



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.



HARDWOODS BY INTERNATIONAL TIMBER



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 | 6 Black Walnut |
| 2 European Ash | 7 Tulipwood |
| 3 American Oak | 8 Hard Maple |
| 4 European Oak | 9 Beech |
| 5 Cherry | |

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 | |

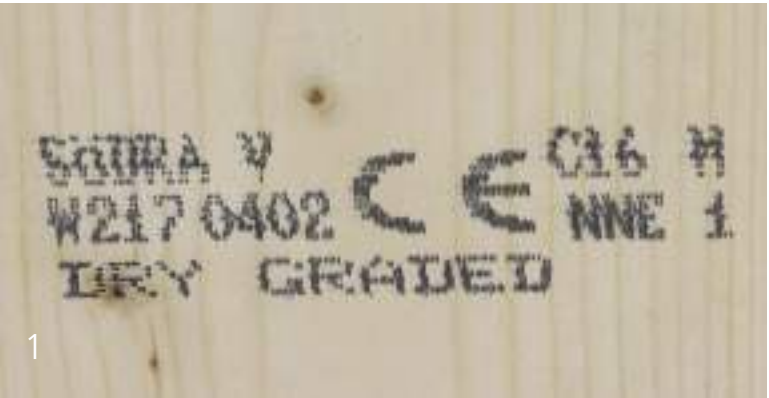


SOFTWOODS BY INTERNATIONAL TIMBER

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 Siberian Larch
- 5 Radiata Pine
- 6 Hemlock
- 7 Clear Pine



CONSTRUCTIONAL SOFTWOODS

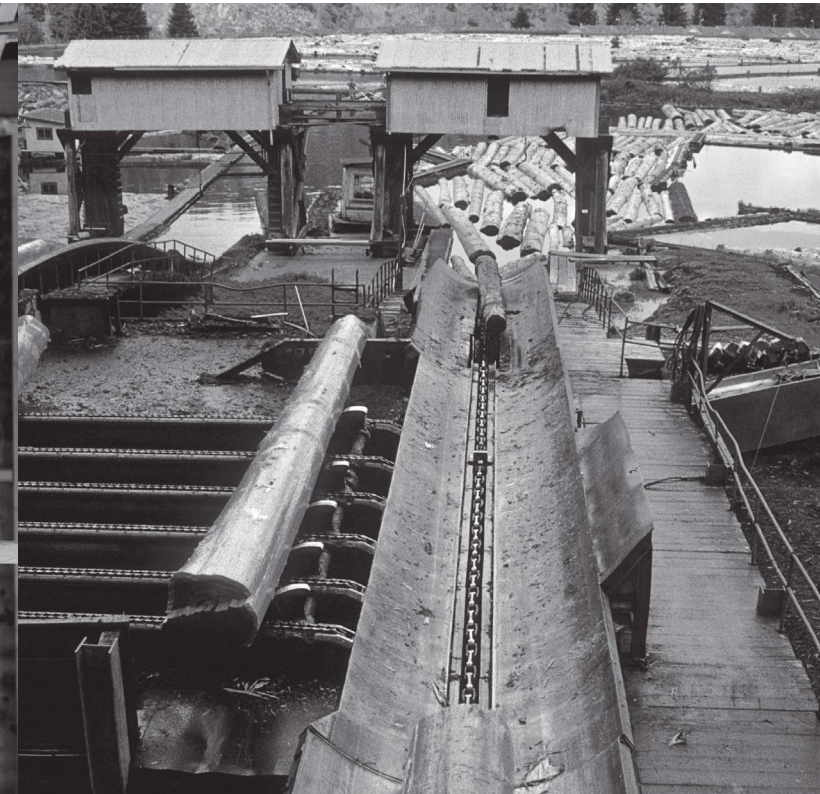
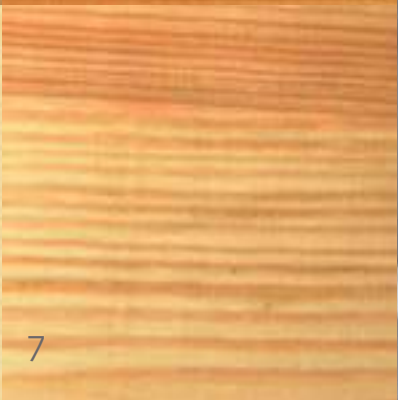
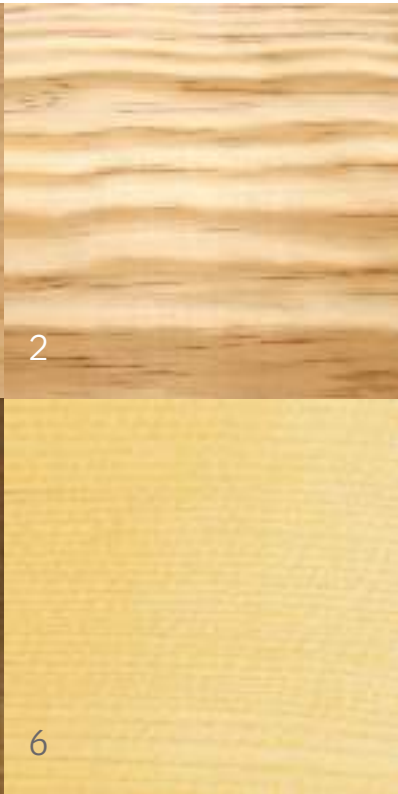
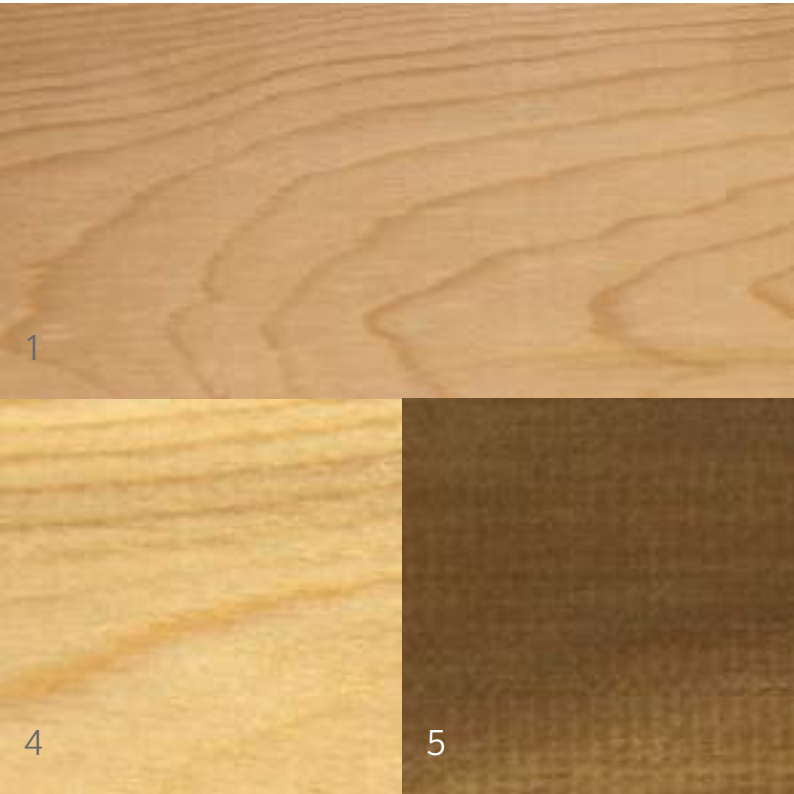
With comprehensive stockholding at strategically located sites, International Timber is your ideal partner for softwood sections suitable for constructional use.

