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Apex

Bi-Block partitioning system

Apex is both the functional and flexible solution to bi-block partitioning. Apex panels are hung horizontally or vertically, to create a highly interesting effect and can be fully adapted with our other glazed and framed partitioning systems including Quantum, Inspire and Colourline or Silverline.

Apex partitions are pre-assembled solid or glazed panels hung onto a site installed framework of recessed head and base channels, studs and transoms. Base tracks have a concealed adjustment facility for uneven floors. Mullions are locked into place maintaining panel centres, using the precision extruded transoms. Assembly jigs supplied with each order ensure the speed and accuracy of the installation and correct alignment of panels. All panels can be removed independently of each other allowing replacement or variation at anytime after initial installation.

When you take in the strikingly simple lines and ingenious design touches of the unique Apex bi-block partitioning system you will need no further proof that, truly, less is more.

The smooth, flush finish on its panels and doors are cleverly achieved without visible fixings. Fine panel joint details and slim window frames add style and elegance. The real beauty, however, is that all these panel types and finishes are totally interchangeable and fully adaptable.





Apex

Bi-Block partitioning system



Apex is refined, classic and futuristic. It brings your designer's vision to life with its architectural structure and practical design. Apex is stylish solutions of uncompromising quality.







Adaptability

Apex is both a functional and flexible solution to bi-block partitioning. Apex panels are hung horizontally or vertically, to create a highly interesting effect and can be fully adaptable by working with our other systems including Inspire, Quartz, Quantum, Colourline, Silverline or Timberline.





Apex
Bi-Block partitioning system

 $6 \mid 1 \mid 7$



Fire rated systems

Class 'E', (Integrity).

The Apex FR30 Bi-Block re-locatable partition system which combines a range of innovative options and aesthetic appearance with ease of alteration. Apex achieves fire resistance to FR30/0 using 10mm fire resistant glass to one side of the partition and a choice of toughened glass from 6mm to 10mm to the other side depending on the acoustic requirement. European fire resistance specification

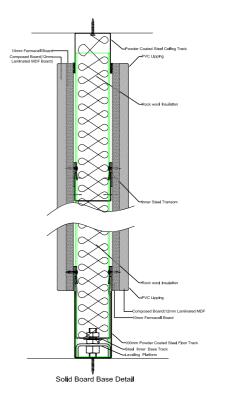


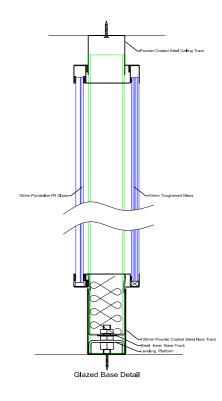




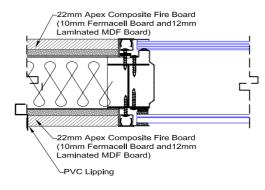
Fire Rated Systems Technical specifications

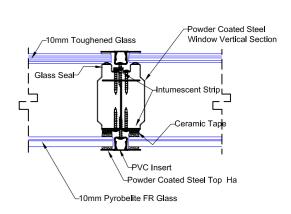




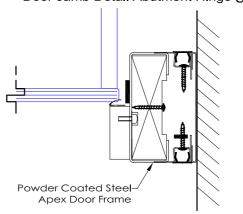


Solid/Glazed Mullion Detail

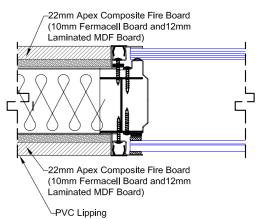




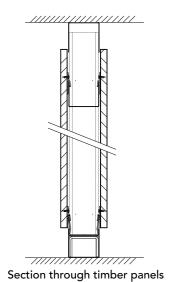
Door Jamb Detail Abutment Hinge Side

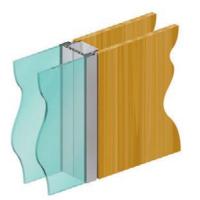


Solid/Glazed Mullion Detail



Non Fire Rated Systems Technical specifications

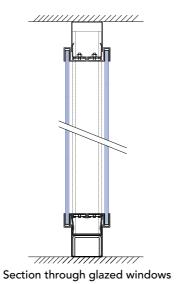


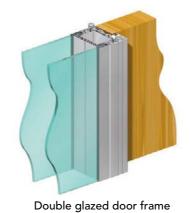


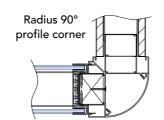
Glass to solid mullion



Pencil line joint







Apex



Technical Data

Apex is a bi-block partition system for elegant building solutions. Apex offers fine panel joint details, slim window frames and vertical and horizontal panels all without visible fixings to ensure smooth flush elegance. The unique Apton 'locked mullion' system eliminates panel creep and maintains the alignment of panels.

