

FROM THE FOREST TO THE
FACTORY FLOOR



MAKING THE MOST OF WOOD

Total solutions by
International Timber

International Timber is the UK's leading importer and distributor of sustainable hardwood, softwood, panel and clear softwood products. Offering a vast array of species and finished products, supported by a comprehensive portfolio of related services, International Timber has built up a sector-focused business structured around the identified needs of our customers.

Part of STARK Building Materials UK Limited, International Timber has the resources to invest continuously in facilities, stock and advanced production equipment. All International Timber sites in the UK are ISO 9008, ISO14001, ISO 45001, FSC® and PEFC™ certified, and operate to the strictest environmental policy guidelines including Chain of Custody certification.



INTERNATIONAL TIMBER ACROSS THE UK

Operating from four strategically located sites across the UK, International Timber guarantees a robust and reliable supply chain, providing fast and responsive customer service encompassing far more than just stockholding and distribution.

We are technical timber specialists, providing our customers with total solutions from sawing to machining, lacquering and treating, all managed to precise individual specifications and quality standards.



WORKING WITH WOOD

Timber is increasingly seen as the popular construction material for the future. It's the only true environmental product, offering superior insulation, low CO² emissions and great sustainability when compared to other materials such as steel and brick. Timber is an environmentally-friendly, renewable resource, while steel production is one of the biggest polluters. Because of its low-energy values, timber has a key role to play in the move towards zero-carbon housing.



However, wood doesn't just happen, it takes many years to reach maturity. Even when it has been forested, bringing the cut products to market is a lengthy and detailed procedure. For International Timber, planning is a vital part of the procurement process to ensure our customers can access quality products to meet the changing dynamics of the market and projected customer demand.





SOURCING

We source the best and most sustainable timber products from across the globe, always obtaining clear evidence of good forest management at source. We work closely with suppliers to match our customers' challenging requirements, always adhering to Chain of Custody regulations.

Our carefully selected raw materials arrive in the UK by chartered vessels from worldwide sources.

HAND SELECTED PRODUCTS

On arrival, containers are opened and products checked by our specialists, followed by breakbulk processes and exhaustive quality assessment. The wood is then moved for storage in appropriate environments at International Timber facilities around the UK.

Products are hand selected to match individual customer requirements. Where added value services are scheduled, wood is picked and presented to our state of the art milling facilities.

CUTTING AND SAWING

Our investment in cross cutting and rip saws across our manufacturing sites ensures our customers benefit from fast response delivery times.

DESIGN

Our market leading software solutions translate sketches and images to 3D solutions.

IN-HOUSE TOOL ROOM

Our skilled specialists turn these CAD designs into reality.

MOULDING

We utilise some of the world's most advanced equipment to manufacture finished components for our customers.

THE FINISHING TOUCH

From lacquering and fire retardant treatments through to coatings and specialist requirements, we produce the required end results.

DIRECT TO OUR CUSTOMERS

Our distribution network covers all areas of the UK, from Inverness to Penzance, the Channel Islands, Northern Ireland and all points in between. We operate a dedicated fleet with vehicles to match delivery requirements, with next day options and comprehensive offload facilities.

We demand the highest quality standards at all stages of manufacture and delivery.

INTERNATIONAL TIMBER OUR SPECIALIST SERVICES

From product stockholding and distribution to the manufacture of standard off-the-shelf products and highly bespoke mouldings, plus a range of specialist wood treatment processes, International Timber provides a comprehensive portfolio of services for customers across the UK.



