

technical description



Sizes

Doors are purpose-made to sizes required, subject to performance limits. An extensive size range is possible even for fire-resisting doors.

Fire and smoke control

Doors can be supplied to provide 30 or 60 minutes fire resistance, independently tested and certified to the latest European standards including BS EN 1634-1.

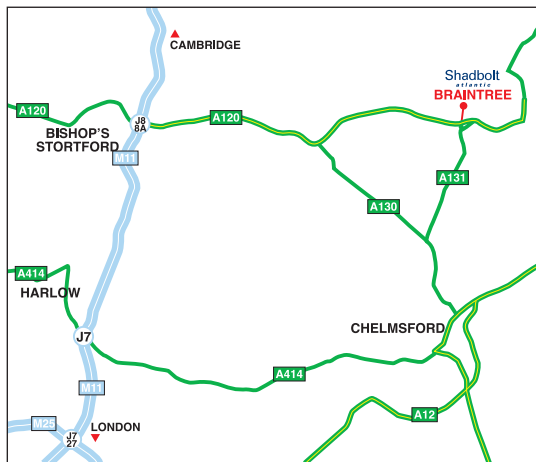
Smoke control doors can also be supplied to comply with current Building Regulations.

Sound insulation

Doors can be supplied providing up to 35dB weighted sound reduction index Rw.

Mechanical

Suitable for Severe duty Class 4.



Shadbolt Atlantic
Springwood Drive, Braintree
Essex, CM7 2YN. United Kingdom

T +44 (0) 1376 333376

F +44 (0) 1376 333377

E sales@shadboltatlantic.co.uk

July 2011

high quality

economical doors

Shadbolt Atlantic doors use the same high quality construction and provide the same performance as standard Shadbolt doors.

By adopting a more flexible policy for veneering, we are able to provide:

- Environmental benefits by maximising the use of material.
- A more economical solution whilst not compromising performance.
- High quality and performance; manufactured under ISO 9001.
- ENcore door construction for stability and durability.
- Fire-resisting and acoustic doors available.

veneers

For environmental and cost benefits, we have adopted more efficient policies with regard to veneering Shadbolt Atlantic doors, to maximise the use of materials.

This means that we can use the whole of each veneer log and where necessary combine different logs on one scheme. Thus material is used more effectively with less environmental impact.

FSC (Forest Stewardship Council) and PEFC (Programme for Endorsement of Forest Certification) certified material is used wherever available.



Veneering choices

In order to minimise wastage, Shadbolt Atlantic veneers use up whole logs, giving a mixture of both crown cut and straight grain leaves.

To give a balanced appearance, veneers are always slip-and-turn matched.

Veneers are not sequentially matched, and first and last veneer leaf widths may not be equal.

Whilst pairs of doors can be integrally matched face-to-face, this product is not offered with through-matched veneered overpanels.

Readily available veneers



Weathered Sycamore



Steamed Beech



Chestnut



Maple

Veneers are shown as an indication within the limits of colour reproduction. Selection should always be made from actual samples.



American Walnut



American Cherry



European Oak

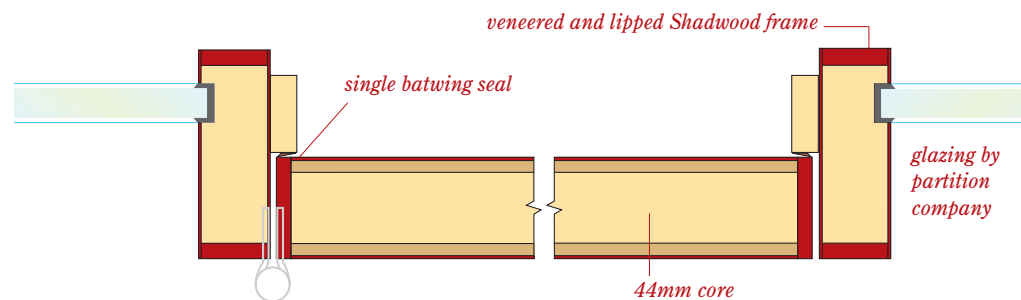


**Shadwood...
new high quality
veneered door
frames**

Shadwood

To maximise the use of resources, Shadwood frames comprise solid engineered timber with concealed hardwood lippings and decorative face veneers. Large section frames can now be offered free of sap, knots, splits and colour defects to both faces (ideal for partitioning contractors).

Section of Atlantic door and frame in glazed partition



The solid timber construction can be easily worked with conventional tools.

FSC certified under Shadbolt COC (Chain of Custody) certificate.

Unlike hardwood, FD60 Shadbolt Atlantic frames can now be offered in Ash, White Beech, Steamed Beech and American Cherry.

Non-fire rated and FD30 frames do not require pilot drilling when fitting hinges.

Shadwood components

Shadwood is also available in loose sections (for assembly by others) in a variety of different lengths and profiles, and offers the following benefits:

- Ultra dry and therefore very stable.
- Relatively lightweight.
- Consistent colour (can be controlled) – similar colours and grains.
- Compliant with J5 specification (BS EN 942:2007)
- A readily available product.
- Guaranteed for 5 years.