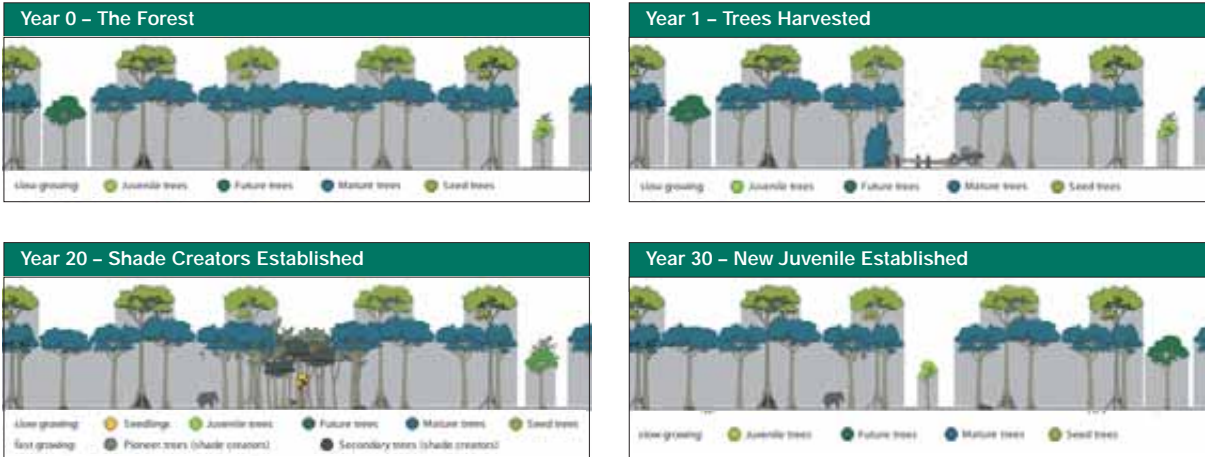
Certification is vital for forests worldwide

Image 1 © James Latham
 Images 2 & 4 © DLH Hardwood
 Image 3 © Edward Parker

CERTIFIED TIMBERS

CERTIFIED TIMBERS

SUSTAINABLE TROPICAL TIMBER PRODUCTION - a simplified description of complex forest dynamics



The illustrations represent the 30 year cycle of selective, responsible harvesting of mature trees in an African tropical forest, a process which protects the ecosystem, forms the basis of sustainability in the tropics, and can be repeated indefinitely.

Illustrations courtesy of the DLH Group

CERTIFIED TIMBERS AVAILABLE FROM STOCK FSC



American White Oak	1" to 2"	Iroko	Various
American Hard Maple	1" and 2"	Sapele	Various
American Tulipwood	1" to 2"	West African Mahogany	1" to 3"
American Cherry	1" to 2"	European Beech (White)	1" to 3"
American Ash	1" to 2"	European Oak	1" to 4"
American Black Walnut	1" to 4"	Massaranduba Decking	21 x 145mm
Movingui	1" to 3"	Balau Decking	19 x 90, 21 x 145mm
Padouk	1" to 3"	Unsorted Redwood	Various
Utile	Various	Sawfalling Redwood	Various
Meranti Scantlings	Various	Accoya	

SGS (legally verified - 3rd Party)



Sapele	1" to 4"	Iroko	1" to 3"
Utile	1" to 4"		

PEFC



European Oak Waney Edge	1" to 3"	Unsorted Redwood	Various
European Steamed Beech	1" to 3"	Fifth Redwood	Various
European Prime and FAS Oak	1" to 3"		

CSA



Western Red Cedar	Various	Hemlock	Various
Douglas Fir	Various		

MTCC



Meranti	Various		
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For our range of certified Laminated Hardwood and Softwood, see page 25 or contact our marketing department on 0116 257 3415 for further details.

NORTH AMERICAN HARDWOODS








ASH *Fraxinus Americana*

North American White Ash FAS, FAS 1 FACE SE Kiln dried

Northern Ash, also known as 'Tough Ash' is pale cream to greyish brown in colour, generally straight grained, with a coarse but even texture. It is appropriate for applications where strength is a requirement. Available in other grades, e.g. Common & Selects. FSC stock available on request.

Uses	Specification	Sizes mm	S/E	K/D	FAS
Traditionally used for sports equipment and striking handles, it is increasingly used for joinery, furniture, shopfitting panelling and flooring.	Average length 8' Range 6' to 15'	Average width 7" Range 4" to 12"	25	50	100
			32	63	
			38	75	
		Price Range - ££			

 Medium	 Excellent	 Good	 Non-durable	 670 kg/m ³
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WHITE OAK *Quercus Alba*

North American White Oak - FAS & FAS 1 FACE 80 - 20 SE Kiln dried

Colour ranges from a light yellowy brown to pale biscuit, occasionally with a pinkish tinge depending on region and site condition in Eastern USA. Straight grained with a medium to coarse texture, it machines fairly readily and stains and polishes to an excellent finish. Also available Super Prime, parallel sawn, pulled to width and strips. From time to time we have lower grades and shorts available. e.g. Common & Selects.

Uses	Specification	Sizes mm	S/E	K/D	FAS
Widely used for interior joinery, panelling, furniture, shopfitting, and flooring.	Average length 8' Range 6' to 15'	Average width 7" Range 4" to 12"	25	50	100
			32	63	
			38	75	
		Price Range - £££			
KD Prime 225mm + wider	'Latham Own Brand'	S/E AM K/D FAS 80/20			
		25	38	63	
		32	50	75	

 Medium	 Medium	 Good	 Durable	 760 kg/m ³
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Images courtesy of the American Hardwood Export Council. www.ahec-europe.org

For symbol explanation see page 4.
Prices available from our Sales Offices. A surcharge may be levied on orders valued £230 or less.

NORTH AMERICAN HARDWOODS

Prunus Serotina CHERRY

North American Cherry FAS, FAS 1 FACE SE Kiln dried



Colour ranges from golden yellow in the sapwood, to pinkish red in the heartwood. Straight grained, it has a fine even texture, which machines and finishes extremely well. Available in other grades, e.g. Common & Selects. FSC stock available on request.

Uses	Specification	Sizes mm	S/E	K/D	FAS
Used for cabinet making, furniture, decorative joinery and kitchens in particular. It is also excellent for turnery. Not suitable for exterior use.	Average length 8'	Average width 7"	25	50	100
	Range 6' to 12'	Range 4" to 8"	32	63	
			38	75	
		Price Range - ££££			

 Medium	 Excellent	 Good	 Moderate	 580 kg/m ³
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Acer Saccharum/Acer Nigrum MAPLE

North American Hard Maple – FAS, FAS1 FACE 80 – 20 se Kiln dried selected for Colour 1 & 2 White



Colour cream to a pale reddish brown, renowned for its strength and resistance to shock, Hard Maple is straight grained with a fine texture. FSC stock available on request.