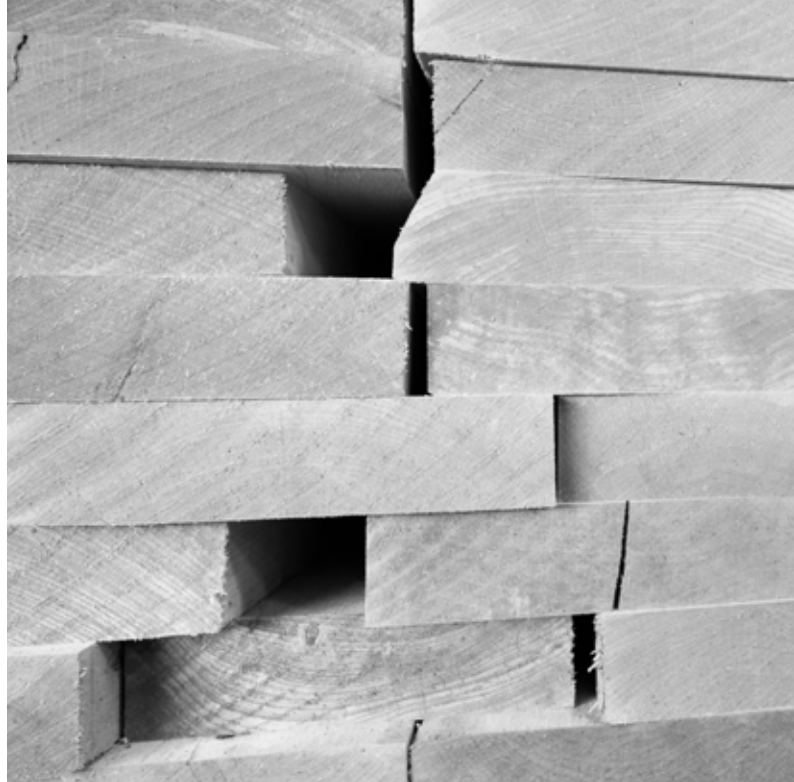
- At International Timber, we know about wood. We have the in-house technical expertise and knowledge to advise on all aspects of material selection and process choice to ensure our customers provide the best products for their customers. Dedicated regional technical sales desks ensure our customers have access to informed advice at all times.
- We offer unrivalled availability of stock, with a mixed range of products available for call off, opening the doors to a wide world of choice.
- Our manufacturing plant never stops, operating seven days a week on a two shift pattern to achieve highly competitive lead times.
- We operate state of the art CAD facilities and market leading design software, with our own tool room staffed by skilled professionals for maximum speed and flexibility.
- We focus on achieving a very real understanding of the individual requirements of our customers, building long term partnerships and bringing together all those involved in each individual project, from sales and operations through to production and customer service.
- We work on optimising supply processes for our customers, holding stock of raw materials and finished goods, managing the entire process and helping to reduce the cost of manufacturing.







KILNING FOR OPTIMUM PERFORMANCE



The moisture content of timber can have a profound effect on its performance. Kiln drying is essential for joinery and construction hardwoods and also for clear softwoods that are to be used inside.

Kilning ensures effective moisture removal with substantially shorter drying times and greater control over degrading, with no seasonal or climactic variations. It also strengthens the wood, making it more workable and obliterating any existing fungi and insect infestations.

International Timber operates a total of seven kilns at our Parkend site in Gloucestershire, in action 365 days a year. With the focus on safety, efficiency and environmental sustainability, we continue to research and invest in new methods and materials to keep our processes at the forefront of technology into the future.



