



**MACHINED
SOFTWOOD
PRODUCTS**



high performance building,
decking, fencing, landscaping
and agricultural machined
softwood timbers



FROM FOREST TO END PRODUCT



Within our manufacturing units we utilise the highest quality European timbers from sustainable and responsibly managed resources to create high performance timbers and structures



MANUFACTURING PHILOSOPHY

First established in 1970, Severn Valley Woodworks is today recognised as one of the leading suppliers of quality timber and timber products in the UK.

Within our extensive seven hectare site at Northwood Green in Gloucestershire we combine the very latest technology in our milling and processing operations with the traditional skills and knowledge of our workforce to offer total timber solutions to our customers.

Using only the finest quality timbers from forests across the world, all from approved suppliers and sustainable resources, Severn Valley Woodworks can supply a range of timber products directly to the timber trade, as well as to the construction, agricultural and leisure industries.

We have the capacity to machine over 100,000m³ per annum from our six moulding lines.

Our general policy is to produce to order. This way we ensure our customers receive their product in the best possible condition. Some products are carried as standard stock lines - please call us for details.

Our pack sizes work on 1 cubic metre per metre run of length.

Our packs are usually sub-divided into 2 half packs for customer convenience.

Packs have a plastic covering on the top to further protect the finished product.

All of our products are produced from packaged to length material (PTL) .

Our raw material stock covers the following lengths:

3000mm 3300mm 3600mm 3900mm 4200mm 4500mm
4800mm 5100mm 5400mm 5700mm 6000mm

In this brochure you will see a small selection of the profiles that we produce, for example we have illustrated six profiles of decking but we have tooling to produce a further twenty two decking profiles at the last count. For full details of our entire profile range please visit our website at www.svw2000.co.uk

If you do not find the profile you are looking for either in this brochure or our website, please call us as we will be happy to match the profile you need subject to volume required and lead time.

In the main our decking and cladding ranges are produced from 5th Scandinavian or 4th Russian redwood. Other Scandinavian redwood ranges available include unsorted, saw falling excluding 6ths, saw falling including 6ths and 6ths.

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**MACHINED
SOFTWOOD
PRODUCTS**

AS Dek®

AS Dek® is a preservative treated softwood decking with slip resistant advanced protective coating from Severn Valley Woodworks.

AS Dek® is coated with an exterior grade cross linked co-polymer which is machine applied to provide a consistent slightly stippled surface. The combination of the inherent properties of the polymer and the stipple provide the wear and slip resistance required to comply with the British Standard for slip resistance in wet and dry conditions.

- Factory applied coating.
- Tested to BS7976-2 and gives LOW slip potential in both dry and wet conditions.
- Durability tested to DIN EN985 - 25,000 cycles.
- Adhesion tested to AFTM D 4541 EN13144.
- Supplied in 3000mm lengths.
- Enhanced protection to timber.
- The coating is non abrasive and is therefore child friendly.
- Customers can maintain their current decking profile.
- Deck boards can be cut using normal woodworking tools and installed using conventional outdoor fixings.
- The deck boards are "over coatable" with normal decking treatments.
- To maintain performance the deck should be kept clean of dirt and general garden debris.
- Care must still be taken in freezing conditions.

AS Dek® is priced substantially below standard products on the market and will only be available through the timber merchant partners of Severn Valley Woodworks Ltd.



The anti-slip co-polymer coating can be seen on the raised profiles of AS Dek®.



“Perhaps all decks should be AS Dek®”

DECKING TIMBERS

Severn Valley Woodworks has a full range of timber decking products that can create stunning domestic outdoor environments for the garden or for commercial projects such as restaurants, hotels and public houses.

Deck Boards, Spindles, Rails, Newels Posts are all machined from kiln dried joinery redwood.

All components come pressure pre-treated through our own facilities, with the latest generation TANALITH® E wood preservative.

This helps ensure low maintenance and a long service life for your deck with complete protection against decay and insect attack.

For our full range of profiles please visit our website at www.svw2000.co.uk



DECK BOARD PROFILES

Pressure pre-treated softwood decking.



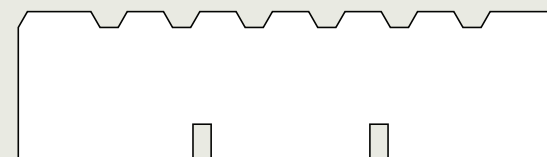
Profile No. 101

120mm x 33mm



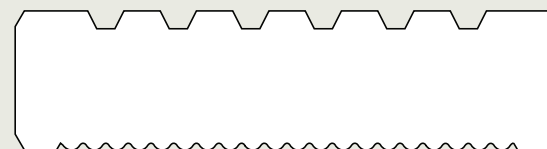
Profile No. 108

120mm x 28mm



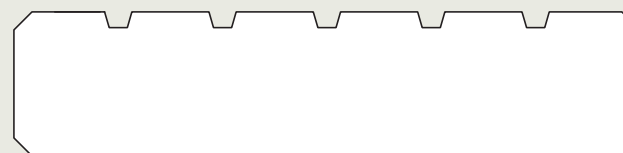
Profile No. 112

120mm x 33mm



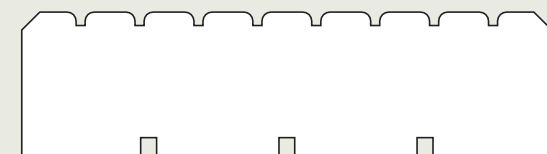
Profile No. 120

120mm x 31mm



Profile No. 124

138mm x 32mm



Profile No. 125

117mm x 32mm

Visit our website for our full range of profiles www.svw2000.co.uk

DECKING COMPONENTS - HAND & BASE RAIL



Chamfered and Beaded Deck Newel
83 x 83 x 1250mm, 1500mm and 1800mm



Turned Deck Newel 83 x 83 x 1250mm



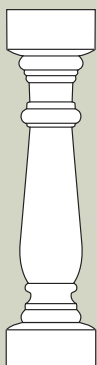
Flat Top Deck Newel
ex 100 x 100.
Available in 3600mm
and 4800mm lengths