Uses	Specification	Sizes mm	S/E	K/D	FAS
Traditionally a flooring timber, it is also used for furniture, turnery, musical instruments, shopfitting and internal joinery. Not suitable for exterior use.	Average length 8'	Average width 8"	25	50	100
	Range 6' to 14'	Range 4" to 12"	32	63	
			38	75	
		Price Range - ££££			

 Small	 Excellent	 Satisfactory	 Non-durable	 630 kg/m ³
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NORTH AMERICAN HARDWOODS

RED OAK *Quercus spp*

North American Red Oak – FAS & FAS 1 FACE 80 – 20 SE Kiln dried

Colour ranges from a light yellowish brown to pale biscuit, occasionally with pinkish tinge due to soil and climate conditions. Primarily we sell Northern Red Oak *Quercus Rubra*. The wood is extremely porous and therefore not suitable for tight cooerage.

Uses	Specification		Sizes mm	S/E K/D FAS	
Widely used for interior joinery, panelling, boxes, furniture, shopfitting, flooring and windows.	Average length 8'	Average width 7"	25	50	100
	Range 6' to 15'	Range 4" to 12"	32	63	
			38	75	
			Price Range – £££		

 Medium	 Excellent	 Good	 Non-durable	 790 kg/m ³
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TULIPWOOD OR YELLOW POPLAR *Liriodendron Tulipifera*

North American FAS, & FAS 1 FACE 80 – 20 SE Kiln dried

Colour ranges from white to pale olive green to brown. It is straight grained, of even texture and grain and relatively strong. Available in other grades, e.g. Common & Selects. Moderately light weight and low shock resistant. FSC stock available on request.

Uses	Specification		Sizes mm	S/E K/D FAS	
Used for interior joinery, panelling, furniture manufacture and mouldings, it is increasingly used as an alternative to Ramin, Obeche and Rubberwood.	Average length 8'	Average width 7"	25	50	100
	Range 6' to 15'	Range 4" to 12"	32	63	
			38	75	
			Price Range – £		

 Medium	 Excellent	 Excellent	 Non-durable	 380-450 kg/m ³
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James Latham have committed to stocking a wide range of North American FSC certified temperate hardwoods, to include Tulip and White Oak. For specifications and prices, please contact our sales office.

Images courtesy of the American Hardwood Export Council. www.ahec-europe.org

For symbol explanation see page 4.

Prices available from our Sales Offices. A surcharge may be levied on orders valued £230 or less.

NORTH AMERICAN HARDWOODS

Juglans Nigra BLACK WALNUT

North American FAS 1 FACE SE Kiln dried



The colour varies from a light grey-brown to a chocolate brown to purplish brown, and finishes beautifully with an excellent decorative appearance due to its outstanding grain, colour and pattern. Grain patterns vary from very plain to highly figured.

Uses	Specification	Sizes mm	S/E	K/D	FAS
Widely used for cabinet making, high quality joinery doors and shopfitting.	Average length 8'	Average width 7"	25	50	100
	Range 6' to 15'	Range 4" to 12"	32	63	
			38	75	
		Price Range - ££££			

Small	Excellent	Excellent	Moderate	660 kg/m ³
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American Black Walnut grading varies from other North American species. For full details regarding specifications, please see the AHEC website www.ahec-europe.org or contact John May at john.may@lathams.co.uk

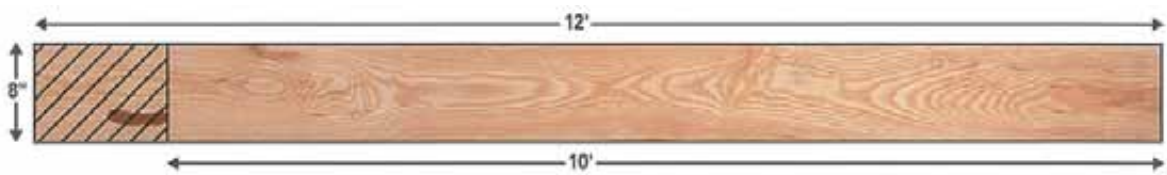
The NHLA grades have been altered for this species because of availability and nature of the timber growth (around 1% of the standing forest resource). The FAS lumber grade allows a 5 inch minimum width and 6 foot minimum length. When steamed, the sapwood, which is not considered a defect, will turn a darker colour to assist blending in the finishing process and is admitted without limit.

We offer American Black Walnut in Super Prime Grade, selected to a very high specification and available exclusively via ourselves.

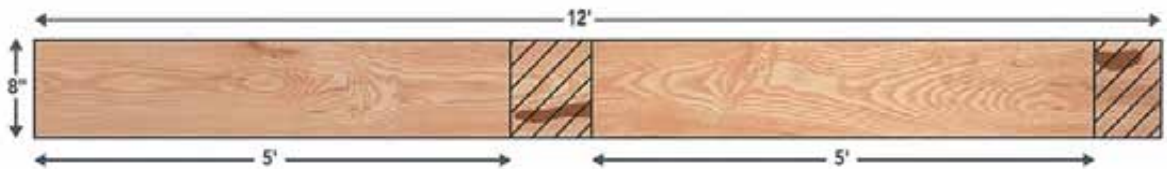
GRADING OF AMERICAN TIMBER

FAS

The FAS grade, which derives from an original grade "First and Seconds", will provide the user with long, clear cuttings – best suited for high quality furniture, interior joinery and solid wood mouldings. The FAS grade includes a range of boards that yield from 83 1/3% (10/12 ths) to 100% clear-wood cuttings over the entire surface of the board. The clear cuttings must be a minimum size of 3" wide by 7' long or 4" wide by 5' long. The number of these cuttings permitted depends on the size of the board with most boards permitting one to two. The minimum width and length will vary, depending on species and whether the board is green or kiln dried. **Both faces of the board must meet the minimum requirement for FAS.**



Note: Minimum yield 83 1/3% clear wood cuttings on the poor face of the board.



FAS One Face (F1F)

This grade is nearly always shipped with FAS. The better face must meet all FAS requirements while the poor face must meet all the requirements of the Number 1 Common grade, thus ensuring the buyer with at least one FAS face. Often export shipments are assembled with an 80-20 mix, 80% being the percentage of FAS boards and 20% being the percentage of the F1F boards. These percentages are strictly left to individual buyer and seller agreement.

Selects

This grade is virtually the same as F1F except for the minimum board size required. Selects allow boards 4" and wider and 6' and longer in length. The Selects grade is generally associated with the northern regions of the USA and is also shipped in combination with the FAS grade.

Often export shipments of the upper grades are simply referred to as FAS. The conventional business practice for American hardwoods is to ship these upper grades in some combination. Working closely with the supplier will enable the buyer to be sure that the expected quality will be received. Whether FAS is combined with F1F (Face And Better) or Selects (Sel And Better) every board in the shipment must have a minimum of one FAS face.

Prime grade: This grade has evolved from the NHLA grade of FAS for the export market. It is square edged and virtually wane free. The minimum clear yield will be select and better with appearance being a major factor. Minimum size of the boards varies, depending on the species, region and supplier.