MILLING AND MACHINING FOR QUALITY AND PRECISION

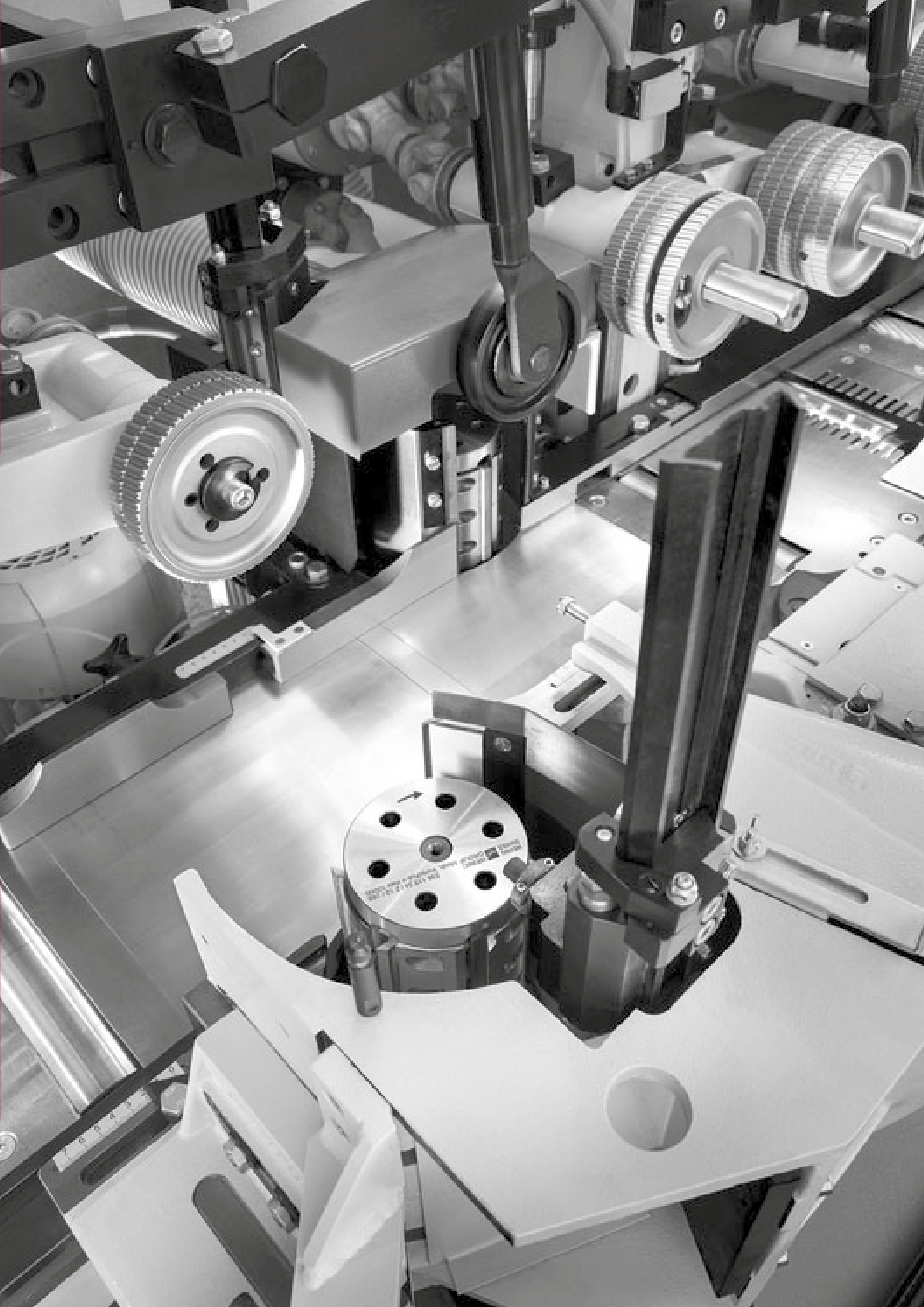
International Timber continues to invest heavily in its manufacturing sites, utilising state of the art Weinig equipment and operating some of the best equipped mills in the UK on a seven days a week, two shift pattern to ensure highly responsive lead times and advanced levels of customer service.



From bulk machining with fast set moulders to bespoke services for specials, across small batch runs or large volume orders, International Timber produces all types of mouldings to individual customer requirements, using unique or standard profiles.

Our expertise in working with hardwood, softwood and engineered timbers ensures we provide a consistent, reliable and informed service for our customers. We manage orders quickly and efficiently from start to finish, providing professional technical advice to ensure optimisation of product at all stages.





TIMBER TREATMENTS AND FACTORY FINISHING

Speed of manufacture is increasingly important for International Timber customers. The door and window manufacturers we supply now want wood and finished components treated and ready to use, delivered ex-stock to match their individual production requirements.

Our extensive range of wood treatments are designed to preserve and prolong the working life of our products, giving our customers access to premium quality materials primed and prepared for manufacturing processes.



