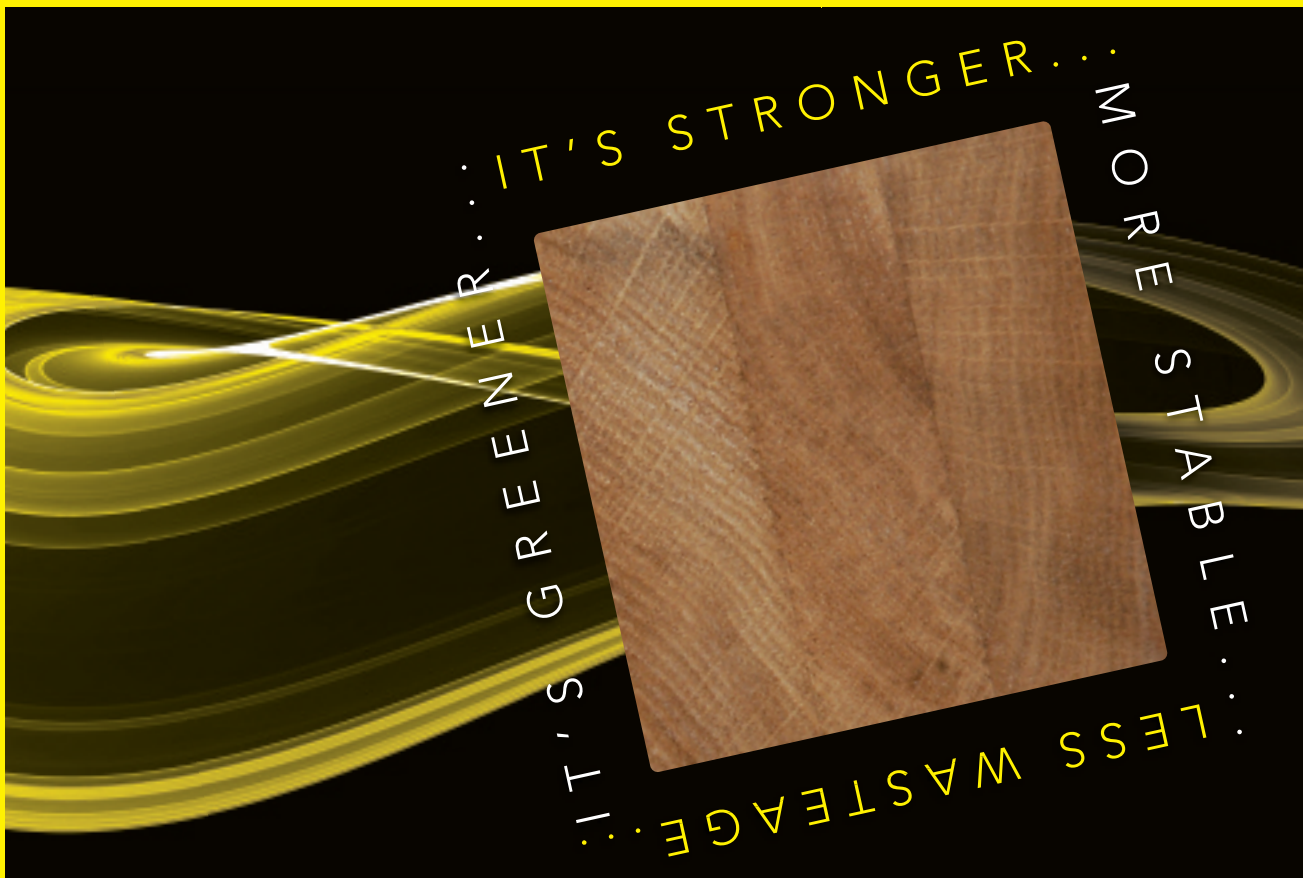


brooks bros for
brookstech
fsc laminated timber components



**BROOKS
BROS**
FOR THE COMPLETE
TIMBER SERVICE

What is Laminated Timber?

It's a factory-produced material made by gluing together (under high pressure) accurately machined lamellas of solid timber that looks and feels just like a piece of 'traditional' solid timber. It's an engineered alternative to solid wood, offering a cost-effective option through a number of user benefits:



It's 'greener' : because it's 100% FSC certified, produces a much more efficient use of the logs and reduces the need for unnecessary raw material stock-holding.

It's stronger : because of its multi-layer engineered construction.

It's more stable : because it's not like solid timber that tends to distort as it absorbs or expels moisture as it encounters various temperature changes, hence it is less likely to shrink or swell after installation.