Turned Deck Spindle
41 x 41 x 895mm



Roman Column
83 x 83 x 457mm



Eased Four Edge Deck Spindle
41 x 41 x 895mm

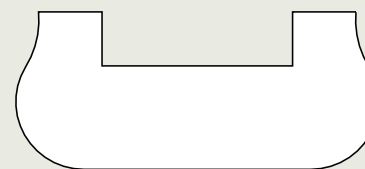


Stop Chamfered Deck
Spindle 41 x 41 x 895mm



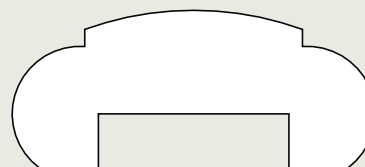
HAND & BASE RAIL PROFILES

Pressure pre-treated softwood decking.



Profile No. 921

80mm x 35mm



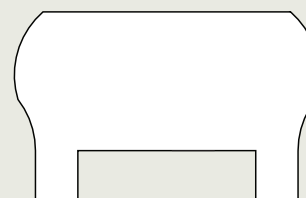
Profile No. 922

80mm x 35mm



Profile No. 931

94mm x 33mm



Profile No. 932

72mm x 45mm



Profile No. 936

120mm x 28mm



Profile No. 938

95mm x 20mm

Visit our website for our full range of profiles www.svw2000.co.uk

SHIPLAP PROFILES

Pressure pre-treated redwood.



Profile No. 203 120mm x 14mm



Profile No. 214 144mm x 14mm



Profile No. 205 120mm x 18mm



Profile No. 216 120mm x 12mm



Profile No. 206 145mm x 14mm



Profile No. 301 120mm x 14.5mm



Profile No. 209 145mm x 20.5mm



Profile No. 303 145mm x 14.5mm



Profile No. 212 119mm x 12mm



Profile No. 304 122mm x 12mm

SHIPLAP

Our Shiplap Timbers are available in a choice of either tongue and grooved or rebated designs.

Both choices are milled from quality kiln dried redwood timbers and pressure pre-treated to ensure long term protection against wood decay and insect attack.

Our shiplap designs provide a cost effective yet high performance material for a wide range of garden buildings and sheds, as well as general cladding applications.

Specific shiplap designs not included in our general range shown here can also be supplied on request. Visit our website for our full range.



PRESSURE TREATED TIMBER



Visit our website for our full range of profiles www.svw2000.co.uk

LOGLAP TIMBERS

Severn Valley Woodworks offers an extensive range of loglap softwood timbers that can create stunning and effective designs for garden buildings.

The full range of loglap timbers are machined in our own mill from quality kiln dried softwoods and are available in various lengths from 3m to 6m.

They come pressure pre-treated through our own facilities, with the latest generation TANALITH® E wood preservative. This helps ensure a long and low maintenance service life for your structure with complete protection against decay and insect attack.

As well as our standard range of loglap profiles, we can also manufacture to specific requirements. Visit our website to see our full range.



PRESSURE TREATED TIMBER

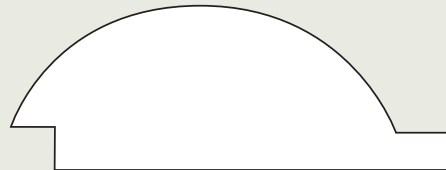


LOGLAP PROFILES

Pressure pre-treated softwood.



Profile No. 701 93mm x 18mm



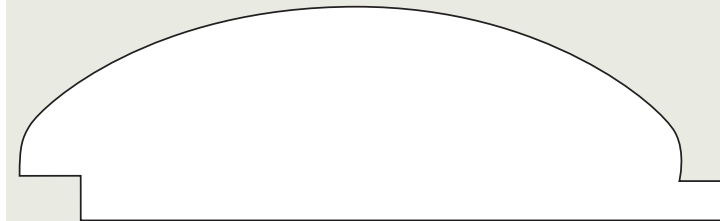
Profile No. 702 90mm x 33mm



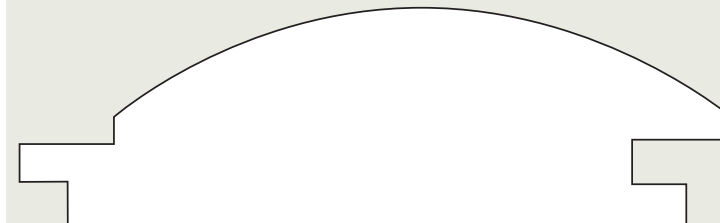
Profile No. 704 119mm x 20.5mm



Profile No. 712 119mm x 20.5mm



Profile No. 705 144mm x 44mm



Profile No. 711 144mm x 44mm

Visit our website for our full range of profiles www.svw2000.co.uk

BOARDING PROFILES

Pressure pre-treated softwood.