TREATMENTS INCLUDE

- Lacquering
- Priming
- Staining
- Coating
- UV coating
- Preservation treatments





COMPONENT		USE CLASS
A	Domestic pitched roofs all structural timber	1
B	Condensation - risk pitched roofs - all structural timber	2
C	Tiling / slating battens	2
D	Flat roof timbers	2
E	Barge boards, fascia boards	3a
F	External frame - inner leaf - except sole plates	2
G*	Frame sheathing - plywoods	2
H	External cladding	3
I	Battens for fixing external cladding	2
J	First floor joists	1
K	External joinery	3a
L	Surrounds for non-wood windows	3a
M	External doors	3a
N	External door frames	3a
O	Ground floor joists	2
P	Sole plates above DPC	3†
Q	Sole plates below DPC	4
R	Decking	3b
S	Fence posts	4
T	Swimming pool surrounds (external)	4
U	Timber garden products	3/4

USE CLASS TABLE	
USE CLASS	USE
1	Above ground, covered. Permanently dry, insect risk.
2	Above ground, covered. Occasional risk of wetting.
3a	Above ground, coated. Exposed to frequent wetting.
3b	Above ground, uncoated. Exposed to frequent wetting.
4	In contact with ground or fresh water. Permanently exposed to wetting.

FOCUS ON FIRE SAFETY

International Timber can provide solutions for both internal and external applications.

EXTERNAL APPLICATIONS

Industrially applied fire retardant treatments provide the peace of mind that in the unlikely event of a fire, the treated timber will be able to withstand fire for a longer period of time.



Suitable for all exterior applications such as cladding, decking and shingles, whilst not compromising the critical engineering properties such as strength and durability.

- Pressure impregnated with a leach resistant exterior grade fire retardant formulation
- Processed under ISO9001 factory-controlled conditions prior to supply
- Provides long lasting protection without further maintenance
- Meets requirements of Building Regulations where Euroclass B or C are required
- Will significantly reduce the spread of fire, heat and smoke generation



EXTERNAL APPLICATIONS

International Timber can also offer fire treatment for timbers to be used internally. Treated timber can meet the requirements of National Building Regulations where Euro Class B or C are required and will significantly reduce the spread of fire, heat generation and smoke generation.

- Pressure impregnated with humidity resistant high temperature fire retardant formulation
- Processed under ISO9001 factory-controlled conditions prior to supply
- Provides long lasting protection without further maintenance
- Meets requirements of Building Regulations where Euroclass B or C are required
- Will significantly reduce the spread of fire, heat and smoke generation





DRICON

For interior timbers, panel products and weather protected exterior end use

International Timber supplies pressure treated timber and sheet materials impregnated with DRICON fire retardant under controlled conditions in an industrial vacuum pressure timber plant, followed by kiln drying.

DRICON is an advanced type HR (Humidity Resistant) waterborne fire retardant, designed to reduce flame spread, heat release and smoke emission, providing fire protection performance that lasts and lasts.

DRICON is a non-hygroscopic and non-efflorescent treatment, which means that treated timbers can be painted and glued without reducing the efficacy of the treatment.

- DRICON is the only BBA (British Board of Agrément) certified fire retardant treatment for timber
- DRICON is a UK Wood Protection Association (WPA) approved status type HR (Humidity Resistant) fire retardant product
- DRICON is fully approved by London Underground and complies with LUL Standard 1-085 'Fire Safety Performance of Materials'
- The process is an independently assessed and listed treatment by the American Wood Preservers' Association (AWPA)

- DRICON is fully tested by Exova Warrington Fire Research with independent Euroclass Classification Reports for each timber species and thickness, for use with or without air gaps – EN 13501-1
- DRICON has been independently assessed by Chiltern International Fire in the 6 storey timber frame TF 2000 (Staircase 2001) study and found to satisfy the functional fire safety requirements of UK Building Regulations

Full independent certification for a range of species and thicknesses to meet the requirements of European Standard EN 13501-1.



FIRE RETARDANT TREATED TIMBER
AND PANEL PRODUCTS

HARDWOODS BY INTERNATIONAL TIMBER

1

TEMPERATE HARDWOODS

Deciduous, and broad leaved trees grown between the tropics and the polar regions in both the southern and northern hemispheres.

