



# EDGE GLUED PANELS

Leading importer & supplier of superior quality edge glued panels

# SR TIMBER MACHINED PANELS



## Guaranteed supply of high quality timber panels

At **SR Timber**, we import and supply superior quality edge glued panels, worktops and TGV (tongue and groove matchboard), ideal for bespoke furniture and kitchen manufacturers, joiners, shopfitters and builders. We bring only quality products to market, offering a constant supply of stock, quick turnaround times, outstanding reliability and excellent customer service.

SR Timber Machined Panels is a division of SR Timber, a leading supplier of specialist timber construction materials in the UK. With our combined industry knowledge, our team have an expert understanding of the overall timber market and we deliver what our customers need - a guaranteed supply of high quality timber panels coupled with a personalised service to ensure the right products for your project.

We work closely with leading panel producers across Europe, South America and Asia, regularly receiving shipments into our warehouse in Sutton-in-Ashfield, resulting in the continuous availability of fresh, high quality stock.

### **Certification**

All of our timber panel products are produced from managed forests which are always EUTR compliant. You can be assured that your timber panels come from sustainable sources and are the very best material available for your project.

# PRODUCT RANGE



**SR Timber Machined Panels** are manufactured at carefully selected third party production plants. We only work with suppliers who demonstrate robust working practices and have years of experience in manufacturing which allows us to offer the highest quality panels.

Our dedicated staff have over twenty five years' experience in importing timber panels, which means our wealth of knowledge allows us to source the best wood available from a global network of manufacturers who have a proven track record in supplying timber panels.

We offer a wide range of products from stock, including:

- **European Oak**
- **North American White Oak**
- **Scandinavian Pine (Knotty Pine)**
- **Knotless Pine**
- **European Beech**
- **European Ash**
- **Tulipwood (Yellow Poplar)**
- **Black American Walnut**

We can supply other species on request including European Walnut, Iroko and Maple.

## Thicknesses available (mm):

	6	7	9	12	15	18	20	22	24	25	27	30	40
<b>Oak</b>			■	■	■	■			■	■		■	■
<b>Scandinavian Pine</b>	■		■	■	■	■	■		■		■	■	■
<b>Knotless Pine</b>			■	■	■	■		■		■		■	
<b>European Beech</b>						■	■			■			
<b>European Ash</b>							■						
<b>Tulipwood</b>		■					■				■		
<b>Worktops</b>													■

Our natural panels are available in full length stave construction (full strip) and our worktops are finger jointed. Please ask about width availability.

Each hardwood panel is individually plastic-wrapped for protection and supplied with square edges, allowing them to be machined to any profile.

# PRODUCT RANGE



## European Oak (*Quercus robur*)

European Oak's heartwood is light brown to dark brown and usually straight grained, however irregular or cross-grained material can occur depending on growth conditions. It is a hard and heavy wood with medium strength properties. We also stock Natural European Oak which is full of character. Our oaks weigh approximately  $700\text{kg/m}^3$  -  $720\text{kg/m}^3$ .



## North American White Oak (*Quercus alba*)

North American White Oak is similar in colour and appearance to European Oak. The sapwood is light coloured and the heartwood is light to dark brown. North American White Oak is mostly straight grained with a medium to coarse texture, with longer rays than red oak; White Oak therefore, has more figure. Our North American White Oaks weigh approximately  $750\text{kg/m}^3$ .



## Tulipwood (*Liriodendron tulipifera*)

Our tulip trees are grown in America. The sapwood is creamy white and may be streaked, with the heartwood varying from pale yellowish brown to olive green. It is an easy to work with hardwood with a fine straight grain and is commonly used for cabinet and furniture making. Our Tulipwood weighs approximately  $400\text{kg/m}^3$ .



## Scandinavian Pine (*Pinus sylvestris*)

Scandinavian Pine is a beautiful softwood with a yellowish white sapwood and a reddish heartwood with stripes. Slow-grown pine is very easy to work, is medium in weight and density with good strength. Our Scandinavian Pine weighs approximately  $450\text{kg/m}^3$  -  $500\text{kg/m}^3$ .



### European Beech (*Fagus sylvatica*)



This Western European species is creamy white to pale pink in colour. It will have a red hue if dried at higher temperatures or when exposed to steam. The wood has a fine texture, is very hard and heavy with very good strength properties. Our beech is lightly steamed for a pink colour and weighs approximately 650kg/m<sup>3</sup>.