Comsel grade: This grade has evolved from the NHLA grades of Number 1 Common and Selects. For the export market the minimum clear yield should be Number 1 Common or slightly better with appearance a main factor. Minimum size of the boards varies, depending on the species, region and supplier.

Note: The terms Prime and Comsel are not standard NHLA definitions and therefore fall outside the official range of the NHLA grading rules.

GRADING OF AMERICAN TIMBER

The following show characteristics that occur in US hardwoods. Some are inherent to certain species and others are generic to all. These characteristics either occur naturally in the lumber or as a result of the drying process.

The NHLA grading rules allow the following characteristics in the clear cutting percentages for all grades and they are therefore not considered defects.



HEARTWOOD and SAPWOOD

Heartwood is the mature wood, which is often darker, extending from the sapwood to the pith. Sapwood is the lighter coloured wood growing from inside the bark to the heartwood.



BURL

A swirl or twist in the grain of the wood that does not contain a knot.



GUM STREAKS

Mineral-like streaks of colour naturally occurring only in cherry.



MINERAL STREAKS

Streaks of colour ranging from olive to blackish-brown, which typically follow the grain pattern.



GLASSWORM

Random mineral like tracts. Usually associated with ash.



STICKER MARK

The mark left on the board from a seasoning sticker, which can be removed in the surfacing planing process.

The NHLA grading rules do not allow the following characteristics in the clear cuttings for all grades and they are therefore considered defects.



BARK POCKET

A bark-filled distortion in the grain pattern.



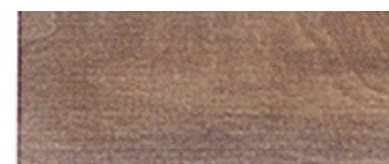
BIRD PECKS

Small blemishes in the grain pattern resulting from birds pecking that sometimes contain ingrown bark. An exception to the rule is hickory and elm.



CHECK

A lengthwise opening on the face of the board resulting from rapid or faulty drying.



DECAY OR ROT

The breaking down of the wood substance by fungi. The discolouration of the sapwood indicates the initial evidence of decay.



UN SOUND KNOT

A circular area that once formed the base of a branch or twig and has a pith centre (in some cases the wood may be missing).



SOUND KNOT

A knot solid across its face, which shows no indication of decay.



SPLIT

A lengthwise separation of the wood created as the wood dries. Shake is a separation between the annual growth rings.



STICKER STAIN

Stain that is typically grey in colour occurring from stickers used to season lumber.



WANE

Bark or the lack of wood caused by the round nature of the tree or log.



WORM HOLES

Holes in the wood ranging in size from 1/16" to over 1/4".



PITH

The small soft core at the structural centre of the tree.



GRUB HOLES

Holes larger than 1/4".

FAR EASTERN HARDWOODS






JELUTONG *Dyera Costulata*

Selects & Better SE Kiln dried



Colour creamy white to straw. It is straight grained and of fine even texture, although latex traces may be found.

Uses	Specification	Sizes mm S/E K/D	
Traditionally a pattern making timber, it is also used for carving, interior joinery and fittings. Not suitable for external purposes.	Average length 12'	25	75
	Range 8' to 15'	38	
	Average width 7"	50	
		Price Range - ££	

 Small	 Good	 Good	 Non-durable	 460 kg/m ³
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MERANTI *Shorea Spp*

Selects & Better Dark red SE Kiln dried



Colour medium to dark reddish brown with white Dammar or resin streaks. Fairly coarse texture with an interlocked grain. Works fairly easily and gives a good finish.

Uses	Specification	Sizes mm S/E K/D		
General joinery and constructional work, boat building as well as shopfitting and furniture, Parquet Flooring.	Average length 10'	25	38	100
	Range 6' to 18'	23 x 225	50	
	Average width 8"	32	63	
	Range 6" to 12"	32 x 225	75	
		Price Range - ££		

 Small	 Good	 Poor	 Moderate	 670 kg/m ³
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Machined Meranti P.A.R.	Window Board with bullnose and rebate			
45mm x 70mm 45mm x 95mm	26mm x 170mm	26mm x 245mm	26mm x 220mm	






NEW
PRODUCT

See page 25 for FSC Meranti laminated timber sections.

AFRICAN HARDWOODS

Cedrela Odorata CEDAR

Plantation grown and bears a resemblance to the softer grade of Mahogany, with a variation in colour from pale pinkish-brown to dark reddish-brown. Straight grain with texture moderately coarse.






Uses	Specification	Sizes mm S/E K/D		
Cigar boxes, organ sound boards, racing boats & canoes, and internal joinery.	Average length 2.1m	25	50	
	Range 1.8 - 4.8m	63	75	
Average width 150mm to 250mm		Price Range - £££		
 Small	 Good	 Good	 Durable	 480 kg/m ³

Terminalia Ivorensis (also known as Emeri in Ghana or Framire on the Ivory Coast) IDIGBO

FAS SE Kiln Dried



Colour is yellow to light brown. The grain is straight to slightly irregular with a medium to fairly coarse texture. The timber works well by both machine and hand tools and finishes cleanly. An excellent utility timber for many purposes due to its medium weight, ease of working, durability and outstanding stability.






Uses	Specification	Sizes mm S/E K/D FAS		
Furniture and high class joinery both internally and externally. It is also suitable for domestic flooring and mouldings.	Average length 3m	25	50	100
	Range 1.8 - 4.5m	32	63	
	Average width 200mm	38	75	
Range 150mm to 300mm		Price Range - £		
 Medium	 Medium	 Good	 Durable	 540 kg/m ³

Chlorophora Excelsa IROKO

FAS SE Kiln Dried & Air Dried



Colour varies from light yellow to golden brown and texture is coarse, often with an interlocked grain. Works moderately easily with some dulling effect on tools and so a cutting angle of 150 is recommended. Available in air-dried dimension stock for external construction work. This is a hardwearing timber which is resistant to decay. Has many of the desirable features of Teak.

Uses	Specification	Sizes mm S/E K/D FAS		
Wide use for joinery, particularly in school/institutional buildings, and very suitable for laboratory and kitchen fittings. Boat building piling and marine work.	Average length 2.7m	25	50	100
	Range 1.8 - 4.8m	32	63	
	Average width 225mm	38	75	
Range 100mm to 350mm		Price Range - ££		
 Small	 Medium	 Poor	 Very Durable	 660 kg/m ³








FSC Good stocks of FSC Iroko are now available.

AFRICAN HARDWOODS

KOTO *Pterygota*



A creamy white hardwood with a coarse texture, similar to Ramin.