- 1 American Ash
- 2 European Ash
- 3 American Oak
- 4 European Oak
- 5 Cherry

- 6 Black Walnut
- 7 Tulipwood
- 8 Hard Maple
- 9 Beech





TROPICAL HARDWOODS

Angiosperm hardwoods grown in an areas limited by the Tropic of Cancer in the northern hemisphere and the Tropic of Capricorn in the southern hemisphere.

- | | |
|----------------|----------------|
| 1 Yellow Balau | 7 Massaranduba |
| 2 Cumaru | 8 Meranti |
| 3 Emeri | 9 Sapele |
| 4 Iroko | 10 Wawa |
| 5 Kapur | 11 Utile |
| 6 Keruing | |



SOFTWOODS BY INTERNATIONAL TIMBER

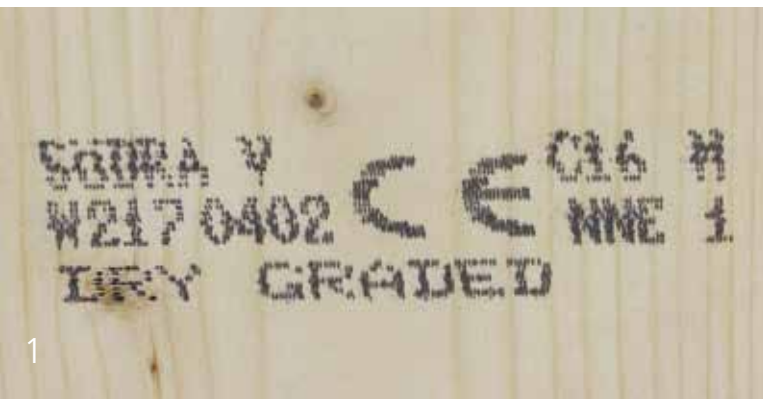


CLEAR SOFTWOODS

Harvested mainly from the Pacific Northwest region, the southern and eastern states of the USA and from areas with good governance and Chain of Custody provenance.

- 1 Douglas Fir
- 2 Southern Yellow Pine
- 3 Western Red Cedar
- 4 Radiata Pine
- 5 Hemlock
- 6 Clear Pine





CONSTRUCTIONAL SOFTWOODS

With comprehensive stockholding at strategically located sites, International Timber is your ideal partner for softwood sections suitable for constructional use.

- | | |
|-------------------------|----------------|
| 1 Structural Carcassing | 4 Roof Trusses |
| 2 Scant Carcassing | 5 Battens |
| 3 CLS Carcassing | |

JOINERY SOFTWOODS

International Timber offers a wide range of sizes and grades in redwood and whitewood to meet individual requirements, sourced from Europe, Russia and Scandinavia.

- | | |
|-------------|-----------|
| 1 Whitewood | 2 Redwood |
|-------------|-----------|



CLADDING AND DECKING



EXTERNAL CLADDING

Timber cladding is becoming increasingly popular as a facing material. The UK climate demands durability for timber used for external applications.

- 1 Accoya®
- 2 Western Red Cedar
- 3 British Larch
- 4 Thermowood Radiata Pine
- 5 Thermowood Redwood
- 6 Redwood
- 7 Whitewood

INTERNAL CLADDING

Prized for its natural beauty and unique visual effect, wood provides the perfect choice for interior walls and ceilings.

- 1 American White Oak
- 2 American Walnut
- 3 American Cherry
- 4 Redwood
- 5 Whitewood

CORE RANGE PROFILES

International Timber offers a wide range of standard cladding profiles which will provide a solution to most cladding situations.



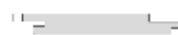
ITC1

Installation - Horizontal
Face Covering - 133mm
Nominal Thickness - 25mm
Nominal Width - 150mm



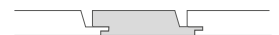
ITC5

Installation - Horizontal
Face Covering - 122mm
Nominal Thickness - 25mm
Nominal Width - 150mm



ITC9

Installation - Vertical
Face Covering - 122mm
Nominal Thickness - 25mm
Nominal Width - 150mm



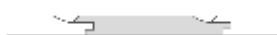
ITC13

Installation - Horizontal
Face Covering - 122mm
Nominal Thickness - 38mm
Nominal Width - 150mm



