



Stanbrook & Nicholson

Defining Excellence
in Joinery

Timber Guide

In Partnership with



1. INTRODUCTION

There really is something romantic about the traditional use of timber for the manufacturing of your windows and doors. Naturally renewable and sustainably sourced timber is as beautiful as it is strong, as welcoming as it is secure, and has always been at the heart of Stanbrook & Nicholson.

Ensuring that we use only the finest in quality engineered timber for the manufacturing of all our products, is of course of utmost importance to us. This is why we have partnered with Timbet – one of the industry's leading and pioneering timber traders, to provide us with the perfect source for all our timber needs.

Timbet have come from similar humble beginnings as Stanbrook & Nicholson; established in 1943, this family run business have been sourcing, purchasing, kilning, storing and delivering timber all over Europe for over 60 years, and can now pay claim to being a global market leader, offering one of the largest timber product ranges in Europe.



Their dedication to on-going development for the sourcing of sustainable timber, accompanied by a commitment to improving industry standards as a whole, has won Timbet several awards over the last few years, including General Trader of the Year, Hardwood Trader of the Year, Panel Product Trader of the Year and, most prestigiously, Timber Trader of the Year. It is for these very reasons that we work hand in hand with Timbet, to ensure that all of our products are manufactured using the highest quality, sustainably sourced, engineered timber.

Alongside our partnership with Timbet, we are also proud to work closely with Teknos, official suppliers of industrial coating systems, providing a complete coating package for modern, high performance, joinery, all of which helps to ensure that you get the very best and longest possible service life from your timber products.

2. WHY TIMBER?



ELEGANT & ATTRACTIVE

Timber enjoys a flexibility in window and door design that other materials find hard to match. Easy to work with and available in a wide range of products, species and sizes, timber encourages innovation and creativity.

Given the versatility of most timber species, designers are not bound to using the common extruded sections or finishes found in most aluminium and PVC projects. Wood can be easily shaped, moulded or bent to suit a particular project or assembled into much larger units, which is why we pride ourselves on our high quality range of bespoke timber windows, doors and roof lanterns.

Manufacturing our timber products is innately flexible, as timber can be shaped and moulded to suit each project and design. The size, shape and configuration of each and every timber component are equally flexible, and the detail of assembly can easily accommodate glass of different thickness, or walls of different types.

Timber units also have a wide range of finishing options, and we are proud to be working with Teknos to provide some of the industry's leading protective stains. Alternatively, your timber products can be left unfinished to weather naturally. Either way, timber really does offer a unique experience for the end user, expressing a contemporary beauty, intrinsically rooted in nature, and maintaining a sustainable respect for the environment.