Uses	Specification	Sizes mm	S/E	K/D	FAS
Suitable for interior joinery, furniture manufacture and mouldings.	Average length 2.7m Range 1.8 - 5.4m Average width 225mm Range 100mm to 350mm	25			
		38			
		50			
		Price Range - £			
 Medium	 Good	 Good	 Non-durable	 660-800 kg/m ³	



MOVINGUI *Distemonanthus Benthamianus* (also known as Ayan)



Colour yellow to yellowish brown. Medium texture, slightly interlocked grain to interlocked grain, works similar to Iroko. A moderately heavy timber having good dimensional stability and suitable for many of the purposes for which oak is used. Contains a yellow dye-stuff which is liable to leach or stain under certain conditions.






Uses	Specification	Sizes mm	S/E	K/D	FAS
A useful joinery timber for door frames, windows and sills, also suitable for cabinet work.	25mm to 75mm x 150mm & wider allowing 15% down to 100mm x 2.1m or longer.	25	38	63	100
		32	50	75	
		Price Range - ££			
 Small	 Medium	 Poor	 Moderately durable	 670 kg/m ³	

OBEICHE *Triplochiton Scleroxylon*

Selects & Better SE Kiln Dried



Colour nearly white to pale straw. Of fine even texture, although the grain can be interlocked, it works very easily. Also available as Ayous logs.

Uses	Specification	Sizes mm	S/E	K/D	FAS
Woodwork, interior joinery, furniture.	Average length 2.7m Range 1.8 - 4.8m Average width 225mm Range 100mm to 350mm	25	50	100	
		32	63		
		38	75		
		Price Range - £			
 Small	 Good	 Poor	 Non-durable	 380 kg/m ³	

AFRICAN HARDWOODS

Pterocarpus Soyauxii **PADOUK**

Colour, vivid red toning down to dark purple-brown, this extremely stable timber has an attractive appearance together with high strength properties. A lustrous timber of outstanding appearance.

Uses	Specification	Sizes mm	S/E	K/D	FAS
High class joinery, fancy turnery, and ideal for carving. Excellent for exterior joinery and flooring.	50/63/75mm x 150mm & wider allowing 15% down to 100mm x 2.1m and longer.	50			
		63			
		75			
		Price Range - £££			

 Small	 Medium	 Good	 Very durable	 770 kg/m ³
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


Entandropbragma Cylindricum **SAPELE**

FAS SE Kiln Dried



Colour dark reddish brown. Grain is interlocked or wavy with a medium to fine texture. It works fairly easily. Available in log form, which when quarter sawn produces the familiar stripey figure. SGS stocks available.

Uses	Specification	Sizes mm	S/E	K/D	FAS
Furniture, shopfitting, general joinery and flooring.	Average length 2.7m Range 1.8m - 5.4m Average width 225mm Range 100mm to 350mm	25	50		100
		32			63
		38			75
		Price Range - ££			

 Medium	 Medium	 Good	 Moderate	 620 kg/m ³
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FSC Good stocks of FSC Sapele are now available.

Entandropbragma utile **UTILE**

FAS SE Kiln Dried



Colour fairly uniform reddish or purplish brown. Grain is interlocked and rather irregular. The stripe figure of square sawn is less marked than in Sapele and the texture more open owing to the larger size of the pores. Strength is comparable to European Beech.

Uses	Specification	Sizes mm	S/E	K/D	FAS
Suitable for high quality joinery, cabinet work and furniture, boat building.	Average length 2.7m Range 1.8 - 5.4m Average width 225mm Range 100mm to 350mm	25	50		
		32			63
		38			100
		Price Range - £££			

 Medium	 Good	 Good	 Durable	 660 kg/m ³
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FSC Good stocks of FSC Utile are now available.

AFRICAN HARDWOODS

WENGE *Millettia Laurentii*



Dark brown, almost black, sapwood yellowish white, straight grained and of rather coarse texture.

Uses	Specification	Sizes mm	S/E K/D FAS	
Very suitable for flooring and high quality joinery, increasingly used for high quality kitchen and cabinet work.	Average length 2.7m Range 1.8 - 4.8m Average width 225mm	25	50	100
		32	63	
		38	75	
		Price Range - ££		

 Small	 Poor	 Poor	 Very Durable	 830-1000 kg/m ³
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



WEST AFRICAN MAHOGANY *Khaya spp*

ISE/IWE or T&T



Colour deep rich mahogany red. Pronounced stripe figure, grain regularly interlocked.

Uses	Grades	Sizes mm	ISE/IWE or T&T	
Furniture, interior and exterior joinery, boat building and cabinet work.	FAS	25	38	63
		32	50	75
		Price Range - ££		

 Small	 Medium	 Good	 Moderate	 530 kg/m ³
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ZEBRANO *Microberlinia Brazzavillensis/Bisulcata*



Pale yellow brown wood, with thin and numerous dark brown veins. Limited supplies available.

Uses	Specification	Sizes mm	
High class joinery and shopfitting. Will match veneered boards.	Average length 2.4m Range 150mm to 300mm Average width 125mm to 250mm	26	40 52
		Price Range - ££££	

 Medium	 Poor	 Good	 Moderate to Durable	 1100-1200 kg/m ³
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SOUTH AMERICAN HARDWOODS

Swietenia Macrophylla BRAZILIAN MAHOGANY



CITES listed but available with CITES certificate. Colour varies from reddish brown to deep reddish brown. Medium textured, the grain is straight to interlocked. Works easily if tools are kept sharp and polishes to a fine finish. Available in wide boards (450mm & up). Suitable for exterior woodwork.

Uses	Specification	Sizes mm	S/E	K/D	FAS
A comparatively expensive timber it is used for high class woodwork of every description. Its superb finish and great reliability make it especially suitable for precision woodwork & high quality furniture.	Average length 8'	25	50	100	
	Range 6' to 18'	32	63		
	Average width 8" Range 6" to 24"	38	75		
	Shorts available POA	Price Range - ££££			

Small	Good	Good	Durable	560 kg/m ³
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For symbol explanation see page 4.
Prices available from our Sales Offices. A surcharge may be levied on orders valued £230 or less.



James Latham...

suppliers of quality Timber Decking,
the iDECK® range



Originally designed to provide anti-slip surfaces for marine decking, exterior decking has proved to be the ideal flooring for a great diversity of commercial, industrial and residential uses including:

- Piers, promenades and marine walkways
- Public terraces, pavements and stairs
- Residential garden patios and pathways

iDeck® is a natural timber product which brings the warmth and beauty of nature to almost any outdoor area. Be it a restaurant terrace, a garden patio or a luxury development, iDeck® can transform the most unwelcoming space into a relaxing haven, at one with nature and environment.

The best raw materials nature has to offer are used to create iDeck®, which is second-to-none in terms of quality, performance and style. Because iDeck® is of such high quality it provides years of trouble-free enjoyment, earning iDeck® a reputation for being one of the most reliable and durable products on the market. iDeck® is a firm favourite with designers and architects, as the luxury quality of the products are perfect for prestigious architectural and landscape developments.

iDeck® is made from a very durable, knot free hardwood called **Bangkirai** or **Yellow Balau**, it needs no chemical preservatives and has a built in natural resistance to fungal decay and insect attack. **Verified Legal Bangkirai** is available from stock. **FSC Massaranduba** will also be available during the course of the year.

iDECK





Left image © DLH Hardwood
This image © B. Classens

Available in four standard sizes, three thicknesses and in a range of lengths to suit all users it is the perfect answer to stylish, anti-slip decking, whether for use on large commercial/ industrial projects or by the dedicated home enthusiast.