ITC2

Installation - Both
Face Covering - 132mm
Nominal Thickness - 25mm
Nominal Width - 150mm



ITC6

Installation - Both
Face Covering - 125mm
Nominal Thickness - 25mm
Nominal Width - 150mm



ITC10

Installation - Both
Face Covering - 125mm
Nominal Thickness - 25mm
Nominal Width - 150mm



ITC14

Installation - Horizontal
Face Covering - 122mm
Nominal Thickness - 38mm
Nominal Width - 150mm



ITC3

Installation - Both
Face Covering - 82mm
Nominal Thickness - 19mm
Nominal Width - 100mm



ITC7

Installation - Horizontal
Face Covering - 132mm
Nominal Thickness - 25mm
Nominal Width - 150mm



ITC11

Installation - Vertical
Face Covering - 132mm
Nominal Thickness - 25mm
Nominal Width - 140mm



ITC15

Installation - Vertical
Face Covering - 122mm
Nominal Thickness - 25mm
Nominal Width - 150mm



ITC4

Installation - Horizontal
Face Covering - 127mm
Nominal Thickness - 25mm
Nominal Width - 150mm



ITC8

Installation - Both
Face Covering - 100mm
Nominal Thickness - 25mm
Nominal Width - 125mm



ITC12

Installation - Horizontal
Face Covering - 122mm
Nominal Thickness - 25mm
Nominal Width - 150mm



DECKING

The extensive International Timber decking range offers the design flexibility to create a look to match every environment and application, from hardwoods and softwoods through to modified products.

SOFTWOOD DECKING

- 1 Redwood
- 2 Redwood Antislip

HARDWOOD DECKING

- 4 Yellow Balau
- 5 Massaranduba
- 6 Antislip

MODIFIED DECKING

- 6 Accoya®
- 7 Thermowood



STRONG AND STABLE LAMINATED PRODUCTS

Increasingly popular in joinery and construction circles for its flexibility in terms of lengths and sizes, laminated products are ideal for a wide range of joinery applications.



At International Timber, we supply a full range of laminated timber products, bringing together individual laminated layers of solid timber. Manufactured to match specific customer requirements, the range includes softwoods, hardwoods, door frames, stairs, treads and risers in batch sizes to match requirements, providing materials ready to use.

Laminated products offer added strength and dimensional stability with less wastage and make a positive contribution to streamlining manufacture. Requiring little or no treatment before use, our laminated timber products guarantee consistent quality standards.



LAMINATED AND ENGINEERED



HARDWOODS

1 Oak

2 Sapele

SOFTWOODS

3 Redwood

5 Accoya®

4 Polarwood

International Timber products are designed and engineered to meet the specific needs of the staircase, door and window manufacturing industries.



PANEL RANGE

International Timber offers a comprehensive panel product stock portfolio sourced from around the world, available from our distribution centres across the UK with a 48/72 hour delivery service to keep your business moving.

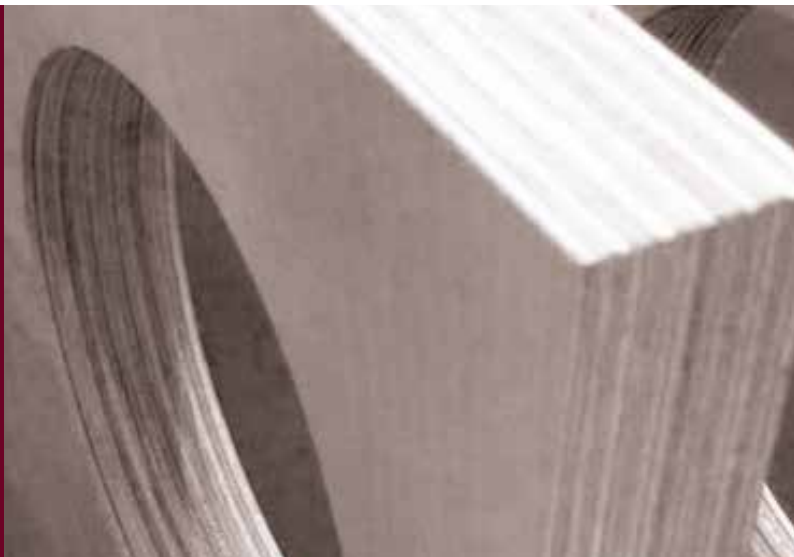
All panel products distributed by International Timber are CE marked and meet the requirements of the Construction Products Regulation (CPR).



