

doors and doorsets educational buildings



Shadbolt purpose-made internal doors, doorsets and wall lining panels for schools and other education buildings enable specifiers to meet government guidance and standards for acoustic performance, fire protection and durability.

A comprehensive manual *Shadbolt Doors and Doorsets for Schools and Educational Establishments*, is available on CD on request.

Acoustics

Shadbolt products can assist the specifier in meeting performance requirements by means of:

Shadbolt acoustic (sound insulating) doorsets help to protect teaching spaces from outside noise. These have been comprehensively tested and provide up to 44dB SRI Rw. They can also give up to 60 minutes fire resistance.

Shadbolt acoustic (sound absorbing) wall lining panels can reduce reverberations and thus improve acoustics in classrooms and teaching spaces. They also help to reduce noise in circulation spaces. The panels are available in the same finishes as doors, with Class 1 or Class 0 flame spread performance.

Fire protection

Doorsets can provide 30 or 60 minutes fire resistance in an exceptional range of size envelopes. Performance is assured by comprehensive independent testing and authoritative assessments. High performance fire doors are also available up to 120 minutes.

Doorsets are fully tested to both current UK British standards and to the more demanding EN European standard for assured compliance with future requirements.

Accessibility

Double doors and wide doors allow for ease of access, especially for wheelchairs, trolleys etc, particularly suitable in complying with Building Regulations Part M for disabled access.

Spacesaver bi-folding and sliding doorsets are also available, particularly useful in limited space.

Robust and durable

Our doorsets are robust, resistant to impact and abuse, and suitable for heavy (frequent) usage. The high-quality finish also encourages better treatment from users.

Shadbolt doorsets have achieved the Severe duty classification, the highest possible, under the BM TRADA Q-Mark Performance doorset certification scheme, having successfully completed one million opening and closing cycles.

The Severe rating enables the doors to be used in the most demanding applications such as school corridors where they are likely to be subjected to both frequent use and high levels of abuse. Their ability to withstand these challenges and continue to perform well also provides an assurance that they will continue to sustain functions such as fire resistance and sound insulation during their life.

Special-purpose

Flush doorsets are advantageous for science blocks and laboratory areas, being hygienic, easily cleaned and resistant to contamination.

Flush glazing systems similarly cater for the highest levels of cleanliness.

Security

Shadbolt internal security doorsets have successfully completed a full programme of testing to PAS 23-1 and PAS 24 and achieved a Pass in all aspects. Testing was carried out independently by UKAS-accredited Chiltern Dynamics.

shadbolt the specialist door makers

doors and doorsets

Shadbolt - the established specialist high-performance door and doorset manufacturers - remaining at the forefront of technical development. We continue to meet the needs of architects, designers, specifiers and contractors in the 21st century.

We are very experienced in meeting special requirements, and we recommend you discuss your wishes with us at an early stage in a project.

Shadbolt products

Our product range embraces high-performance doors and doorsets, including fire doors up to 120 minutes in exceptional sizes, wall and ceiling lining panels, and acoustic doors and wall linings. Doorsets are purpose-made for each project, and we are thus able to achieve a wide range of attractive effects within normal production.

The excellent performance of Shadbolt doors makes them ideal for a wide range of applications.

Performance

High standards of fire resistance, sound insulation, robustness and durability can be combined in one door as required. Performance is assured by extensive and comprehensive independent testing.

In particular, severe duty performance and fire performance are accredited under the BM TRADA Q Mark third party scheme.

Finishes

In addition to our extensive selection of superb veneers, all doors and frames are available in high-quality sprayed gloss or semi-matt lacquer finishes in any BS, NCS (Natural Colour System), Dulux, RAL or Pantone colour, as well as plastic laminate finishes in any available colour or pattern.

These finishes offer the designer exceptional freedom in the aesthetic conception of interiors.

Environmental commitment

Shadbolt is committed to environmentally responsible policies in all aspects of materials and manufacturing including cleaner production, improved energy efficiency and waste reduction.

We source almost all our timber materials from responsibly and sustainably managed sources as demonstrated by independent third party certification through the Forest Stewardship Council and the WWF Global Forest and Trade Network.

Timber is the only truly sustainable building material - properly managed forests will provide a supply of timber indefinitely. It is also recyclable, non-toxic, biodegradable and energy-efficient, and combats climate change by absorbing carbon dioxide.

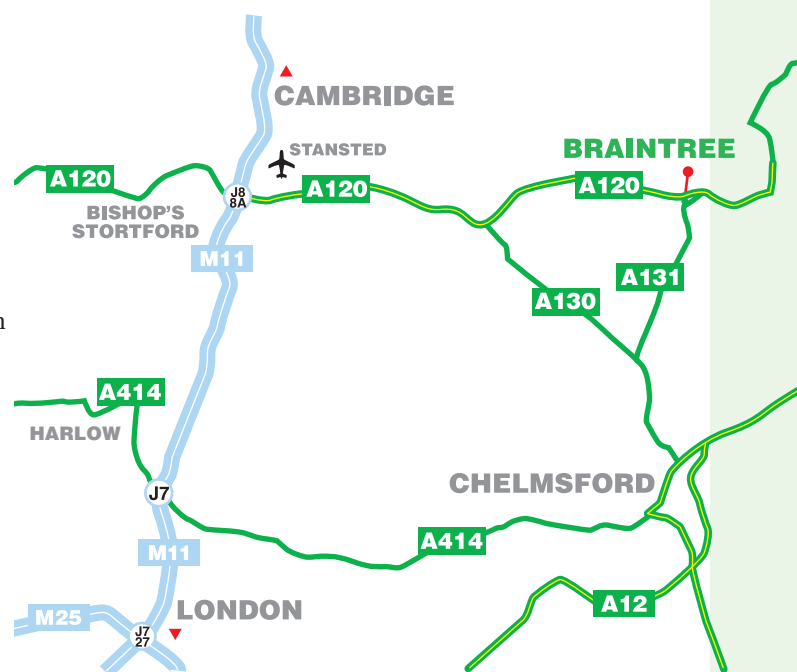
Shadbolt Website

Our website gives access to full descriptions of our entire product range with technical details and specification clauses. It also covers new and completed projects with a photo gallery of recent work.

For more information refer to our website or contact us at the address below.

educational buildings

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