



Brimstone® Ash cladding

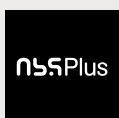


The Brimstone® range is produced by thermally modifying fast-growing British hardwoods to produce durable, stable and consistent timber products that are ideally suited to exterior cladding applications. The Brimstone® range includes ash, poplar and sycamore.

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.

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| Trade Name | Brimstone® Ash |
| Base timber | English ash |
| Species | Fraxinus Exclesior |
| 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

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| 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 |



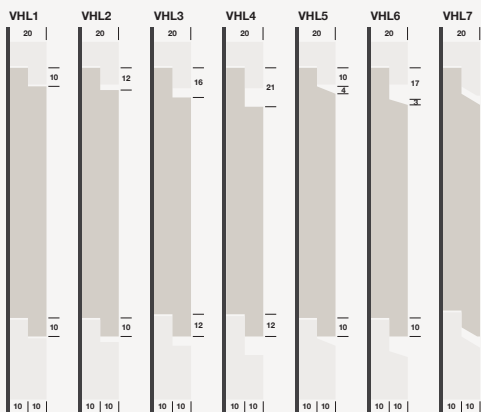
The Grown In Britain Standard assures that wood is sourced from legal and well managed British woodlands.

*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.

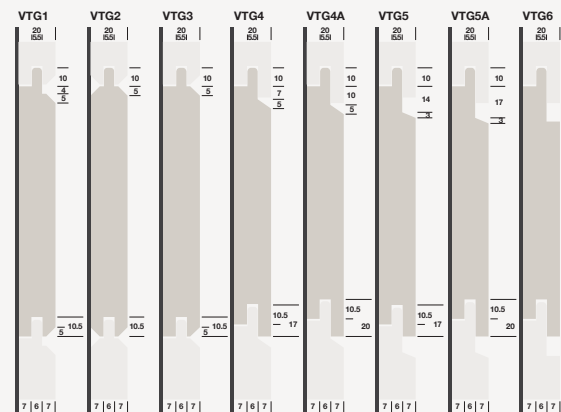
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Cladding profiles – machined range

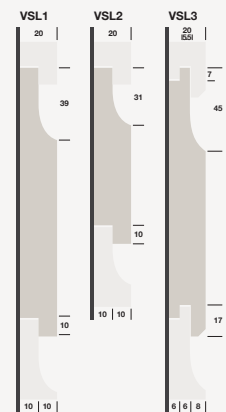
Halflap



Tongue and groove with a v-joint



Shiplap



Splayed



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

Vastern Timber

British hardwood sawmillers and timber merchants

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