Profile No. **501** 94mm x 12mm TGV



Profile No. **511** 120mm x 20.5mm TGV



Profile No. **502** 94mm x 14.5mm TGV



Profile No. **401** 119mm x 18mm T&G



Profile No. **503** 122mm x 12mm TGV



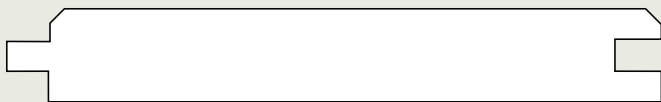
Profile No. **404** 144mm x 20.5mm T&G



Profile No. **504** 121mm x 14.5mm TGV



Profile No. **601** 94mm x 14.5mm TG2V



Profile No. **507** 144mm x 20.5mm TGV



Profile No. **602** 119mm x 20.5mm TG2V

Visit our website for our full range of profiles www.svw2000.co.uk

BOARDING

Timber boarding products from Severn Valley Woodworks provide so many design options for use within building and outdoor projects.

All profiles are machined and manufactured by ourselves from high quality kiln dried softwoods and are available in various lengths from 3m to 6m.

Our boarding timbers can be supplied either untreated or preservative pre-treated with TANALITH® E wood preservative to help ensure low maintenance and a long service life.

Our standard range of designs is shown here. However, we can also manufacture specific requirements to order.



PRESSURE TREATED TIMBER



STOCKWALLING

Severn Valley Woodworks offers a range of robust stock walling softwood timbers that can create versatile and long lasting components to create both agricultural structures as well as domestic garden retaining walls.

The full range of stockwalling timbers, shown opposite, is machined in our own mill from quality softwoods and is available in various lengths from 3m to 6m.

They come pressure pre-treated through our own facilities, with the latest generation TANALITH® E wood preservative. This helps ensure low maintenance and a long service life for your structure with complete protection against decay and insect attack.

As well as our standard range of stockwalling profiles, we can also manufacture to specific requirements on request.

Visit our website to see our full range of profiles.

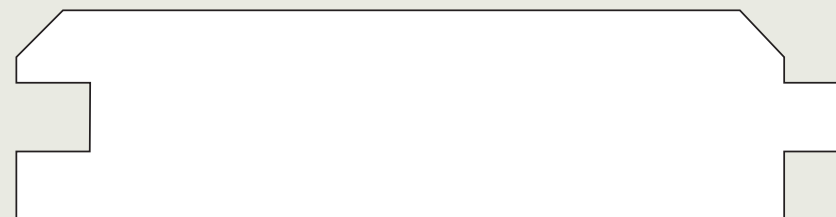


PRESSURE TREATED TIMBER

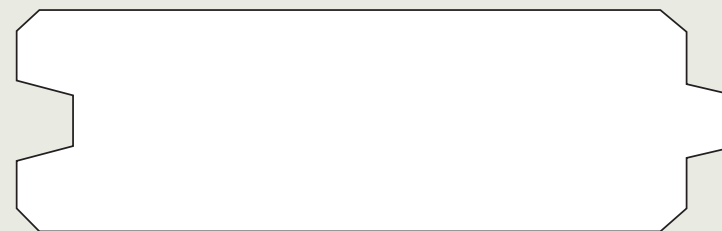


STOCKWALLING PROFILES

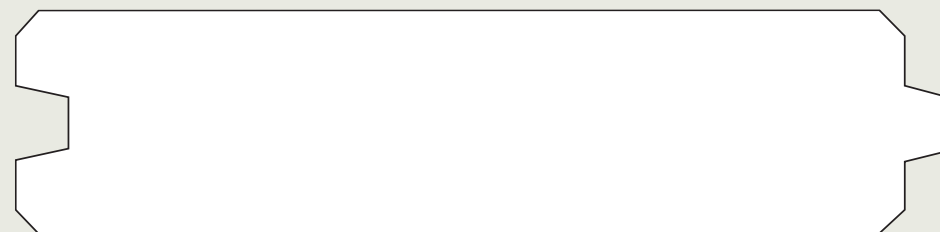
Pressure pre-treated softwood decking.



Profile No. **805** 169mm x 42mm



Profile No. **806** 145mm x 45mm

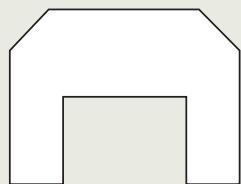


Profile No. **807** 190mm x 45mm

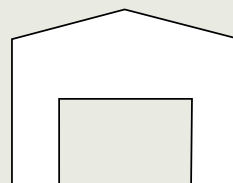
Visit our website for our full range of profiles www.svw2000.co.uk

FENCE CAPPING PROFILES AND PICKET PALES

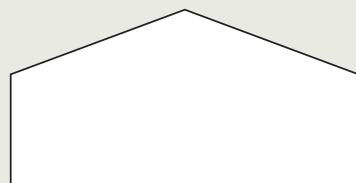
Pressure pre-treated softwood.



