

Shadbolt

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Wall and ceiling panels

Shadbolt panels have been used in a wide variety of prestigious projects for wall linings, ceilings, partitions, furniture and fittings.

- Panels are specially produced for each project to the full size required, veneered and matched at finished size.
- A higher quality of finish in a much wider choice of veneers can be attained compared with off-the-shelf panels.
- They can be matched with doors, frames, trims, skirtings and fittings, achieving a harmonious and unified appearance throughout a scheme.
- Panels can also be supplied with a lacquer finish in a vast range of colours.
- Preformed and postformed shaped panels can be offered for many uses including casings to columns, heating and air conditioning units.
- Sound-absorbing acoustic panels are available, see separate brochure.

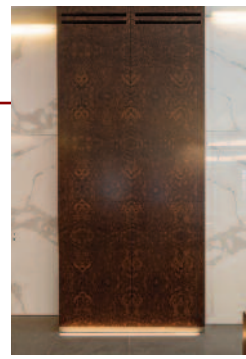
Applications

As well as general wall and ceiling linings, panels can be used in circulation areas, lift entrances and cars, furniture and fittings, storage systems, media walls, demountable partitions and mobile walls.



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Substrates

Substrate materials are selected as necessary to meet performance requirements, including chipboard, MDF, moisture-resistant MDF, plywood, laminboard and balsa blockboard. Shadbolt will advise on the most suitable material according to application.

Edge details

Panels may be supplied with any or all edges lipped in a variety of treatments.

Lippings may be concealed by matching veneer or may be visible, according to the visual effect required at the joints.

Sizes

All panels are made to order to sizes required. Floor-to-ceiling height panels can generally be supplied where needed. In some cases sizes may be limited by the practicalities of manufacture, but larger panels can be made by scarf jointing of the substrate without affecting performance.

Panels are supplied to exact finished sizes and must not be trimmed on site. Consult our technical department for advice on panel sizes, thicknesses and weights.

Appearance

Panels can be supplied in the same range of finishes as door leaves, including factory-applied veneer finishes and coloured lacquer finishes.

They may be veneered in any sustainably sourced species, with a standard finish of semi-matt lacquer.

Veneered panels may be co-ordinated throughout a scheme with doors, frames, skirtings, trims etc.

For more information see our website.

Joint treatment

It is in the nature of the panels that the vertical joints between them will be visible.

These may be treated as a feature, for example a recessed joint or jointing strip, or as simple butt joints.

Full storey-height panels can normally be supplied, but if horizontal joints are required they may be treated in similar ways.

Spread of flame

Standard wall panels will meet the Building Regulations Class 3 requirement for flame spread without special treatment

Class 1 and Class 0 panels

Class 1 or Class 0 panels can be supplied where required, with appearance identical to that of standard panels. They can be used as wall linings in any location without restriction under Building Regulations B2, and offer the same features, appearance and performance as our standard panels.

The panels achieve Class 1 or Class 0 flame spread and fire propagation respectively without the use of impregnation treatments or intumescent lacquers.

Performance is established in independent tests by UKAS-accredited organisations.

Shadbolt have also undertaken testing to the European standard BS EN 13501-1, and we can offer panels which have achieved European Class B or Class C (corresponding to Class 0 or Class 1).

Stability

Panels show excellent dimensional stability and appearance retention under varying temperature and humidity regimes.

Installation

Correct installation is fundamental to performance, and we recommend that panels are installed by a competent joinery installer.

Correct handling, storage and site conditions for installation are essential.

Various fixing methods and joint details are possible; for more information see our website.