### European Ash (*Fraxinus excelsior*)



European Ash sapwood is typically white and turns to yellow when exposed to light. The wood has a medium to coarse texture is hard and heavy with very good strength properties. Our European Ash weighs approximately 675kg/m<sup>3</sup>.

### Black American Walnut (*Juglans nigra*)



The Black American Walnut sapwood is creamy white, whereas the heartwood is light brown to dark chocolate brown. Occasionally the heartwood has dark, even purple, streaks. The wood is generally straight grained, although sometimes it has a wavy or curly grain which produces its characteristic and attractive figuring. Our Black American Walnut weighs approximately 610kg/m<sup>3</sup>.

### Radiata and Taeda Knotless Pine (*Pinus Radiata*)



Our Radiata and Taeda Knotless Pines are beautiful softwoods both with light brown heartwood and paler yellowish white sapwood. Versatile and easy to work with these fast-growing pines are medium in weight and density with good strength. Our Knotless Pines weigh approximately 450kg/m<sup>3</sup>.

# MANUFACTURING PROCESS



**Manufactured from both sustainable soft and hard woods, the process begins with a high quality raw timber product that has been processed correctly to ensure quality edge glued panels can be successfully manufactured.**

The timber is cut into laminations at a specified size and sorted to give a balanced panel, before being glued and pressed.

Panels are then machined with straight, parallel and square edges, and finished with a smooth surface typically sanded to 120 grit for a smooth perfect finish, to the required thickness.

Our manufacturers use appropriate moisture resistant glue (D3 or D4) to create a superior edge glued panel which are wrapped in plastic to prevent dirt or water damage.

Moisture is a serious consideration which can lead to twisting and warping. Our hardwood panels are individually wrapped in breathable plastic ensuring that they leave their place of production at 10% m.c. ( $\pm 2\%$ ). Our softwood panels are shrink wrapped in packs.

# QUALITY CONTROL/ PEACE OF MIND



Our panels are sourced under strict quality controls giving you a consistently high quality product to meet your expectations.

It is imperative that our panels are manufactured with strong glue bonds, closed joints and smooth surfaces to be free of cup and warp, meaning you will always receive the perfect panel product.

We only import from manufacturers who adhere to strict quality controls and carefully monitor several vital aspects of the edge gluing process.

These quality controls ensure that our panels are:

- **Dried to a moisture content appropriate to the environment of its intended end purpose**
- **Properly equalised for uniform moisture content**
- **Properly conditioned to eliminate warp**
- **Precisely machined for straight, parallel and square edges with a good quality surface to avoid cupped panels and joint failure**
- **Glued shortly after machining with the correct glue formation, plant conditions, press and moisture content required, for superior quality panels**
- **Conditioned after gluing to ensure the glue has fully cured and the moisture content of the panel has equalised**

## CARE & MAINTENANCE

**SR Timber Machined Panels** are made to last and provide you with the perfect material for your project; however transportation or storage can lead to moisture absorption of the panels so for best practice and in order to maintain their condition we suggest:

- **Panels should be stored in a moisture controlled area; ideally in a closed, neither too dry nor too moist room**
- **Hardwood panels should be stored flat in their plastic wrap with a weight on top in order to avoid warping and twisting**
- **Acclimatisation to the new environment before beginning further processing, to allow for shrinkage and swelling in a range of 0.6% per 1% change in moisture**

# DELIVERY & SERVICE



## The panels you want, when you want them

**SR Timber Machined Panels** offer flexible purchasing options allowing you the opportunity to pick piece by piece exactly what you require for the job in hand, minimising waste and costs whilst maximising work efficiency.

Using carefully selected manufacturers, we can guarantee you continuity of supply, so you get the panels you want, when you need them.

With SR Timber Panels you can be sure of:

- **Quality backed by experience**
- **Panel availability and continuity of supply**
- **Quality control**
- **Carefully packed in the exact quantities required**
- **Second to none delivery and service nationwide**

### Support

If you need assistance with choosing the right timber panel product for your project, please don't hesitate to contact us.

SR Timber Machined Panels offer high quality timber panels with the very best service and support.



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