It creates less wastage : because it eliminates the need to cut around defects, coming to you already clear of knots, splits and sapwood.

It streamlines manufacture : because it's supplied in uniform sections, the manufacturing process of the finished product can begin the minute timber is delivered. It also creates a cleaner working environment.

It's reliable : because the construction ensures the quality is consistently maintained throughout.

Brooks Bros offer laminated timber as both a bespoke product (see back page) and top quality imported softwood and hardwood laminated timber components.

What are Brookstech Laminated Timber Components?

They're a range of laminated timber sections, supplied in a variety of standard sizes, ready to convert into window, door and staircase profiles (example a window sash section 63 x 75mm).

Turning them into the finished profile requires little preparation and less time in manufacturing than it would if using solid wood. Therefore they create less waste, require less handling and cause less wear-and-tear on machinery.

They look and feel like solid timber...that's because they are...they're produced from fine quality European Oak, European Redwood and American Oak logs sourced from well-managed forests that are FSC certified.

They can be used internally and for external applications and are available ex-stock, ready for immediate nationwide delivery: usually within 3 days. More urgent 'guaranteed' deliveries can be arranged and other species sourced to special order.

IT'S GREENER... IT'S STRONGER... MORE STABLE... LESS WASTAGE...



FSC Stair Components

American Oak and European Redwood Stock

Component	Section (mm)	Length	American Oak	European Redwood Fully Jointed
Newels (3 or 4 pieces No FJs)	90 x 90	1.5m	■	
		1.7m	■	
		2.1m	■	
		2.4m	■	
		3.0m	■	
		3.6m	■	
	96 x 96	6.0m		■
Treads (Solid 6 piece)	32 x 275	1.0m	■	
		1.2m	■	
Strings (Solid 4 or 6 piece)	34 x 250	3.0 to 4.1m	■	
		4.2 and 4.8m	■	

FSC Window Components

European Oak and European Redwood Stock

Component	Section (mm)	European Oak	European Redwood Fully Jointed
Sash	63 x 75	■	■
	72 x 75	■	■
Outer Frames	96 x 63	■	■
	96 x 60		■
Jamb/Head	96 x 75	■	■
Cills/Rafters	175 x 63		■
	125 x 50		■

Lengths: European Oak 1.2m up to 3.3m • European Redwood 6.0m

FSC Door Components

European Oak, European Redwood and Sapele (non FSC) Stock

Component	Section (mm)	European Oak	European Redwood Fully Jointed	European Redwood Door Stock	Sapele Kiln Dried
Stiles/Heads	63 x 95		■		
	48 x 120	■	■	■	
	63 x 120	■	■	■	
	72 x 120	■	■	■	■
Rails/Panels	48 x 200	■			
	63 x 200	■			
	63 x 220		■	■	
	72 x 200	■			
Bottom Rails/Panels	63 x 210				■
Frames	96 x 63				■
	96 x 75				■

Stile lengths: 2.1m, 2.4m and 3.0m • Head lengths: 0.8m, 0.9m 1.0m and 1.2m



BROOKS
tech
Laminated Timber Components



brooks bros for bespoke laminating



With the installation of the latest Taylor Laminating Press, Brooks Bros can produce laminated timber sections up to 150mm x 900mm x 4.9mts.

European timbers are recognised as being the ideal raw material in terms of engineered performance, environmental sustainability and aesthetic beauty. Therefore laminated sections are predominantly produced from fine high quality European Redwood (*pinus sylvestris*) and European Oak (*quercus robur*) logs sourced from well-managed forests that are all 100% FSC (Forestry Stewardship Council) certified.

Brooks Bros also has an inventory of some 50 tropical and temperate hardwood as well as softwood species (including FSC and PEFC certified) and has produced a variety of bespoke orders, including worktops manufactured in the 'age old way' using wide boards, cut in full lengths and random widths.

The glues used are in accordance to DIN 204/D4 (as well as Resorcin, Melamin and AW100 glues) and apply in all the production processes ensuring a permanent high quality is maintained throughout.

The benefits offered by laminated timber are not all characteristic ones. For example, in order to comply with the thermal performance standards set out within the Building Regulations relating to new or replacement windows and doors, manufacturers have moved from using sections of 50mm to 63mm. For a number of reasons a good quality 63 x 225mm European Redwood section has become difficult to source (very few shippers cut to this size now) so the introduction of laminated timber is now the perfect alternative. Just one of many more reasons why laminated timber works better for today's timber users.

BROOKS BROS FOR THE COMPLETE TIMBER SERVICE

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