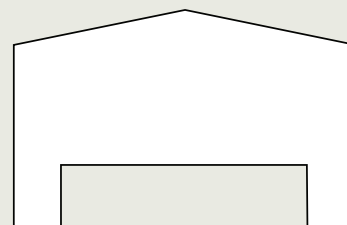
Profile No. **907** 46mm x 35mm



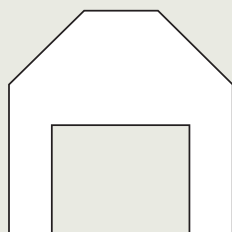
Profile No. **928** 46mm x 35mm



Profile No. **919** 70mm x 35mm



Profile No. **929** 44mm x 69mm



Profile No. **920** 45mm x 45mm



Pointed Top Pales
20mm x 70mm
in 900, 1200, 1500 and
1800mm lengths



Round Top Pales
20mm x 70mm
in 900, 1200, 1500 and
1800mm lengths

Visit our website for our full range of profiles www.svw2000.co.uk

GENERAL SOFTWOOD PROFILES

Severn Valley Woodworks offers an extensive range of softwood timber profiles for general use.

A selection of fence capping profiles is shown here together with our machined and treated round and pointed top picket pales.

The full range is machined in our own mill and is available in various lengths from 3m to 6m.

Pressure pre-treated through our own facilities, with the latest generation TANALITH® E wood preservative to give low maintenance and a long service life with complete protection against decay and insect attack.

Visit our website to see our full range of profiles.



PRESSURE TREATED TIMBER



BESPOKE PRODUCTS

As well as our standard range of machined softwood products, we can also design, manufacture and supply timber components for bespoke end uses.

These include:

- Plant display stands
- Garden buildings/cabins
- Agricultural buildings
- Golf Driving ranges



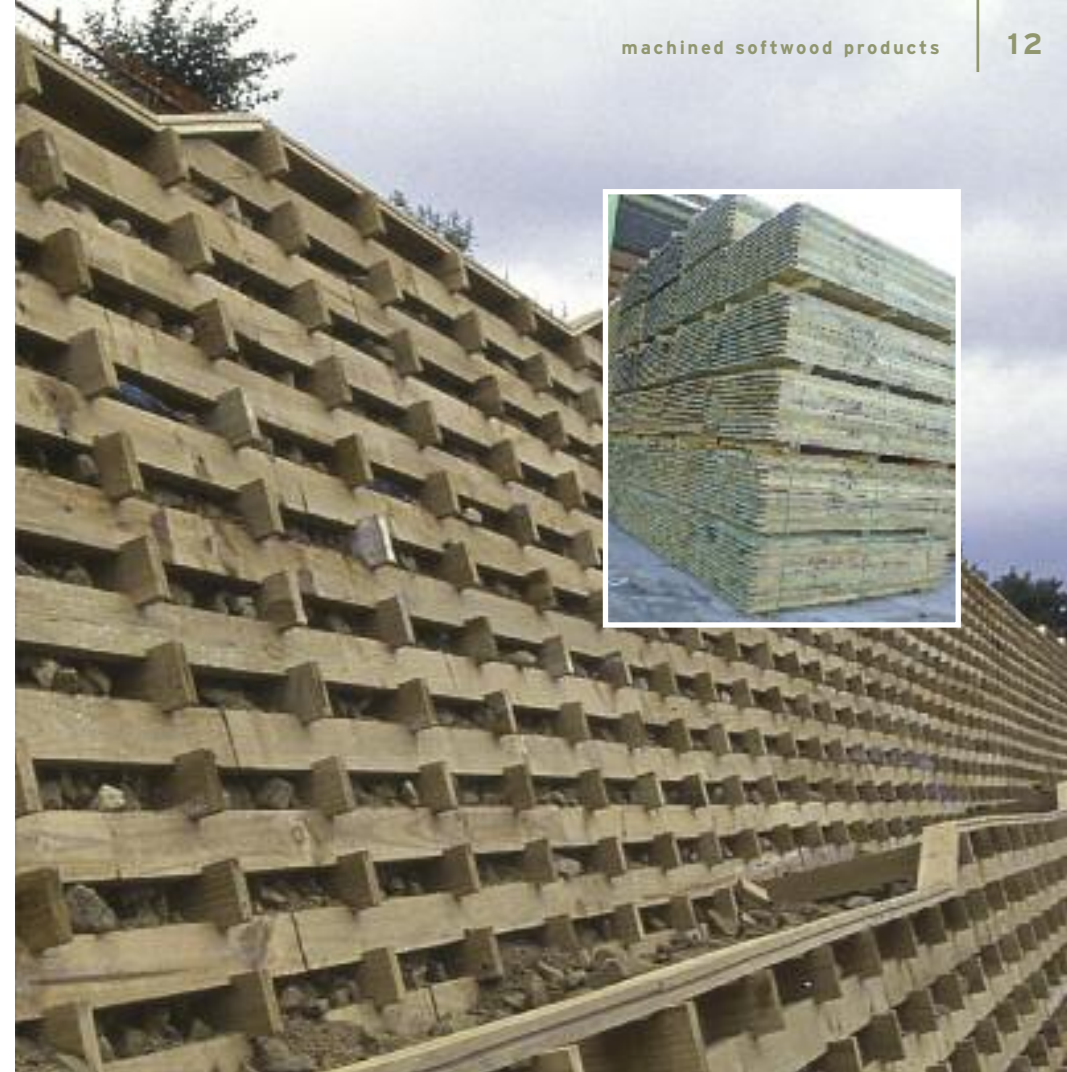
BULK MANUFACTURING

Severn Valley Woodworks has long been established as a manufacturer of bulk softwood products.