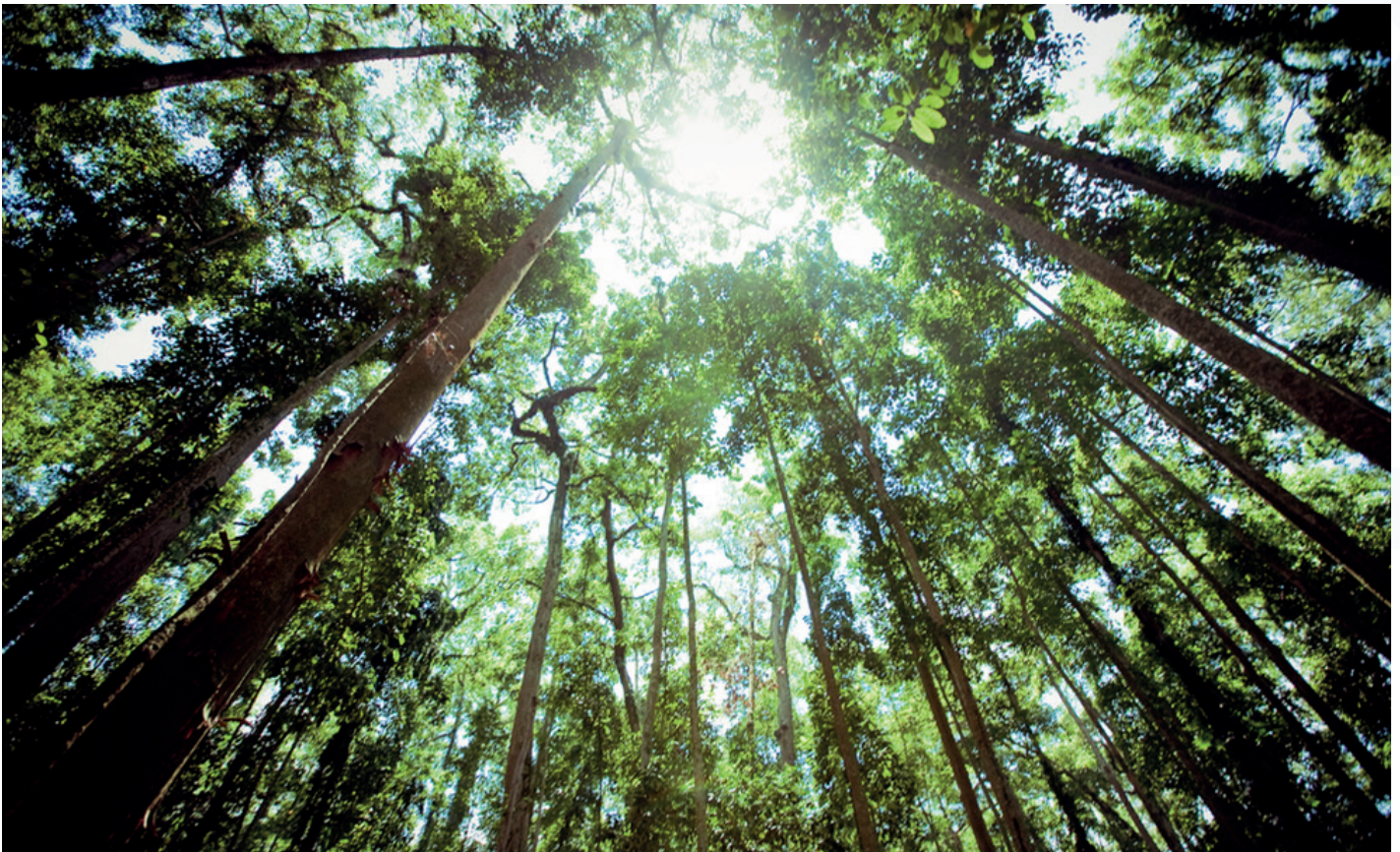
 **ECO-FRIENDLY**

Stanbrook & Nicholson are committed to using sustainably sourced timber, placing a high priority on maintaining our environmental pledge, which is why we work in partnership with Timbmet and Teknos, who are equally committed to environmental, sustainable and responsible business solutions.

The FSC certified 100% Red Grandis timber which we use for all our timber needs, is responsibly sourced from a sustainable plantation in Uruguay. Its certification reflects its proper use of forestry resources and the implementation of specific regulations, ensuring the plantations are well managed with consideration for people, wildlife and the environment.

All Teknos factories have quality and environmental management systems, certified in accordance with ISO 9001 and ISO 14001. Joinery coatings are water based, with VOC levels significantly below current and proposed legislative levels, and free of all heavy metal additives.

Timbmet are in full compliance with the new EUTR legislation, having already operated in this way for several years.



 **THERMALLY SECURE**

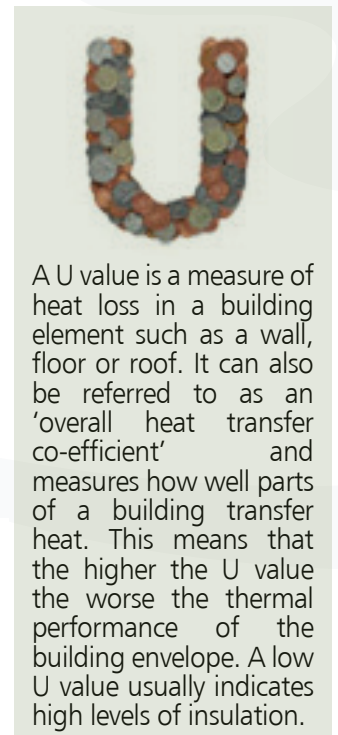
Stanbrook & Nicholson are committed to using sustainably sourced timber, placing a high priority on maintaining our environmental pledge, which is why we work in partnership with Timbmet and Teknos, who are equally committed to environmental, sustainable and responsible business solutions.

The FSC certified 100% Red Grandis timber which we use for all our timber needs, is responsibly sourced from a sustainable plantation in Uruguay. Its certification reflects its proper use of forestry resources and the implementation of specific regulations, ensuring the plantations are well managed with consideration for people, wildlife and the environment.

All Teknos factories have quality and environmental management systems, certified in accordance with ISO 9001 and ISO 14001. Joinery coatings are water based, with VOC levels significantly below current and proposed legislative levels, and free of all heavy metal additives.

Timbmet are in full compliance with the new EUTR legislation, having already operated in this way for several years.











MATERIAL	U-VALUE (W/MK)	R-VALUE (100MM)	DENSITY (KG/M3)
Glass Wool Insulation	0.038	2.6315	52
Softwood	0.135	0.7407	550
Hardwood	0.175	0.5714	700
Concrete	0.93	0.1075	2300
Steel	45.3	0.0022	7850
Aluminium	221	0.0004	2740



3. WHICH TIMBER?

Timbmet offers one of the most comprehensive ranges of hardwoods and clear softwoods available in the UK. Their hardwood range encompasses temperate and tropical timbers from across the world, Ash through to Walnut and over 40 species of wood. Their softwood range spans clear softwoods such as Douglas Fir and Western Red Cedar from Canada and North America through to Scandinavian Redwoods, but it is the Uruguayan sourced Red Grandis, exclusive to Timbmet, which we now use across all of our timber product range.

This South American species, which is FSC certified 100%, is a high-grade timber with consistency in appearance, grain and workability. Increasingly used in furniture, cabinets, mouldings and within the window and door frame industry, Red Grandis can easily be finished to resemble other species such as Oak and Meranti, or alternatively it can be left untreated to weather to an attractive silver grey colour.

-  Responsibly sourced Red Grandis (*Eucalyptus grandis*) – a plantation-grown FSC Certified 100%, uniform hardwood timber.
-  Durable and fungi resistant – independently tested in the UK by TRADA Technology achieving Durability Class 2-3 – durable to moderately durable.
-  Structurally tested – BRE tests also prove D35 structural properties and C36 density.
-  Exclusive to Timbmet – as sawn hardwood, mouldings or Timbmet Engineered Components (TEC®) – for added dimensional stability, less waste and reduced production time.
-  All purpose – suitable for high end internal and external application including mouldings, window and door frames, furniture and cabinets.
-  High quality finish – easily stained or painted to look like other species such as Oak, Sapele and Meranti.
-  Longer, wider boards – careful management ensures tall straight trees free from natural defects with stress-free straight grain.
-  Easy to machine – excellent working properties.
-  Continuity of supply – extensive stocks of sawn boards, mouldings and engineered product.
-  Fully EUTR compliant



The mark of
sponsible forestry

Furthermore, with Teknos' equally extensive range of stains, you can coat your Red Grandis windows and doors in a wide range of shades and colours, so not only will your timber products look aesthetically pleasing but they are also guaranteed outstanding workability and durability, keeping your joinery performing and looking good throughout its service life.