VasternTimber
Brimstone® Ash Cladding

Overview

The Brimstone® range is made by thermally modifying fast-growing British hardwoods to create durable, stable, and consistent timber products, which are ideal for exterior cladding. Brimstone Ash is produced exclusively from managed British woodlands.

The majority of these woodlands are located within 100 miles of our sawmills here in Wiltshire.

Brimstone Ash is an excellent alternative to tropical hardwoods and imported species such as Canadian western red cedar.

Technical Specification

Produced to comply with the harmonized standard for construction products regulation BS EN 14915:2013+A2:2020 and to conform to BS8605-1:2014 External timber cladding: Method for specifying.

Wood Specie

British ash *(Fraxinus excelsior)*

Origin

Legal and well-managed forests in England and Wales. UKTR Compliant.

Process

Thermal modification

Intended Use / Use Class (BS EN 335)

External wall cladding (above ground), generally classified as Use Class 3

Other Uses

Decking, joinery, internal paneling

Grading (BS EN942:2007) (BS1186-3)

Clean with occasional small sound knots. All other defects removed. (BS1186-3) Class 1. (BS EN942:2007) J20.

Surface Finish

Machined / smooth

Orientation

Vertical or horizontal

Thickness

20mm

Width

70mm, 95mm, 120mm & 145mm

Tolerances

Thickness +/- 0.5mm, width +/- 1mm

Lengths

Random 1.5 – 3.0mt+

Moisture Content

Thermally modified. 5 – 8%

Durability (EN350-2)

Durable Class 1

Insect Attack

Resistant. Prone to wasp stripping

Desired Service Life (BS8417)

60 years

Movement Class

Small

Resistance to Impact

Medium

Resistance to Fixing

High. Thermally modified wood is relatively brittle.

Mean Density

360 kg / M3

When to Fix

No restrictions

Recommended Fixings

Fix with stainless steel ring shank nails or screws.

Battens

Durable, thermally modified or green treated softwood 40 x 45mm at 400–500mm centres. Plus 25–40mm thick x 45mm counter batten for vertical cladding.

Circularity

Supplied without surface coatings or added chemicals.

Screw fix for easy deconstruction and replacement of damaged boards.

End of life – Recycle, burn or compost.

Working Properties

Care should be taken when cutting and nailing to prevent chipping and break out. Pre-drilling is essential. Use PU type glues. PVA type glues do not perform well. Otherwise treat as a normal hardwood.

Extractives

The modification process uses no added chemicals and removes most natural compounds in the wood. Some brown colouring may leach out during the first few rainfalls.

Emission of Formaldehyde (EN14915)

E1 (Not significant)

Reaction to Fire (EN14915)

Euroclass F (Untested). D-s2, d0

Fire Retardant Treatment / Coating

Possible

UKCA Compliant (EN14915)

Yes

BRIMSTONE®

Product Appearance and Profile Diagrams →

Brimstone® Ash Cladding

Appearance

Brimstone Ash features a rich chocolate-brown colour, clearly defined grain, and a clean, contemporary appearance with only occasional small knots.

Weathering
Boards weather to grey within a few months. Small surface and end grain cracks may develop. Northerly elevations may grow mould and darken.



Brimstone® Ash Cladding



Detail

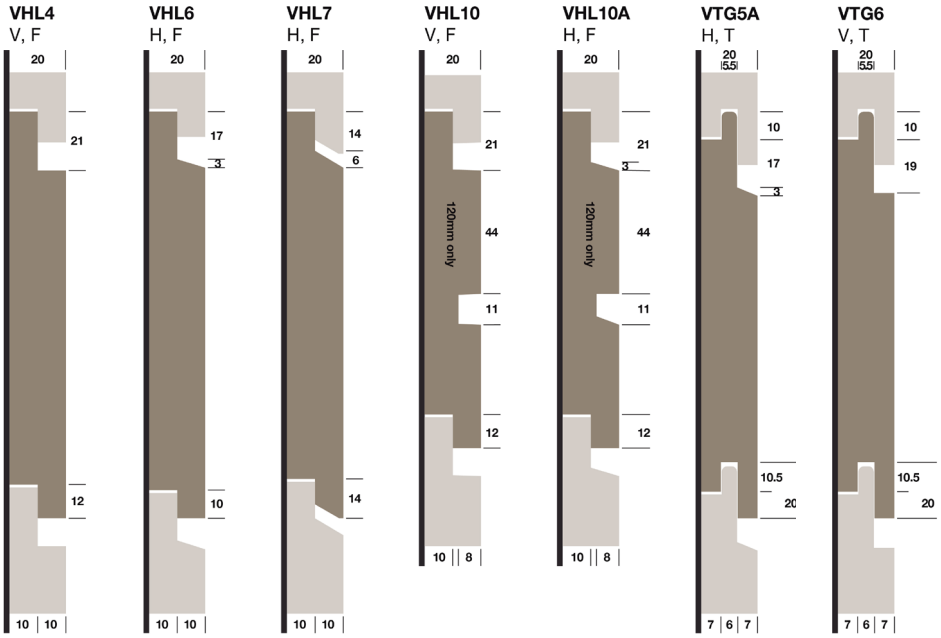
Installation

General Installation Guidance

- **Only use stainless steel fixings**
- Pre-drilling essential to avoid splitting.
- Allow min 2mm expansion gap between overlapping boards.
- Allow adequate air circulation behind cladding.
- Attach breather membrane between external face of building and battens.
- Allow min 10mm drainage gap at base of cladding.
- Install insect mesh to close off cavity behind cladding.

Popular Profiles

Find our full range online: **vastern.co.uk**



(V) Vertical orientation / (H) Horizontal orientation / (F) Exposed nail through face / (T) Hidden nail through tongue

Further Information

'Thermally Modified Hardwoods in Construction' CPD explains the thermal modification process, compares species and products, and explores the benefits of choosing British sourced products over imported products.

CPD CERTIFIED
The CPD Certification Service

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

Vastern Timber Ltd
Wootton Bassett, Swindon
Wiltshire SN4 7PD

01793 853 281
sales@vastern.co.uk
vastern.co.uk

VasternTimber