These include:

- Earth retaining wall systems that have been used in major construction projects across Europe.
- Acoustic barriers for civil engineering projects.
- Bespoke softwood planters sold through National DIY chains.
- Specialised pallets.
- Potato boxes.

In fact if you have a bulk requirement for softwood products or softwood components then we would be delighted to give you a competitive quotation.



PRESERVATIVE TREATMENT

To help ensure a long term performance of all our timbers, they are preservative treated as standard, although untreated timbers can also be supplied, if required.

We can also offer service treatments for customers own timbers.

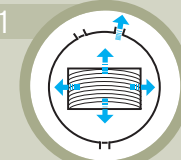
Within our pre-treatment operation we utilise the latest generation, environmentally advanced timber preservative - TANALITH® E.

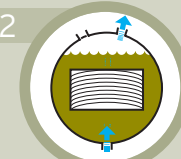
This renowned preservative gives a proven, outstanding performance, particularly for timbers intended for use in ground contact applications and all our timbers are treated to this end use category.

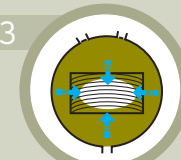
From our three on-site treatment plants, with a capacity to treat around 200m³ of timber per day, we can offer a choice of traditional pale green coloured TANALISED® treated timber or, alternatively, a rich brown coloured TANATONE® treated timber, ideal for fencing and landscaping applications.

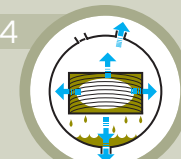


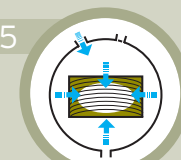
PRESERVATIVE TREATMENT PROCESS

- 

1 Timber loaded into treatment vessel. Initial vacuum applied and the timber cells are evacuated of air. Vacuum held.
- 

2 Cylinder flooded under vacuum with TANALITH® E wood preservative with TANATONE® brown colourant if required.
- 

3 Hydraulic pressure applied, forcing the preservative deep into the structure of the timber.
- 

4 Final vacuum extracts excess preservative solution, which is pumped back to storage.
- 

5 Low pressure inside timber draws in surface solution when vented to atmosphere. Treated timber is left to dry.

AUTO-TREATER COMPUTERISED PLANT CONTROL

The day to day control of our timber treatment operations is fully automated, providing a wide range of advantages - improvements in health and safety, greater production efficiency, accurate measurement of preservative uptakes and significant cost savings, which we then pass on to our customers.



USE CLASSES

USE CLASS	TYPICAL SITUATION
1	Internal building timbers with no risk of wetting or condensation.
2	Internal building timbers with a risk of wetting or condensation.
3	External building, fencing and landscaping timbers used out of ground contact.
4	External building, fencing and landscaping timbers used in ground contact.



Use Classes are defined by British and European Standards, providing a guide to the risk of decay and insect attack to timber components, depending upon their end use. The higher the Use Class, the higher the level of preservative protection required. SVW treat all our timbers to meet either Use Class 3 or 4.

THE BEST CHOICE FOR OUR ENVIRONMENT

"Wood plays a major role in combating climate change... Greater use of wood products will stimulate the expansion of Europe's forests and reduce greenhouse gas emissions by substituting for fossil fuel intensive products."

European Commission's DG Enterprise.

Timber is our most environmentally sound construction material.

Severn Valley Woodworks source its timbers from well managed and responsible suppliers who are committed to active replantation programmes in the forests they harvest. The European timber industry, which supplies the overwhelming majority of our timber, has overseen a steady expansion of Europe's forests over the past 60 years. Between 1990 and 2000 the European forest area grew by 30% and this growth continues, as only 65% of the annual growth is harvested.

The industrial preservative pre-treatments of the majority of our timbers help to ensure they will have the longest service life possible to protect against all forms of fungal and insect attack. The latest generation of wood preservative we utilise, Tanalith E, is based on copper triazole technology. The copper is derived from recycled resources and is combined with dual biodegradable triazoles, that are commonly used to protect many of the food crops we eat.



SOURCING TIMBER

Severn Valley Woodworks operate in partnership with three Swedish, three Finnish and two Russian sawmilling companies.

Our supply base has an annual production capacity of over one million cubic metres split between spruce and pine.

Buying from Sweden, Finland and Russia allows us to maintain regular supply of quality redwood and minimise the impact of unfavourable exchange rates of timber pricing.

We strive to play our full part in achieving vertical integration from forest to end user with the aim of maximising all the benefits available for our customers.

CHAIN OF CUSTODY

Forest Certification is a mechanism for managing our forests within the principles of sustainable development. The two main international schemes are FSC® and PEFC. Chain of Custody is the paperwork flow through the chain, from the forest to the final retailer or merchant to prove that the timber in the product is derived from well-managed resources. To claim that the timber is certified all links in the chain from the forest through to the application have to have an audited Chain of Custody process. The company has to show traceability, which means it can identify and track certified timber through its operations. It can also be used to provide traceability for schemes which verify that the wood comes from legal sources. Severn Valley Woodworks Ltd holds chain of custody for both FSC® and PEFC schemes.



INTRODUCTION TO TIMBER

TIMBER GRADING

The grading of timber considers the size, quality and condition of a piece of timber at the time of the original inspection.