Section	size mm	Section	size mm
Reeded	19 x 90/95	Anti-Slip & Reversible	21/28 x 145

Accessories

45 x 45 and 50 x 50 Bearers, 4 corners rounded off.

Now available

iCLIP® – Ipe hardwood with invisible polypropylene clips and stainless steel screws. Available as reeded or smooth.

iDECK® by **TWINSON®** – Manufactured using 50% PVC and 50% wood dust. Supplied as reeded or smooth.

SafeGrip® – iDeck® hardwood with a combination of 2 polyurethane components mixed with a layer of quartz sand for bridges, walkways and playgrounds.

Our commitment to the environment

It is in our interest to ensure that the world's forests are well managed in order to produce wood for future generations. From purchasing raw materials to product development, our aim is to have the least possible impact on the environment.

Visit our website for more detailed information on our environmental policy www.lathamtimber.co.uk

EUROPEAN HARDWOODS

ELM *Ulmus Spp*



Heartwood is dull to reddish brown with a yellowish white clearly defined sapwood. Coarse textured with a wild to straight grain, given careful drying and machining an excellent finish can be obtained.

Uses	Specification	Price Range - £££
Cabinet making, interior joinery, flooring, boat building and marine work.	Imperial measure Air or Kiln dried, available in thicknesses of 1" - 4", with boards and planks sawn through and through/one square edge, in lengths of 8' and longer and widths of 6" and wider.	



EUROPEAN BEECH *Fagus Sylvatica*



Colour whitish or pale brown, if steamed then a reddish brown hue. Works fairly readily and gives a good finish. It can move in response to atmospheric changes so, together with its low resistance to decay, renders it unsuitable for exterior joinery. If steamed the colour changes to pink or light red.

Uses	European Beech Prime Steamed K/D	
	Specification - longs	Sizes mm
Traditionally the most popular timber for furniture components, especially in the manufacture of chairs and tables. It is widely used for turnery and small mouldings as well as flooring.	Average length 2.4m	25mm 60mm
	Range 1.8m to 3m	32mm 70mm
	Average width 200mm	38mm 80mm
	Range 150mm to 250mm	50mm
		Price Range - £££

European Beech Prime S/E Unsteamed K/D				
Specification	Sizes mm			
Average length 3m	Average width 150mm+	26mm	38mm	63mm
Range 1.8m to 4.2m	Range 100mm to 250mm	32mm	50mm	80mm

Larger lengths available for banks, hotel and hospital doors/frames, counter lengths.

 Large	 Good	 Good	 Perishable	 720 kg/m ³
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COLOUR NO DEFECT BEECH *Fagus Sylvatica*



Colour whitish or pale brown. Works fairly readily and gives a good finish. It can move in response to atmosphere changes so, together with its low resistance to decay, it is unsuitable for exterior joinery.

Uses	Specification	Sizes mm	S/E K/D
Internal joinery, painted items, door linings, casings, skirtings, architraves.	Average length 2.4m	26	38 65
	Range 2.1 - 3.0m	32	52 80
	Average width 175mm		
	Range 100mm/200mm		
		Price Range - ££	

 Large	 Good	 Good	 Perishable	 720 kg/m ³
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We also supply exotic hardwoods to order:

- European Cherry
- European Steamed Apple
- European Steamed Pear
- European Dark Brown Steamed Walnut

EUROPEAN HARDWOODS

Quercus robur/Quercus petraea EUROPEAN OAK

T&T KD 1st Quality



Colour light tan to biscuit with silver grey figure on quarter-sawn. Usually straight grained but varies with growing conditions. This is an increasingly popular timber with interior designers and shopfitters. Moderately durable.

Uses	Specification	Price Range - ££££
Furniture and cabinet work, Interior and Exterior joinery. Ideal for tight cooperage for cognac, ecclesiastical work, flooring, veneers, and shopfitting.	Prime Quality Square Edged.	



Quercus Robur ENGLISH OAK



The sapwood is creamy white and is sharply defined from the golden, warm-brown of the heartwood. Radial sawn material shows the characteristic silver grain figure. The timber is hard, heavy and durable. Coarse in texture and straight grained, requiring careful seasoning, it can be worked to a fine finish. Indigenous to the British Isles, it is probably the best known and one of the most useful of all timbers, being used more extensively and for a greater number of purposes than any other. French Oak is also available within the Group.

Uses	Specification UK	Price Range - ££££
Interior and exterior joinery, heavy construction, boat and vehicle building, furniture, flooring and fencing.	Imperial measure Air or Kiln dried, available in thicknesses of 1" - 6", with boards and planks mainly one square edge, in lengths of 8' and longer and widths of 6" and wider.	

Castanea Sativa SWEET CHESTNUT



Strongly resembles plain sawn oak, having a yellowish brown sapwood and darker brown heartwood, but no obvious medullary rays. It is straight grained and fairly coarse in texture. It is easy to work and gives an excellent finish.

Uses	Specification	Price Range - £££
Cabinet work, furniture manufacture, both internal and external joinery, flooring and boat building.	Imperial measure Air or Kiln dried, available in thicknesses of 1" - 4", with boards and planks sawn through and through/one square edge, in lengths of 8' and longer and widths of 6" and wider.	

EUROPEAN HARDWOODS

SYCAMORE *Acer Pseudoplatanus*



Colour white to creamy white with a silky lustre, which tends to darken to a pale golden brown. There is no distinction between the heartwood and the sapwood. It has a straight grain with a fine uniform texture and is hard, but not durable. It works easily to give an excellent smooth finish.

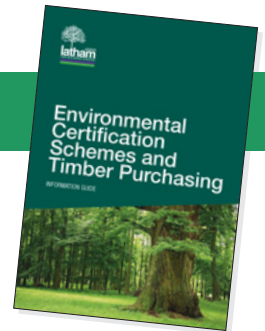
Uses	Specification UK	Price Range - £££
Cabinet making, furniture manufacture, good quality joinery work, turnery and kitchen utensils.	Imperial measure End raked and Kiln dried, available in thicknesses of 1" - 4", with boards and planks sawn through and through/one square edge, in lengths of 6' and longer and widths of 6" and wider.	
Uses	Specification European	
	Metric Measure 1" - 2" thickness	

CONSTRUCTION GRADE HARDWOODS

Square edge construction grade Opepe, Ekki and Greenheart, ideal for bridges, piers, jettys and groynes. Available cut to size, from 50 x 50mm up to 400 x 400mm or more and lengths up to 12 metres.