- Hardwood Plywood
- Structural Softwood Plywood
- Particle Board
- MDF
- Decorative Panels
- Pinboards
- Hardboard & Insulation Board
- Flame Retardant Products

International Timber offers cut to size panel products via state of the art beam saws and CNC Routers. We also offer a T&G service, both two long and all four edges, from spindle moulders and these edges can be compatible with the leading chipboard manufacturers' profiles. Nosed edges or chamfered edges and faces are also offered as part of our machining service.

The CNC Routers can accept boards up to 3050mm x 1220mm which can be drilled, grooved, shaped, profiled, chamfered and also offer cut-outs.

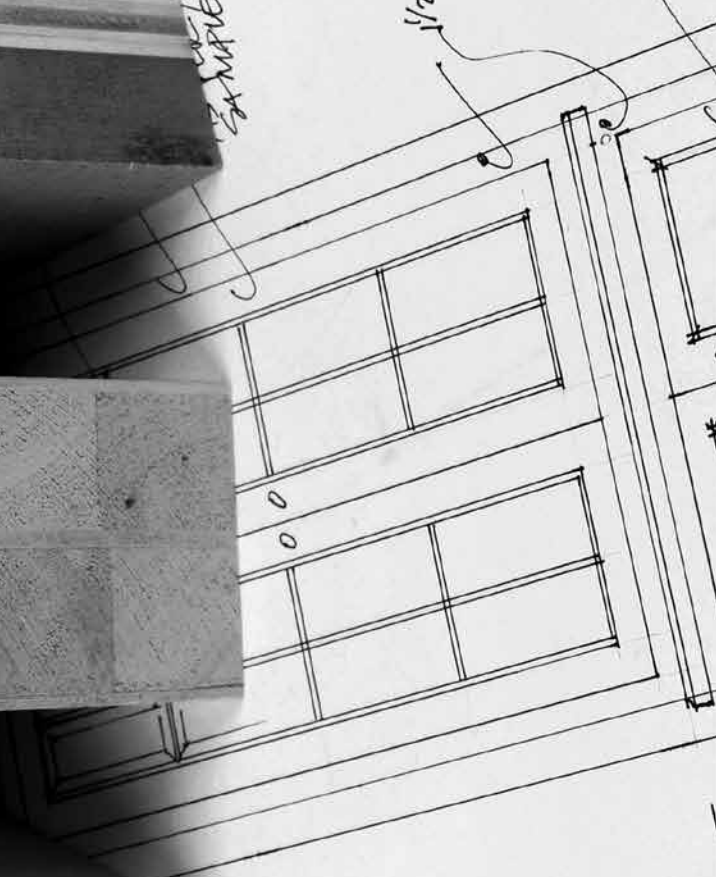




IMPROVED
SAMPLE

1/2" PRIME

"CABINET" AS
DOOR GRANE AS APPROX
DOOR OR AS APPROX
CUSTOMER'S



60"