There are two fundamental types of grading - mechanical and visual:

Mechanical

Mechanical grading is employed when we try to determine the strength characteristics of a piece of timber. This is usually done by measuring the stiffness of the timber when a load is applied to it by a strength grading machine.

The need to assess the strength of a piece of timber is usually required where timber is to be used in a constructional or load bearing capacity, such as the manufacture of roof trusses.

Visual

Visual grading is a judgement of the timber's appearance and suitability for its end use, considering both the natural characteristics and manufacturing imperfections of each piece.

Visual grading is used to determine grades for constructional use, although it is more usually used to determine the grade based on appearance.

The grade classification for the appearance of the timber is generally determined in the country of origin (see Timber Supply) and varies from species to species.

TIMBER SUPPLY

Severn Valley Woodworks utilise only quality timbers from both Russian and Scandinavian sources.

Russian Softwoods

The visual grade of Russian softwoods is determined by a complex set of grading rules. The grade is determined by occurrence of defects and also by the general appearance of the piece of timber.

The main commercial grades imported into the UK from Russia are as follows:

Unsorted Grade (Grades 1-3)

Fourth Grade

Fifth Grade

Scandinavian Softwoods

The main commercial grades imported into the UK from Scandinavia are as follows:

Unsorted Grade (Grades 1-4)

Sawfelling Excluding Sixths (Grades 1-5)

Fifths Grade

Sixths Grade

In the unsorted grade, greater notice is taken of the defects to the better face and to the fact that edge defects are more decisive than the face defects in determining the grade.

Where defects occur close together on a piece, particularly with knots, the size and quantity of the allowable defects must be less than would otherwise be allowed and the general impression of the cluster of

defects must be the basis for determining the grade. Defects that occur in the middle part of a piece are likely to be of greater influence on the grade than defects on the ends.

This guide is not intended to be definitive and in the case of any dispute, reference should be made to the appropriate grading rules as a matter of course.

TIMBER DEFECTS

Defects in timber are classified into two main groups, as follows:

Defects in Quality

- i. Structure - comprising of knots, pitch pockets, bark pockets, compression wood, pitch wood, interlocking grain, cross grain, water wood streak, scars, rot, insect damage.
- ii. Manufacture - these arise in the course of production of the sawn timber. These comprise wane, wrong measure and other manufacture defects.
- iii. Shakes, Checks, and Splits - are of three different kinds - heart shakes, ring shakes and seasoning checks and splits that occur during the seasoning of sawn timber. With checks and splits they are measured by lengths and depth with particular regard for their width.
- iv. Deformities - include twist, cupping, bowing and springing.

Defects in Condition

- i. Moisture - where the moisture content of the timber is not as stipulated in the contract and the timber cannot be considered properly seasoned.
- ii. Blue - a discolouration penetrating the sapwood caused by fungi. There are two types; log blue present in the log before it is sawn, yard and kiln blue colour after sawing.
- iii. Other discolouration - surface colour changes can take place during drying and storing.

Some of the key timber defects are as follows:

Shake

Is a lengthwise separation of the wood which usually occurs between or through the rings of annual growth.

Split

Is a separation of the wood due to tearing apart of wood cells. Split is usually due to large variations in temperature.

Stain

Is a marked variation from the natural colour of the wood. Natural colour will be uniformly distributed through certain annual rings, whereas stains are usually in irregular patches. Stained wood does not reduce the strength of the piece but may be undesirable where appearance grade timber is required. Stain is usually brown or blue.

Mould

A fine vegetable growth, or mildew, that forms on wood in damp stagnant atmospheres. It is the least harmful type of fungus and is usually confined to the surface of wood.

Wane

Bark or lack of wood on the edge or corner of a piece of timber.

Weathering

Resisting alternate wet and dry conditions. Chemical and mechanical discolouration and disintegration of wood surfaces occur due to exposure to weather, dust, light. Also fibre change may occur due to varied moisture content.

TIMBER TYPES AND STRUCTURE

Softwoods

Conventional term used to denote the timber from trees belonging to the botanical group, the Gymnosperms. Commercial timbers of this group are practically confined to the class of Coniferae, or Conifers.

Hardwoods

General term used to denote the timber from trees belonging to the botanical group, the Angiosperms. Hardwood timbers are generally from slow grown, broad leafed species.

Heartwood

A term applied to the central portion of a log including the pith and the adjacent wood which may be defective.

Sapwood

Sapwood is the outer layers of growth between the bark and the heartwood. The outer two to three inches of the sapwood is the living fibre actively involved in growth. The sapwood is the portion of the tree that is most susceptible to stain. Bright sapwood shows no stain and is not limited in any grade, except as specifically provided.

Annual ring of growth (measurement of)

An average number of annual rings at either one end of a piece of timber, over a 3" line. The line is usually measured along the centre three inches of the longest radial line that can be drawn along the piece of timber.

TIMBER MOISTURE CONTENT AND DRYING

Timber is "hygroscopic". This means it will take in and give up moisture depending on the condition in which it is placed. It is therefore most important that we have timber at the right "moisture content" before it is put in-situ. The "moisture content" is the weight of water in the wood expressed as a percentage of the weight of oven dry wood. The "moisture content" of dry wood should range from 14% to 20%.

Why do we dry timber?

Look at any felled tree and the first thing you notice is how wet it is. When it is sawn and is still wet, it will not twist, warp or bend. If you manufacture anything from wet timber, there is a very good chance it will become distorted, shrink, split and generally be unusable. When you dry timber these problems are minimised.

