

invotek® strawboard 75 and 100



the sustainable solution

invotek® strawboard

In a word, unique

Developed through intensive research, Invotek Strawboard is a unique new material that now adds a range of ecological and practical benefits to the renowned Invotek 75 and 100 partitioning systems.

Made from sustainable sources of agri-fibres, and using an environmentally aware, low energy production process, Strawboard is completely free of formaldehyde and sulphates – making it safe to work and live with, easy to dispose of and totally biodegradable.

Conforming to all relevant safety standards, Strawboard's acoustic performance and fire, moisture and impact resistance are comparable to industrial grade particle board – yet it is 10% lighter than conventional alternatives and can be easily machined and fixed without cracking or splitting.





Setting the standard

Invotek's award-winning floor-to-ceiling systems have set the standard for relocatable partitioning – combining aesthetic appeal, innovative design and optimum flexibility to create working environments that are stylish, individual and supremely functional.

Whether it's refurbishment, conversion or new build, the systems are quick and easy to install – and are equally well suited to small office suites, complete head office buildings or any requirement in between

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Genuine quality, real choice

Factory-sealed glazed units are available in single, double, tinted or etched versions – with or without integrated fineblinds – while the monobloc doors can be supplied in a range of wood veneer and other finishes.

Bi-bloc solid panels also come in a wide variety of finishes, with profile compression or concealed clips to locate them simply and securely, and provide easy access for installation or maintenance of services.

The framework itself is available in virtually any colour, while finishing touches such as door handles, hinges, key plates and light switches can all be selected from an extensive choice of options.

Wall-mounted storage and shelving can also be incorporated, designed to both complement the chosen design scheme and provide an ergonomic solution for the everyday necessities of office life.

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Proven in practice

Invotek 75 and 100 have been a successful part of numerous projects, with a client list that includes public and private sector organisations throughout the UK and beyond. Invotek has established close working relationships with architects, designers, suppliers and end users, and provides a specialist service ranging from product supply only right through to full design, building and project management.

In short, with Invotek, you've a well-proven means to create office space that's ideally suited to your own very particular requirements. And with Invotek Strawboard, you can now achieve those aims in a uniquely ecological and sustainable way.

Strawboard

invotek® strawboard 75 and 100 Technical Specification

■ General description:

Non-loadbearing fully relocatable floor to ceiling system based on a steel framework with sound reducing panels, erected in a combination of solid, single and double glazed panels.

■ Framework:

A pre-finished steel head and recessed floor channel. Internally constructed from 47mm galvanised posts with telescopic heads to allow for building deviation.

■ Tolerance:

+/- 10mm

■ Panel:

Bi-bloc construction comprises one pre-finished vinyl wrapped 12mm thick strawboard panel either side of framework with 45Kg/m³ acoustic slab in void as an optional extra. Fabric, laminated or veneered panels available to specification.

■ Panel joint:

Profile compression clip as standard with tape and fill flush finish as an optional extra.

■ Module:

1212mm Nominal with other sizes available to suit requirements.

■ Height:

Up to 3600mm.

■ Thickness:

75mm Overall.

■ Weight:

Approximately 24.00 Kg/m² of solid panel.

■ Invotek® 100 panel option:

For acoustic performance of up to 50db, subject to on-site conditions-100mm thickness overall.

■ Finishes:

Polyester powder coating to all exposed steel components, available in an extensive range of colours as standard.

■ Glazing:

Factory made pre-glazed monobloc units, with glass to specification, held in by P.V.C. glazing gasket.

■ Blinds:

Integral 25mm fineblind to sealed double glazed units with knob control for tilt and turn function and concealed mechanism. Surface fixed to single glazed units.

■ Skirting:

Integral recessed steel skirting, colour as framework.

■ Doors:

Pre-fabricated steel door frames, standard size or full height, with sound seals incorporated into door stops. Doors can be veneered, laminate or glass, hung on steel colour coated hinges.

■ Door furniture:

Satin stainless lever latch, or lock as standard, or to specification.

■ Services:

Integral architrave light switch incorporated within doorframe as an optional extra. Most electrical, British Telecom and other services can be accommodated within cavity of partition. Compartment trunking can be provided behind recessed skirting if required.

■ Integral accessories:

A range of accessories can be incorporated by means of a hanging facility incorporated within the junction detail of the system.

■ Spread of flame:

Class 'O' to comply with the Building Regulations 1991.

■ Fire resistance:

Half-hour Fire Resistance can be provided to BS 476 Part 22 1987, using Invotek 100 option.

Invotek operates a quality system that is designed to meet the requirements of BS EN:1364-:1999 and ISO 9002.

Other brochures available from Invotek:

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[invotek®glasswall](#)

[invotek®flushwall](#)

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PARTITIONING SOLUTIONS

4 Didcot Rd, Fleetsbride

Poole, Dorset BH17 0GD

Tel: 01202 777848 Fax: 01202 777808

Email: enquiries@invotek.co.uk www.invotek.co.uk