ENVIRONMENTAL CERTIFICATION SCHEMES AND TIMBER PURCHASING BROCHURE

Available on request, our James Latham Environmental Certification Schemes and Timber Purchasing brochure.



NORTH AMERICAN & CANADIAN SOFTWOODS






CLEAR DOUGLAS FIR *Pseudotsuga menziesii (Ptaxifolia)*

No 2 and 3 Clear and Better Kiln dried 8' and longer

Also known as British Columbian Pine and Oregon Pine, the heartwood is a light reddish-brown shade, which distinguishes itself from the pale-coloured sapwood. Clear timber or baulks of large dimension in long lengths.



Uses	Specification		
Construction work, flooring, boat building, gymnastics equipment, furniture, internal & external joinery.	1" x 6" & wider	2" x 4" vertical grain	Air Dried 6" x 6"
	1½" x 6" & wider	2" x 5" vertical grain	
	2" x 6" & wider	2" x 6" vertical grain	
	2½" x 6" & wider	2" x 8" vertical grain	
	3" x 6" & wider	2½" x 5" vertical grain	
	4" x 6" & wider	2½" x 6" vertical grain	

 Small	 Good	 Good	 Moderate	 530 kg/m ³
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HONDURAS PITCH PINE *Pinus Caribaea*

Honduras Pitch Pine Prime & Better KD SE

Yellowish to reddish brown heartwood with small bands of sapwood which is lighter in colour. Distinct contrast between earlywood and latewood bands giving flame figure on flat sawn board. A heavy and hard softwood with high strength which is traditionally used for church furnishings.



Uses	Specification	Sizes
Flooring, boat building, spars, masts, general furniture, door stock, cabinet making, exterior joinery and decking.	Average length 12'	1/1½"
	Range 8' to 18'	2"
	Average width 8"	3
	Range 6" to 14", 1" - 4"	4

 Small	 Moderate	 Good	 Moderate	 670 kg/m ³
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WESTERN RED CEDAR *Thuja Plicata*






No 2 Clear and Better 8' and longer

The heartwood is a reddish-brown shade, which distinguishes itself from the narrow white sapwood. Pleasantly scented, it is popular for interior furniture use. Lightweight and easy to handle.



Uses	Sizes	
Light-weight construction work, internal & external joinery, timber weather boarding, beehives, summer houses, conservatories, clear shingles for roofing.	2" x 4"	3" x 6" & wider
	2" x 6"	4" x 6" & wider
	2" x 8"	6" x 6"
	TGV ¾" x 4"	Shiplap 7/8" x 5"

Shingles	
No 1 Fivex Blue label untreated	(bundle 25ft sq) average cover
No 1 Fivex Blue label CCA treated	(bundle 25ft sq) average cover
16" Cappings Blue label untreated	(20 pieces per bundle)
16" Cappings Blue label CCA treated	(20 pieces per bundle)

 Small	 Good	 Good	 Durable	 370 kg/m ³
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



NORTH AMERICAN & CANADIAN SOFTWOODS

Pinus Strobus QUEBEC YELLOW PINE

Kiln Dried 10% – 12% Average

Also known as Eastern White Pine, the heartwood is a pale straw colour to light reddish-brown shade, usually little darker than the whitish sapwood. It is a soft, straight-grained and very even textured wood with inconspicuous growth rings. Second-growth timber is of a coarser texture and tends to be knotty. This is a highly stable timber with very low shrinkage, although it can pick up and give off moisture.








Uses		Specification			
Cabinet making, interior joinery, pattern stock.		Normal 6' to 16' lengths and 8", 10" and 12" widths. Centre graded as 3rds or 4ths.			
Sizes					
1" x 8"	1 1/4" x 10"	1 1/2" x 8"	2" x 10"		
1" x 10"	1 1/4" x 12"	1 1/2" x 10"	2" x 12"		
1" x 12"	3" x 8"	1 1/2" x 12"	3" x 10"		
1 1/4" x 8"	3" x 12"	2" x 8"	4" x 4"		
 Small	 Excellent	 Good	 Non-durable	 390 kg/m ³	

Pinus Palustris & Pinus Elliotti SOUTHERN YELLOW PINE

Kiln dried 2.4 & longer

The heartwood is yellowish-brown to reddish-brown, generally resinous, which distinguishes itself from the light coloured sapwood. Southern Yellow Pine is typically harder and heavier than their commercial species of pine and is almost identical in strength properties with Douglas Fir.



Uses		Specification			
Furniture, panelling staircases, bench seating, interior & exterior joinery, boat building, flooring, construction, spars, masts, lorry work, outdoor and in ground work.		1" x 10"	1 1/4" x 12"	2" x 12"	
		1" x 12"	1 1/2" x 10"	3" x 12"	
		1 1/4" x 10"	1 1/2" x 12"	4" x 8"	
 Small	 Good	 Good	 Moderate	 660 kg/m ³	

Douglas Fir and Western Red Cedar can be supplied as CSA certified.

Also available from stock, KD Hemlock Clear & Better CSA certified. 50 x 100/125 vertical grain and 100 x 100mm.

For more information, please contact our marketing department on 0116 257 3415 or email marketing@lathams.co.uk

EUROPEAN SOFTWOODS








REDWOOD *Pinus sylvestris*

Marks include , , , , , , , 



Sourced from Scandinavia and Russia, known also as Pine and Scot's Pine, its colour is pale yellowish-brown to red-brown heartwood with lighter-coloured sapwood.

Uses	Specification	Price Range - £££
Interior joinery, furniture and construction.	Lengths 1.8m - 5.1m	
 Medium	 Medium	 Good
	 Non-durable	 510 kg/m ³

Sawfelling Redwood

Specification	Specifications					
4.2m - 5.1m	38 x 175	38 x 138	38 x 115	32 x 175	32 x 138	32 x 115
Lengths	38 x 150	38 x 125	38 x 100	32 x 150	32 x 125	32 x 100

Also available from stock, Redwood Green Split Centre Free. WISA® + P PEFC certified.








WHITEWOOD *Pinus abies and Abies alba*

Sawfelling Finnish



Sourced from Scandinavia and Russia, commonly known as White deal, common or Norway Spruce, its colour is white to pale yellowish-brown heartwood with a natural lustre.

Uses	Sawn Whitewood Dimensions		Planed Whitewood Dimensions
Furniture, Interior joinery, flooring construction and packaging.	50 x 250mm	32 x 250mm	38 x 275mm
	38 x 275mm	25 x 275mm	32 x 275mm
	38 x 250mm	25 x 250mm	32 x 250mm
	32 x 275mm	25 x 225mm	25 x 275mm
 Medium	 Good	 Good	 Non-durable
			 47C kg/m ³

LAMINATED PINE PANELS

FURNITURE GRADE LAMINATED PINE PANELS

A/B Grade, K/D 10/12%, Sanded 120 Grit. All prices on application.