By drying timber in a correct manner, tension within the timber, which can cause many defects, is relieved, and we create timber that is ready for the manufacturing process.

There are several advantages to using dry timber. It is stronger and holds nails better than green timber; it is more stable and also

INTRODUCTION TO TIMBER CONT...

minimises future warping; it is less subject to stain, decay and insect attack and is easier to paint and treat with preservatives.

Air Drying

This is carried out by stacking pieces of timber on top of each other, separated by lathes or sticks to allow air to circulate. Alternatively, it can be achieved by placing timbers at right angles to each other, creating gaps for air circulation. This method of drying can take some considerable time.

Kiln Drying

This is the method used to speed up the drying process using a kilning chamber or de-humidifier.

TIMBER DURABILITY

Durability is an important consideration when specifying timber. The sapwood of most timbers is considered perishable and therefore assessments of the natural durability of any species of timber is based on its heartwood.

The basic classifications of durability are as follows:

Perishable

Less than 5 years when in contact with the ground.

Non durable

5-10 years when in contact with the ground.

Moderately durable

10-15 years when in contact with the ground.

Durable

15-25 years when in contact with the ground.

Very durable

More than 25 years when in contact with the ground.

All the tests refer to heartwood stakes of 50mm x 50mm section driven in the ground.

Because the softwood timbers we utilise contain considerable amounts of sapwood, Severn Valley Woodworks pressure preservative pre-treat our timbers to help ensure they have low maintenance and a long service life. Further details on these pre-treatments and the preservatives we use are shown on page .

GENERAL TIMBER TERMS

Quarter Sawn

Otherwise known as Rift Sawn. Timbers cut radially from the log, which gives a vertical edge of straight grained appearance.

Hit or Miss

Means the piece of timber after machining may be completely surfaced, partly surfaced or entirely rough, depending upon the accuracy of the machining.

TIMBER INDUSTRY ABBREVIATIONS

ACT	Actual Measure	MR	Moisture Resistant
A.D.	Air Dried	M.T.W.	Machined to Width
Batten	Sawn softwood 50/100mmx125/200mm	NOM	Nominal Measure
Baulk	Sawn timber 100 x 115mm or greater	OSB	Orientated Strand Board
Board	Sawn softwood under 50mm thick x 100mm & up	PCS	Pieces
B.H.N.D.	Borer Hole No Defect	P.E.T.	Precision End Trimmed
B/L	Bill of Lading	P.H.N.D.	Pin Hole No Defect
B.S.N.D.	Blue Stain No Defect	Prefelted	Bitumen Coated Roof Decking
C&F	Cost and Freight	PTL	Packaged to Length
CDX	Softwood Ply	P.A.R.	Planed All Round
C.I.F	Cost Insurance & Freight	P.S.E.	Planed Square Edge
Class 1/0	Flame Retardant classification	P.T.G.	Planed Tongued & Grooved
C.L.S.	Canadian Lumber Standard	PTGV1/S	Planed Tongued Grooved & V Jointed one side
Cu.Ft.	Cubic Foot	PTGV2/S	Planed Tongued Grooved & V Jointed two sides
Deal	Sawn softwood 50/100mmx225/275mm	PIE/S1E	Planed or Surfaced 1 edge
D.B.B.	Deals Battens & Boards	P2E/S2E	Planed or Surfaced 2 edges
D/D	Delivered	P1S/S1S	Planed or Surfaces 1 side
F.A.S.	Firsts & Seconds (As well as Free Alongside)	P2S/S2S	Planed or Surfaced 2 sides
F.B.M.	Foot Board Measure	P1S1E/S1S1E	Planed or Surfaced 1 side & 1 edge
F.B.Y.	Free Buyers Yard	P2S1E/S2S1E	Planed or Surfaced 2 sides & 1 edge
F.O.B.	Free on Board	R.S.	Rough Sawn
F.O.M.	Free on Motor	S4S	Surfaced 4 Sides
F.O.R.	Free on Rail	Scantling	Sawn softwood 50/100mm x 50/115mm
F.O.W.	First Open Water	S.D.	Shipping Dry
F/R	Fire Resistant/Retardant	S.E.	Square Edged
K.D.	Kiln Dried	STD	Standard
Lin.Ft.	Linear Foot	Strip	Sawn softwood under 50mm x under 100mm
Lin.M.	Linear Metre	TB	Truck Bundled
M ²	Square Metre	Troms	Heavy Density Chipboard
M ³	Cubic Metre	T/T	Through & Through (Sawn)
M.C.	Moisture Content	U/S	Unsorted
MDF	Medium Density Fibreboard	WBP	Weather & Boil proof
Merch	Merchantable	W/E	Waney Edge

CONVERSION TABLES

LENGTHS

Nominal Imperial	Metric stock size	Actual Imperial
4 ft	1.2 m	3 ft 11 ins
5 ft	1.5 m	4 ft 11 ins
6 ft	1.8 m	5 ft 10 ins
7 ft	2.1 m	6 ft 10 ins
8 ft	2.4 m	7 ft 10 ins
9 ft	2.7 m	8 ft 10 ins
10 ft	3.0 m	9 ft 10 ins
11 ft	3.3 m	10 ft 9 ins
12 ft	3.6 m	11 ft 9 ins
13 ft	3.9 m	12 ft 9 ins
14 ft	4.2 m	13 ft 9 ins
15 ft	4.5 m	14 ft 9 ins
16 ft	4.8 m	15 ft 9 ins
17 ft	5.1 m	16 ft 8 ins
18 ft	5.4 m	17 ft 8 ins
19 ft	5.7 m	18 ft 8 ins
20 ft	6.0 m	19 ft 8 ins
21 ft	6.3 m	20 ft 8 ins
22 ft	6.6 m	21 ft 7 ins
23 ft	6.9 m	22 ft 7 ins
24 ft	7.2 m	23 ft 7 ins