MODIFIED TIMBER

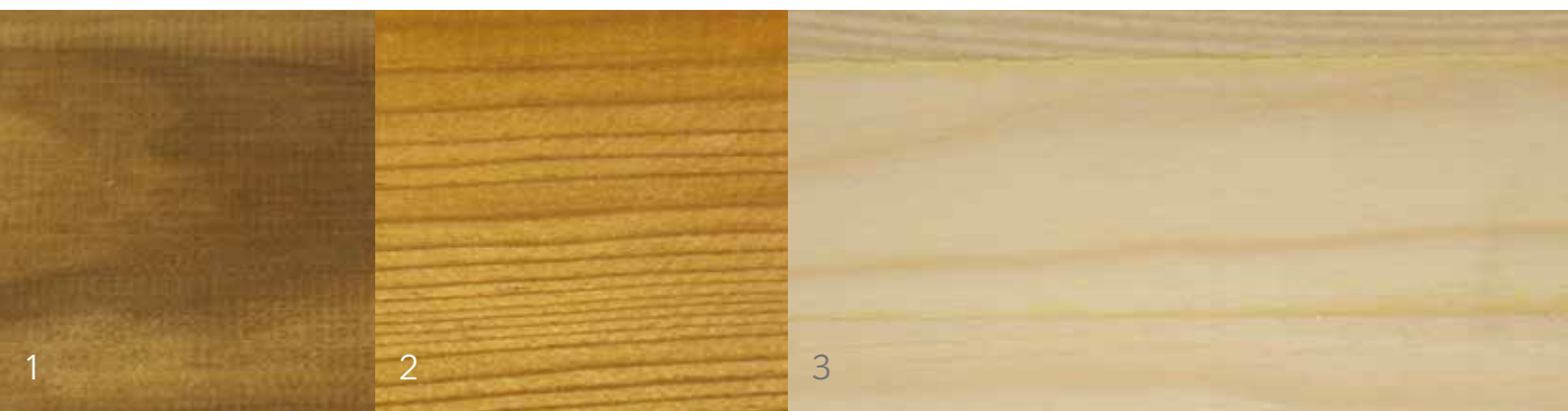
The process of modification involves applying a substance to the wood resulting in a permanent change in the characteristics of the material. These modifications may be thermal or chemical in nature.



Timber modification processes carried out by International Timber are designed to increase the decay resistance of timbers with naturally low durability, offering cost advantages over more expensive species.

Timber modifications ensure increased longevity, dimensional stability and resistance to infestations.

- 1 Thermowood Radiata Pine
- 2 Thermowood Redwood
- 3 Accoya®





THE PERFORMANCE BENEFITS

DIMENSIONALLY STABLE



Swelling and shrinkage reduced by 75% or more. Doors and windows open effortlessly year round. Paints and varnishes last 3 or 4 times longer, greatly reducing maintenance costs.

CLASS 1 DURABILITY



The most durable wood possible. More durable than teak and the world's other most durable woods. Perfect for outdoor use

OUTSTANDING DURABILITY



Warranted to last at least 50 years above ground and 25 years in ground.

INSECT BARRIER



Accoya® wood is indigestible to insects and micro-organisms and is therefore more resistant to decay. Barrier to wood-destroying fungi. Accoya® wood is virtually rot-proof.

PERFECT FOR COATING



Easier to coat: less preparation and sanding between coatings required. Improved dimensional stability and UV resistance improves the life of coatings. Perfect for transparent, translucent and opaque coatings.

NATURALLY BEAUTIFUL WOOD



The process does not compromise the wood's natural beauty.

NATURALLY INSULATING



Accoya® wood offers improved thermal insulation in comparison with commonly used wood species. Accoya® wood is ideal for applications where energy conservation is important.

NON-TOXIC & RECYCLABLE



Accoya® wood is non-toxic, protecting the environment from the harmful effects of poisons leaching out of typical wood treatment. Accoya® wood may be safely reused and recycled.

FROM SUSTAINABLE SOURCES



Sustainably sourced, including FSC, PEFC and other regionally certified woods. Naturally renewable.

UV RESISTANT



Accoya® wood has superior resistance to UV degradation when translucent coated and its natural appearance lasts longer. Accoya® wood is the ultimate substrate and coating life is increased.

RETAINED STRENGTH & HARDNESS



The process does not compromise the wood's strength. Hardness is increased. High strength to weight ratio making it suitable for challenging applications.

100% RECYCLABLE



Fully reusable and recyclable. Reuse is recommended but Accoya® wood may be safely incinerated for bio-energy.

CONSISTENT QUALITY THROUGHOUT



Consistent, measurable modification quality from surface to core. No need to apply chemical preservatives when cut or planed.

EXCELLENT MACHINABILITY



Accoya® wood is easy to machine and process manually, creating no challenges for product manufacturers or end users.

CONSISTENT SUPPLY



Produced from abundantly available, fast-growing sources species such as Radiata Pine.

accoya



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