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

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 Western Red Cedar
- 2 Siberian Larch
- 3 Thermowood Radiata Pine
- 4 Thermowood Redwood
- 5 Dura
- 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

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 composites and modified products.



SOFTWOOD DECKING

- 1 Redwood
- 2 Gripsure Antislip
- 3 Gripsure Aqua

HARDWOOD DECKING

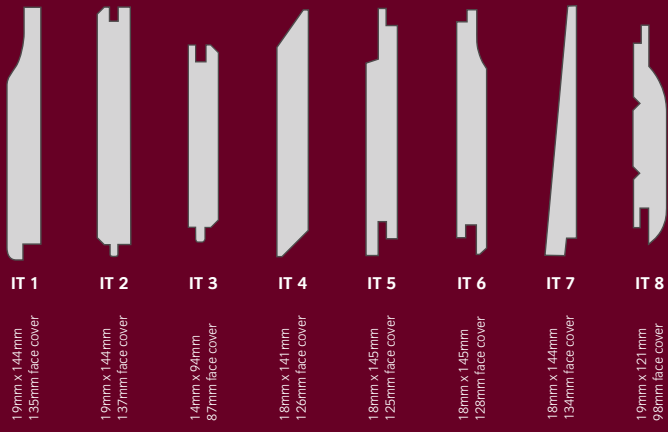
- 4 Yellow Balau
- 5 Massaranduba

MODIFIED AND COMPOSITES

- 6 Accoya
- 7 Duradeck
- 8 Thermowood

CORE RANGE PROFILES

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



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.



LAMINATED AND ENGINEERED



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.



HARDWOODS

- 1 Oak
- 2 Sapele

SOFTWOODS

- 3 Redwood
- 4 Polarwood
- 5 Accoya

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



PANEL RANGE

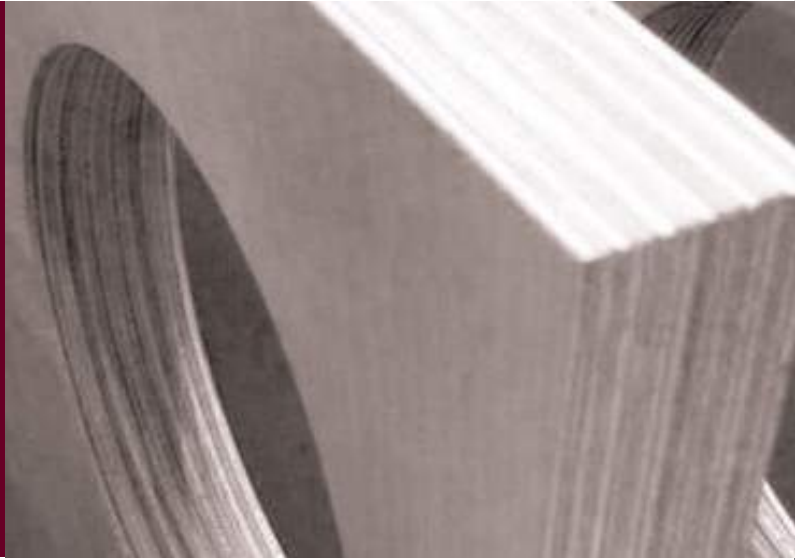
International Timber offers a comprehensive panel product stock portfolio sourced from around the world, available from our distribution centres across the UK with a 48/72 hour delivery service to keep your business moving.

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.



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.

FROM SUSTAINABLE SOURCES

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

CLASS 1 DURABILITY

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

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.

OUTSTANDING DURABILITY

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

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.

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.

100% RECYCLABLE

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

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.

CONSISTENT QUALITY THROUGHOUT

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

NATURALLY BEAUTIFUL WOOD

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

EXCELLENT MACHINABILITY

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

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.

CONSISTENT SUPPLY

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

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.





WWW.INTERNATIONALTIMBER.COM

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