6mm x 900mm x 1800mm	18mm x 450mm x 2950mm	18mm x 630mm x 2950mm
12mm x 585mm x 2350mm	18mm x 495mm x 2950mm	22mm x 585mm x 2950mm
12mm x 630mm x 2350mm	18mm x 585mm x 2950mm	

Since 1950 the perfect union between **specialization and commodities management**, makes FLORIAN GROUP the **world leader** company in the wood market.

Florian EURO OAK production is squared edged after kd and available from 22mm to 100mm thickness.

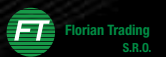
Other species available AMERICAN WALNUT, EURO ASH, STEAMED & UNSTEAMED BEECH



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comes from the heart



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MODIFIED WOOD

**NEW
PRODUCT**

ACCOYA® WOOD Acetylated Softwood



Accoya® wood is a modified wood. Manufactured using a non-toxic treatment and timber sourced from sustainable forests, Accoya® wood has properties that match those of the best tropical hardwoods.

Uses

All exterior applications including windows, doors, decking, cladding. Accoya® wood's high strength to weight ratio also makes it suitable for challenging external applications, such as road traffic bridges.



Specification

A1 Grade FSC	25 x 100mm 38 x 150mm	25 x 150mm 50 x 150mm	25 x 200mm 63 x 150mm	32 x 150mm
A1 Grade Finger Jointed FSC	50 x 100mm 63 x 125mm 75 x 125mm	50 x 150mm 63 x 150mm 75 x 150mm	63 x 75mm 75 x 75mm	63 x 100mm 75 x 100mm

Finger Jointed lengths are 6.0m

Please note, other grades of Accoya can also be offered ex stock.

Soon to be available: Laminated Accoya.

For further information on Accoya, please visit our new website www.lathams-accoya.co.uk



STELLAC® WOOD Heat Treated Finnish Redwood



25 x 150 PSE, 25 x 150 Shiplap, 25 x 100 Matchboard. All nominal sizes.

The Stellac plant in Finland has the Norppa eco-label for using environmentally friendly power generated from sawmill waste products.

Stellac is 100% natural, with no added chemicals or preservatives.

Stellac Wood carries a 10-year guarantee against rot in situ for many applications. Benefits include reduced shrinkage or swelling plus stability and durability. Also available to order in Whitewood and Chilean Radiata Pine. Other sections also to order.

Literature and samples available from our sales office or marketing department.

Contact our Yate sales office for prices and availability. See back cover for contact details.

**NEW
PRODUCT**

S/E THERMO TREATED ASH PRIME GRADE FSC CERTIFIED



This product carries a 20 year guarantee for durability and stability.

Uses

Ideal for decking and boatbuilding. Suitable for interior and exterior design.

Specification

Thickness:	25, 32, 38, and 50mm
Widths:	100 to 200mm in either fixed or random width
Lengths:	1.8 to 3.6m packaged to length

the possibilities are endless



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the world's leading high technology wood

Naturally beautiful and adaptable, Accoya® wood has incredible dimensional stability, durability and UV resistance, resulting in long-lasting high performance for applications - even in wet environments such as the windows for the Belle Tout lighthouse at Beachy Head. Made from sustainably sourced wood and completely non-toxic, Accoya® wood is stable and exceptionally easy to maintain, saving both environmental and financial costs.



Class 1 Durability

Accoya® is a world-leading high performance wood that delivers creative, sustainable solutions and outperforms all hardwoods and softwoods



Exceptional Dimensional Stability

Accoya® is ideal for applications such as windows and doors. With virtually no swelling or shrinkage, Accoya® results in less snagging and re-working, and dramatically improves the life of coatings



Consistent Quality Throughout

Unlike other wood treatments, the acetylation process transforms the wood at molecular level, creating a wood that is modified from surface to core and can be exposed on any plane



Machinability

Accoya® is easier to machine than standard hardwoods and softwoods and requires no special tooling, creating an easy to use wood for product manufacturers and end users



Natural Strength & Beauty

Accoya® retains all of the natural qualities and beauty of wood, whilst its outstanding resistance to the effects of UV degradation enables the wood's natural appearance to be retained for longer



100% Non-Toxic

Accoya® is completely non-toxic and protects the environment from the harmful effects of poisons leaching into the earth, therefore making it the perfect choice for a huge range of applications



100% Recyclable & Naturally Renewable

To protect our environment, Accoya® is FSC accredited and uses sustainably sourced softwood and just like unmodified wood, Accoya® can be reused and is 100% recyclable

accoya® 



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CLADDING/FURTHER PROCESSING


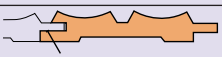

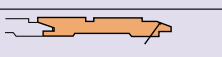

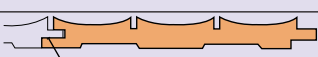
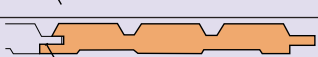

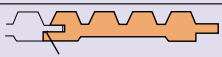
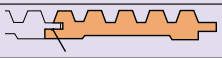



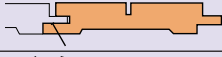

At all our timber sites we are able to offer further processing of the raw timber. James Latham have been involved in many unique projects where the knowledge and professionalism of the timber teams has been used to great effect.


CLADDING

Timbers can be supplied to profile, the cost dependent on quantity and the complexity of the moulding. Most profiles can be ready within 7 to 10 days from order. Mouldings can be matched if you have a sample, or produced from a detailed drawing.

Over the years, Lathams have developed a unique range of claddings which are referred to as Lathamclad, several of these are now available ex stock in Cedar, Larch and Accoya. Lathamclad profiles using hardwood would all be made to customer order.

STANDARD SECTIONS

Profile	Nominal size (mm)	Laid width (mm)	Finished thickness (mm)	Metre run per m ² laid
A 	19 x 75	55	15	18.18
	19 x 100	80	15	12.50
	19 x 150	130	15	7.69
	25 x 75	55	20	18.18
	25 x 100	80	20	12.50
	25 x 150	130	20	7.69
B 	19 x 100	80	15	12.50
C 	19 x 75	55	15	18.18
	19 x 100	80	15	12.50
	19 x 150	130	15	7.69
	25 x 75	55	20	18.18
	25 x 100	80	20	12.50
	25 x 150	130	20	7.69
D 	13 x 75	60	9.5	16.66
E 	19 x 75	55	15	18.18
	19 x 100	80	15	12.50
	19 x 150	130	15	7.69
	25 x 75	55	20	18.18
	25 x 100	80	20	12.50
	25 x 150	130	20	7.69
F 	19 x 100	80	15	12.50
	19 x 150	130	15	7.69
G 	19 x 150	130	15	7.69
H 	19 x 100	80	15	12.50
	19 x 150	130	15	7.69
	25 x 100	80	20	12.50
	25 x 150	130	20	7.69
J 	19 x 100	80	15	12.50
K 	19 x 100	80	15	12.50
L 	25 x 100	80	20	12.50
M 	25 x 100	80	20	12.50
N 	25 x 100	80	20	12.50
O 	19 x 100	80	15	12.50
P 	19 x 100	80	15	12.50

 This denotes most suitable pinning for fixing. Illustrations are not to scale.

