



Brimstone® Ash cladding

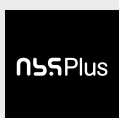


The Brimstone® range is produced by thermally modifying fast-growing British hardwoods to produce durable, stable and consistent timber products that are ideally suited to exterior cladding applications. The Brimstone® range includes ash, poplar and sycamore.

The majority of modified ash on the market is from either the US or Eastern Europe. Brimstone® Ash is produced exclusively from managed British woodlands certified under the GIB licensing scheme. The majority of these woodlands are within 100 miles of our sawmills in Wiltshire.

Brimstone® Ash has a well-defined grain and is relatively knot free, making it an excellent alternative to tropical timbers and other imported timbers such as Canadian western red cedar.

Brimstone® Ash is also well suited to decking and external joinery applications.



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.

Trade Name	Brimstone® Ash
Base timber	English ash
Species	Fraxinus Excelsior
Process	Thermal modification
Origin	Legal and well-managed forests in England and Wales. GIB certified.
Intended use	External cladding
Other uses	Decking, external joinery and furniture
Appearance	Consistent dark chocolate brown colouring with a clearly defined grain pattern. The colour is further enhanced by the application of a tinted oil such as Osmo UV resistant oil.
Weathering	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. Small cracks can develop on the surface and end grain of boards.
Profiles	All machined profiles
Dimensions	20 x 95mm, 20 x 120mm, 20 x 145mm
Lengths	Random. 1.5 – 3.0mt+
Moisture content	2–4% (Moisture content is stable in exterior conditions)
Natural durability (EN350-2)	Durable* Class 2 (Based on European testing)
Insect attack	Thermally modified wood is resistant to insect attack when used above ground contact.
Desired service life (BS8417)	Occasionally wet 60yrs* Frequently wet 30yrs*
Treatability class	Resistant
Movement class*	Very small
Resistance to impact*	Medium to high
Resistance to fixing	High. Modified wood is brittle and should be treated with care.
When to fix	Year round. Very stable in all conditions.
How to fix	Face fix or secret fix with stainless steel ringshank nails. Pre-drilling essential.
Grading	BS1186-3 1990 Class 1. EN942:2007. J20. CE grade A. Clean with a few small sound knots.



Brimstone® Ash cladding



Weathered Brimstone® Ash cladding

Working properties	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.
Extractives	The modification process involves no chemicals and any natural chemicals in the wood are removed. Thermally modified wood can be treated as inert.
Emission of formaldehyde (EN14915)	E1 (Not significant)
Reaction to fire (EN14915)	Euroclass F (Untested). D-s2, d0
Fire treatment	Untested
CE compliant	Yes



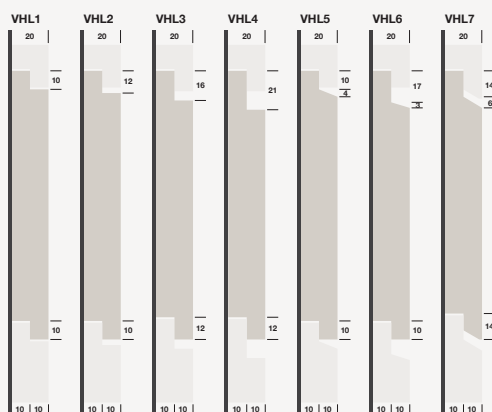
The Grown In Britain Standard assures that wood is sourced from legal and well managed British woodlands.

*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.

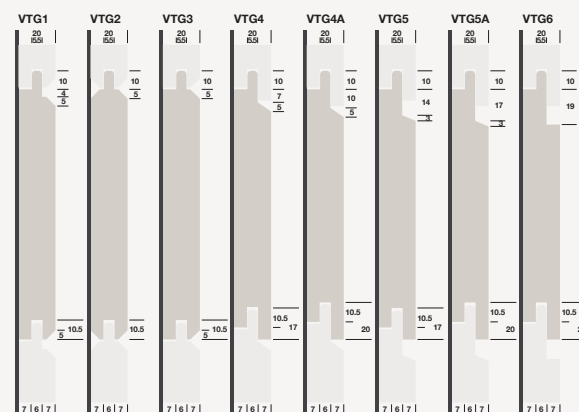
While the utmost care has been taken to provide accurate information, Vastern Timber shall not be held responsible for any consequences arising from any errors or omissions on this document nor for any damages resulting from the use of the information.

Cladding profiles – machined range

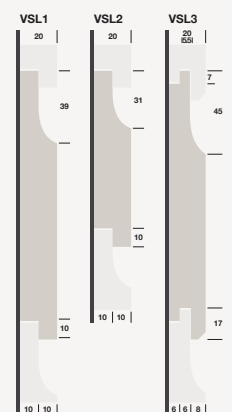
Halflap



Tongue and groove with a v-joint



Shiplap



Splayed



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

Vastern Timber

British hardwood sawmillers and timber merchants

We also offer hardwood flooring, engineered flooring, timber decking and oak beams. Please visit our showroom or contact us for further details.

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