



Product News

## English oak and sweet chestnut jointed cladding





# English oak and sweet chestnut jointed cladding

Combining years of experience with twenty first century technology, Vastern Timber produces a wide range of English oak and sweet chestnut cladding products.

## Sustainable, durable, versatile

English oak and sweet chestnut are the ideal cladding timbers. Sourced in the UK from well-managed, sustainable forests many of which are FSC certified, they compare favourably, both in terms of price and performance, with other species such as Canadian western red cedar.

From an environmental perspective, not only do they have a positive carbon impact in that more carbon is actually absorbed during the growing phase than is released during processing and transportation, but they also require no preservative treatment thanks to their durability which means that they are fully recyclable at the end of their life span.

Whether for small rustic projects or large modern municipal complexes, architects, designers and self builders all agree that wood is the perfect material for building exteriors, being cost effective, versatile and environmentally sensitive.

## Cutting down on waste

While jointing and laminating small sections of wood has been common practice in continental Europe and North America for many years there has been a certain reluctance in this country to use jointed timber.



The process uses short lengths of wood which are end jointed and glued together resulting in long, stable and consistently graded boards



At Vastern, we are convinced that to meet the growing demand for wood we need to make the most of this most versatile of natural resources.

By using a greater proportion of any tree felled and buying from forests primarily within a 100-mile radius of our sawmills, we have developed a product which overcomes many of today's environmental challenges without in any way compromising its high quality.

The new cladding boards, manufactured from air dried English oak and sweet chestnut, are produced using a method called finger jointing. Short lengths of wood ranging from 400mm to 1000mm

are end jointed and glued together in a press under six tonnes of pressure. The resulting boards are long, stable and consistently graded.

The environmental credentials of this product make it very attractive to both architects and designers as we effectively address the three most environmentally damaging elements in the timber industry: poor forestry practices, the impact of transport and waste.

---

On the following pages you will find a selection of recent projects featuring Vastern Timber's jointed cladding





## The Flint House

**Project** The Flint House, Blackheath

**Architect** Nick Willson Architects

**Developer** Modernarc Ltd

**Specie** Jointed oak

**Board size** 20mm x 120mm x 4.0mt

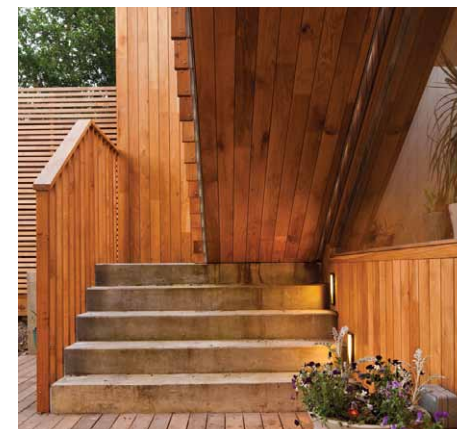
**Profile** VHL2

The Flint House is a new four bedroom family home in Blackheath, South London. Nick Willson, the architect appointed to create the family's dream home, was given the freedom to design a truly stunning and contemporary structure which combines a traditional flint and oak clad façade with a modern pre-fabricated timber frame.

Nick and his clients also wanted to minimise the environmental impact of the build by incorporating solar panels, green roofs and high insulation levels as well as ensuring that all materials used were sustainably sourced.

Vastern Timber was selected to supply FSC certified jointed oak cladding for the exterior, internal pine cladding and joinery grade oak for the windows and doors.

With the excellent standard of work carried out by the contractor, Modernarc, the end result is a building which will undoubtedly be winning design awards in the months to come.



Vertical jointed oak cladding  
at The Flint House





**“It was a simple choice to use a renewable, low embodied energy, and locally produced material.”**

David Long,  
David Long Architects

## Rushmore Primary School

**Project** Rushmore Primary School extension

**Architect** The Facility Ltd

**Developer** GML Construction Ltd

**Specie** Jointed English sweet chestnut

**Board size** 20mm x 95mm x 4.0mt

**Profile** VSP1

Rushmore Primary School in London has a reputation for excellent standards. In 2009 it was decided that the school needed extra space and London-based architects, The Facility, were appointed to design a suitable extension to the current building.

The result is a testament to wood. The structure is glulam with an internal timber frame and a timber floor.

After considering a number of options for the exterior of the extension, The Facility, together with the main contractor, GML Construction, decided that Vastern's jointed chestnut cladding was the ideal option.

According to the design team, it was chosen because the wood is tough, stable and maintenance free. Being a government backed project, it was also essential that the cladding material was responsibly sourced and had a low carbon impact.

## Newport Road

**Project** Newport Road, Barnes, London

**Architect** David Long Architects

**Developer** Mane Developments

**Specie** Jointed English sweet chestnut

**Board size** 20mm x 145mm x 4.0mt


**Profile** VHL6

Completed in February 2010 this ultra modern development was built on the site of two former garages. The house was designed as two separate blocks linked via a glazed stairwell. The upper levels of the house are wrapped in jointed sweet chestnut cladding supplied by Vastern Timber.

When asked about the choice of cladding material, David Long of David Long Architects commented “it was a simple choice to use a renewable, low embodied energy, and locally produced material”.

The build which has been reviewed in several architectural publications including Architecture Today and Future Constructor & Architect was selected as a finalist in the Best New-Build category of the Grand Designs Awards 2010.





**Vastern Timber is a family owned sawmill and timber merchant, specialising in the sawing, drying and machining of British hardwoods.**

**Product Range**

- British hardwoods
- British and European softwoods
- FSC-certified timber
- Structural British oak
- Structural British Douglas fir
- External timber cladding
- Traditional oak doors
- British hardwood flooring
- Treated softwood fencing
- Timber decking
- Hardwood skirtings and architraves
- Floor treatments and adhesives

**Vastern Timber**

The Sawmills  
Wootton Bassett  
Swindon SN4 7PD  
T 01793 853 281  
F 01793 855 336  
E [wb@vastern.co.uk](mailto:wb@vastern.co.uk)

**Vastern Timber**

Studley Sawmills  
Studley  
Calne SN11 9NH  
T 01249 813 173  
F 01249 821 090  
E [studley@vastern.co.uk](mailto:studley@vastern.co.uk)

**[vastern.co.uk](http://vastern.co.uk)**