Lathamclad is usually supplied in random lengths, but can be cross-cut to exact lengths within the limits of the timber selected. Above these limits, and for large areas, the random lengths can be end matched.

CLADDING/FURTHER PROCESSING

MACHINING

Lathamclad is designed for use as wall and ceiling panelling, fascias, counter fronts, bank and shopfittings. All species offered are suitable for interior application. Timbers such as Cedar, Larch and Accoya can be used externally for cladding, curtain walling, canopy soffits, etc.

Composition and manufacture – Natural solid timber, kiln dried to specification and machined to profile. Profiles A, C, D, E, G, H and O are machine-sanded during manufacture, other profiles should be sanded after fixing. End matching and cross-cutting to exact lengths can be carried out at extra cost.

Storage – Care should be taken when Lathamclad is stored before fixing. It is essential that it is piled flat in a dry undercover store and, where possible, in conditions of temperature and humidity similar to those in its intended location.

Fixing – Lathamclad is designed for secret fixing as indicated and is normally pinned to battens or joists. Fixing pins should be rustproof and their lengths should be at least twice the thickness of the board. Supports should be at centres in accordance with normal building practice. Lathamclad should not be fixed to new brickwork, etc, until it is thoroughly dry and all heating tests have been completed. It is good practice to seal the reverse of the boards to prevent the absorption of moisture.

Surface Treatment – Lathamclad will accept most good quality, proprietary wood finishes, which should be applied according to the maker's directions. Sections showing a flat face profile are sanded ready for polishing at no extra charge.

Maintenance – Lathamclad requires the minimum of maintenance when used for internal applications. External surfaces should be revarnished every 1 to 2 years or treated with water-repellent preservative stain every 2 to 4 years, depending on the type of timber. For such products as Accoya, please contact your nearest depot for information on surface finishes.

Trims, skirting, architraves, handrails and flooring can be supplied in similar or contrasting timber.

COMPONENTS

At some of our sites we have been able to source and supply timber components for our customers. This can be anything from a rough sawn strip to a fully machined section cut to shape and pre-drilled. We would welcome the opportunity to work with you on any components you require.

TREATMENT PROCESSES

At all our timber sites we can arrange for timber to be treated for durability, depending on the specie, which will determine what treatment is required. Internal and external treatments can be offered.

Timber can also be fire treated to either Class 1 or Class 0. It is important to consider the final finish of the timber and be aware that the treatment can often darken the appearance of the timber. Treatment can often take up to 4/6 weeks from date of order. More accurate times can be given when an enquiry is made.

KILN DRYING

Most timbers will come in pre-kiln dried, mostly at average moisture content of 12/14%. However, if you require further kilning to a lower moisture content this can be organised, dependent on quantity and the availability of kiln space.

METRIC CONVERSION TABLE

Running Metres in a Cubic Metre (Equivalent Running Feet In Brackets)

Thickness	300mm (12")	275mm (11")	250mm (10")	225mm (9")	200mm (8")	175mm (7")	150mm (6")	140mm (5½")	138mm (5½")	125mm (5")	115mm (4½")	100mm (4")	75mm (3")
100mm (4")	33.33 (109)	36.36 (119)	40.00 (131)	44.14 (146)	50.00 (164)	57.14 (187)	66.67 (219)	71.43 (234)	72.46 (238)	80.00 (262)	86.96 (285)	100.00 (328)	133.33 (437)
75mm (3")	44.44 (146)	48.48 (159)	53.33 (175)	59.26 (194)	66.67 (219)	76.19 (250)	88.89 (292)	95.24 (312)	96.62 (317)	106.67 (350)	115.94 (380)	133.33 (437)	177.78 (583)
63mm (2½")	52.91 (174)	57.72 (189)	63.49 (208)	70.55 (231)	79.39 (260)	90.70 (298)	105.82 (347)	113.38 (372)	115.02 (377)	126.98 (417)	138.03 (453)	158.72 (521)	211.64 (694)
50mm (2")	66.67 (219)	72.73 (239)	80.00 (262)	88.89 (292)	100.00 (328)	114.29 (375)	133.33 (437)	142.86 (469)	144.93 (475)	160.00 (525)	173.91 (571)	200.00 (656)	266.67 (875)
47mm (1¾")	70.92 (233)	77.37 (254)	85.11 (279)	94.56 (310)	106.38 (349)	121.58 (399)	141.84 (485)	151.98 (499)	154.18 (506)	170.21 (558)	185.01 (607)	212.77 (698)	283.69 (931)
44mm (1¾")	75.76 (249)	82.64 (271)	90.91 (298)	101.01 (331)	113.64 (373)	129.87 (426)	151.52 (497)	162.34 (533)	164.69 (540)	181.82 (597)	197.63 (648)	227.27 (746)	303.03 (994)
38mm (1½")	87.72 (288)	95.69 (314)	105.26 (345)	116.96 (384)	131.58 (432)	150.38 (493)	175.44 (576)	187.97 (617)	190.69 (626)	210.53 (691)	228.83 (751)	263.16 (863)	350.88 (1151)
35mm (1½")	95.24 (312)	103.90 (341)	114.29 (375)	126.98 (417)	142.86 (469)	163.27 (536)	190.48 (625)	204.08 (670)	207.04 (679)	228.57 (750)	248.45 (815)	285.71 (937)	380.95 (1250)
32mm (1¼")	104.17 (342)	113.64 (373)	125.00 (410)	138.89 (456)	156.25 (513)	178.57 (586)	208.33 (683)	223.21 (732)	226.45 (743)	250.00 (820)	271.74 (892)	312.50 (1025)	416.67 (1367)
25mm (1")	133.33 (437)	145.45 (477)	160.00 (525)	177.78 (583)	200.00 (656)	228.57 (750)	266.67 (875)	285.71 (937)	289.86 (951)	320.00 (1050)	347.83 (1141)	400.00 (1312)	533.33 (1750)
22mm (¾")	151.51 (497)	165.29 (542)	181.82 (597)	202.02 (663)	227.27 (746)	259.74 (852)	303.03 (994)	324.68 (1065)	329.38 (1081)	363.64 (1193)	395.26 (1297)	454.55 (1491)	606.06 (1988)
19mm (¾")	175.44 (576)	191.39 (628)	210.53 (691)	233.92 (767)	263.16 (863)	300.75 (987)	350.88 (1151)	375.94 (1233)	381.39 (1251)	421.05 (1381)	457.67 (1502)	526.32 (1727)	701.75 (2302)
16mm (⅝")	208.33 (683)	227.27 (746)	250.00 (820)	277.78 (911)	312.50 (1025)	357.14 (1172)	416.67 (1367)	446.43 (1485)	452.90 (1486)	500.00 (1640)	543.48 (1783)	625.00 (2051)	833.33 (2734)