CROSS SECTIONS

Nominal Imperial	Metric stock size	Actual Imperial
5/8 in	16 mm	5/8 in
3/4 in	19 mm	3/4 in
7/8 in	22 mm	7/8 in
1 in	25 mm	3 ¹ / ₃₂ in
1 1/4 ins	32 mm	1 1/4 ins
1 1/2 ins	38 mm	1 1/2 ins
1 3/4 ins	44 mm	1 ²³ / ₃₂ ins
2 ins	50 mm	1 ³¹ / ₃₂ ins
2 1/2 ins	63 mm	2 ¹⁵ / ₃₂ ins
3 ins	75 mm	2 ¹⁵ / ₁₆ ins
4 ins	100 mm	3 ¹⁵ / ₁₆ ins
5 ins	125 mm	4 ²⁹ / ₃₂ ins
5 1/2 ins	138 mm	5 ⁷ / ₁₆ ins
6 ins	150 mm	5 ²⁹ / ₃₂ ins
7 ins	175 mm	6 ⁷ / ₈ ins
8 ins	200 mm	7 ⁷ / ₈ ins
9 ins	225 mm	8 ²⁷ / ₃₂ ins
10 ins	250 mm	9 ²⁷ / ₃₂ ins
11 ins	275 mm	10 ¹³ / ₁₆ ins
12 ins	300 mm	11 ¹³ / ₁₆ ins

RUNNING METRES IN A CUBIC METRE

	16mm	19mm	22mm	25mm	32mm	38mm
75 mm	833.33	701.75	606.06	533.33	416.67	350.88
100 mm	625.00	526.32	454.55	400.00	312.50	263.16
125 mm	500.00	421.05	363.64	320.00	250.00	210.53
138 mm	452.90	381.39	329.38	289.86	226.45	190.70
150 mm	416.67	350.88	306.03	256.67	208.33	175.44
175 mm	357.14	300.75	259.74	228.57	178.57	150.38
200 mm	312.50	263.16	227.27	200.00	156.25	131.58
225 mm	277.78	233.92	202.02	177.78	138.89	116.96
250 mm	250.00	210.53	181.82	160.00	125.00	105.26
275 mm	227.27	191.39	165.29	145.45	113.64	95.69
300 mm	208.33	175.44	151.51	133.33	104.17	87.72
	44mm	50mm	63mm	75mm	100mm	150mm
75 mm	303.03	266.67	211.64	177.78	133.33	88.89
100 mm	227.27	200.00	158.73	133.33	100.00	66.67
125 mm	181.82	160.00	126.98	106.67	80.00	53.33
138 mm	164.69	144.93	115.02	96.62	72.46	48.31
150 mm	151.52	133.33	105.82	88.89	66.67	44.44
175 mm	129.87	114.29	90.70	79.19	57.14	38.10
200 mm	113.64	100.00	79.37	66.67	50.00	33.33
225 mm	101.01	88.89	70.55	59.26	44.44	29.63
250 mm	90.91	80.00	63.49	53.33	40.00	26.67
275 mm	82.64	72.73	57.72	48.48	36.36	24.24
300 mm	75.76	66.76	52.91	44.44	33.33	22.22

Area

Multiply number of	By	To obtain equivalent number of
Acres	4046.86	Sq metres
	0.404686	Hectares
	0.004047	Sq kilometres
Sq miles	258.999	Hectares
	2.58999	Sq kilometres
Hectares	2.47105	Acres
Sq kilometres	247.105	Acres
	0.3861	Sq miles
Hectares	0.01	Sq kilometres

Length

Multiply number of	By	To obtain equivalent number of
Inches (in)	25.4	Millimetres (mm)
	2.54	Centimetres (cm)
Feet (ft)	30.48	Centimetres (cm)
	0.3048	Metres (m)
Yards (yd)	0.9144	Metres
Miles (land 5280ft)	1.609344	Kilometres (km)
Centimetres	0.3937	Inches
Metres	3.2808	Feet
Kilometres	0.62137	Miles

UK Imperial Measurements

Length	=	
12 inches	=	1 foot
3 feet	=	1 yard
5,280 feet	=	1 mile
1,760 yards	=	1 mile
Area	=	
144 sq inches	=	1 sq foot
9 sq feet	=	1 sq yard
4,840 sq yards	=	1 acre
640 acres	=	1 sq mile

Metric Measurements

Length	=	
10 millimetres	=	1 centimetre
1,000 millimetres	=	1 metre
100 centimetres	=	1 metre
100 metres	=	1 hectometre
10 hectometres	=	1 kilometre
Area	=	
100 sq millimetres	=	1 sq cm
10,000 sq metres	=	1 hectare
100 hectares	=	1 sq km

NOTES PAGE



Severn Valley Woodworks has its own transport fleet to help ensure prompt and efficient deliveries throughout the UK



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