



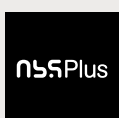
# Brimstone® Sycamore cladding



The Brimstone® range is produced by thermally modifying fast growing British hardwoods to produce durable, stable and consistent timber products that are ideally suited to exterior cladding applications. The Brimstone® range includes ash, poplar and sycamore.

Sycamore is one of the fastest growing and most abundant hardwood species in our broadleaf woodlands. The wood's silky texture makes it ideal for thermal modification, and as a bonus, the natural ripple often found in the grain is accentuated by the process. This product is ideal where a less grainy appearance is desired.

Brimstone® Sycamore is produced from the cleaner butt of the tree, where longer and relatively knot free board lengths can be achieved.



Produced to comply with the harmonised standard for construction products regulation BSEN14915:2013 and to conform with BS8605-1:2014 External timber cladding: Method for specifying.

<b>Trade Name</b>	Brimstone® Sycamore
<b>Base timber</b>	English sycamore
<b>Species</b>	Acer pseudoplatanus
<b>Process</b>	Thermal modification
<b>Origin</b>	Legal and well-managed forests in England and Wales. GIB certified.
<b>Intended use</b>	External cladding
<b>Other uses</b>	External joinery and furniture
<b>Appearance</b>	Consistent light chocolate brown colouring with a silky grain pattern. The colour is further enhanced by the application of a tinted oil such as Osmo UV resistant oil.
<b>Weathering</b>	The modification process removes most natural extractives resulting in relatively consistent weathering largely free of staining. Weathering to a grey colour occurs more quickly than on non-modified timber.
<b>Profiles</b>	All machined profiles
<b>Dimensions</b>	20 x 70mm, 20 x 95mm, 20 x 145mm
<b>Lengths</b>	Random. 1.5 – 3.0mt+
<b>Moisture content</b>	2–4% (Moisture content is stable in exterior conditions)
<b>Natural durability (EN350-2)</b>	Durable* Class 2 (Based on European testing)
<b>Insect attack</b>	Thermally modified wood is resistant to insect attack when used above ground contact.
<b>Desired service life (BS8417)</b>	Occasionally wet 60yrs* Frequently wet 30yrs*
<b>Treatability class</b>	Resistant
<b>Movement class*</b>	Small
<b>Resistance to impact*</b>	Medium
<b>Resistance to fixing</b>	High. Modified wood is brittle and should be treated with care.
<b>When to fix</b>	Year round. Very stable in all conditions.
<b>How to fix</b>	Face fix or secret fix with stainless steel ringshank nails. Pre-drilling essential.
<b>Grading</b>	BS1186-3 1990 Class 1. EN942:2007. J20. CE grade A. Clean with a few small sound knots.



Brimstone® Sycamore cladding



Weathered Brimstone® Sycamore cladding

<b>Working properties</b>	Thermally modified woods are more brittle than untreated wood. Care should be taken when cutting and nailing to prevent chipping and break out. Pre-drilling is advised. Test glues before large-scale use. Water based glues do not work well. PU glues have tested well. Otherwise treat as a normal hardwood.
<b>Extractives</b>	The modification process involves no chemicals and any natural chemicals in the wood are removed during the process. Thermally modified wood can be treated as inert.
<b>Emission of formaldehyde (EN14915)</b>	E1 (Not significant)
<b>Reaction to fire (EN14915)</b>	Euroclass F (Untested). D-s2, d0
<b>Fire treatment</b>	Untested
<b>CE compliant</b>	Yes



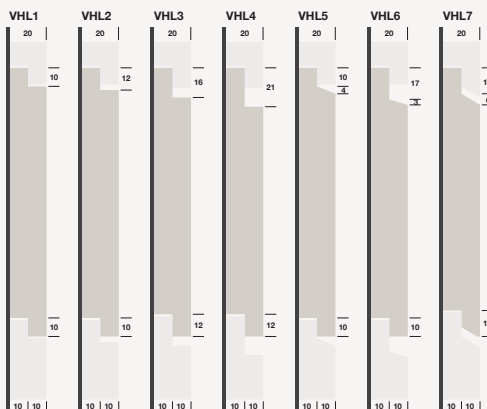
The Grown In Britain Standard assures that wood is sourced from legal and well managed British woodlands.

\*Brimstone® products are currently being tested to establish accurate data for durability, stability and strength. For now we base our information on European and American testing of similar products.

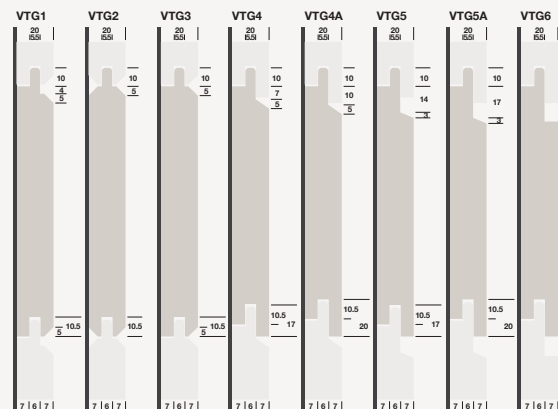
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## Cladding profiles – machined range

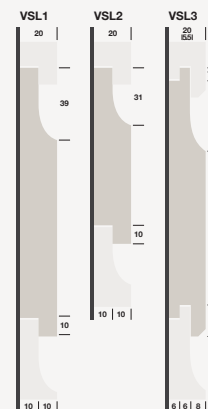
### Halflap



### Tongue and groove with a v-joint



### Shiplap



### Splayed



Visit our website for fixing details. Contact us for full technical drawings.

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**Showroom**  
Wootton Bassett  
Swindon  
Wiltshire SN4 7PD  
T +44 (0)1793 853 281  
E sales@vastern.co.uk  
@VasternTimberUK

**The Sawmills**  
Studley  
Calne  
Wiltshire SN11 9NH  
T +44 (0)1249 813 173  
E studley@vastern.co.uk

**vastern.co.uk**