STRUCTURE

Partitions:

Standard Heights: Up to 3 metres.

Tracks: 50mm x 50mm polyester powder coated steel recessed head and base track.

Corners: 90° & 135° aluminium with snap in

Dimensions: Nominal 90mm across panel faces. Maximum full height panel width is 1.2 metres. Maximum horizontal panel size is 1.2 metres x 2.4 metres.

Glass: 6mm toughened into pre-made window frames. 10mm and 12mm toughened into frameless glazing modules.

Joints: Recessed or pencil line for solid modules. **Blinds:** Manually operated 25mm tilt & turn venetian blinds which are recessed or between double glazing.

DOOR SETS

Options: Glass, timber or double glazed GDS doors complement the Apex system.

Solid doors: Timber doors are 44mm solid core in a choice of veneers.

Door Frames: Aluminium and are either full height or universal standard height. Single or double doorsets are available.

A choice of ironmongery is available with all door

FINISHES

All exposed aluminium sections are pre-finished with a polyester powder coating in a range of RAL colours.

Panel finishes: Laminate, melamine, whiteboard, veneer, vinyl, powder coated steel and pinnable fabric. These finishes can be applied in any combination.

SIZE LIMITS

Apex is designed for installation in areas up to nominal vertical panel size of 2.9 metres x 1.2 metres.

ASSEMBLY CHARACTERISTICS

Pre-assembled solid or glazed panels are hung onto a site installed framework of recessed head and base channels, studs and transoms. Base tracks have a concealed adjustment facility for uneven floors.

Mullions are locked into place maintaining panel centres, using the precision extruded transoms. Assembly jigs supplied with each order ensure the speed and accuracy of the installation and correct alignment of panels. All panels can be removed independently of each other allowing replacement or variation at any time after initial installation.

PERFORMANCE

Fire resistance: FR 30/0 E to BS 476 part 22. **Sound reduction:** BS EN ISO 140; Rated

weighting to BS EN ISO 717.

Acoustics: Single glazed 32Rw(dB), double

glazed 40Rw(dB), Solid 51Rw(dB).

Structural: BS5234, BS6180 and BS6399. Commercial office (BS medium duty).



Apex is designed and manufactured by Apton Partitioning Limited in the UK.

Quartz

Frameless glazed partitioning system

Quartz frameless glazing system is both stylish and simple. It is mullion free, with minimal tracks at head, base abutments. Quartz enables a visually frameless optical with high levels of performance.

Quartz track consists of a channel and bead, where the channel is fixed to the existing surface and the bead located into the channel. The glass is then installed, joined by a choice of junctions available and secured by a snap-in profile.

Quartz double glazed frameless system provides excellent acoustic performance up to 51Rw (dB). Quartz is designed for installations up to 4.2m in height, dependent on glass on glass specification. Fire resistance: Screens FR30/30 and glass doors FR 30/0 to BS 4767 part 22

Minimalist framework. Panoramic daylight. Sophisticated ambiance. Quartz is a mullion free relocatable partition system that combines maximum transparency, flexibility and elegance with outstanding fire and acoustic performance.

Choose single or double glazing and fit with timber, glass or GDS double glazed doors to create your ideal office environment.

Single Glazed

Quartz single glazed frameless partitioning is a perfect choice where clean lines and an aesthetically pleasing design are essential. Set out using a two-part head and base channel, the system creates privacy yet offers the sense of an open office with its stylish frameless appearance.





Quartz

Frameless glazed partitioning system



Double Glazed

The Quartz double glazed frameless system provides excellent acoustic performance up to 51Rw(dB). Like our single glazed system, it too creates a feeling of acoustic privacy while maintaining an unhindered visual of an open office.



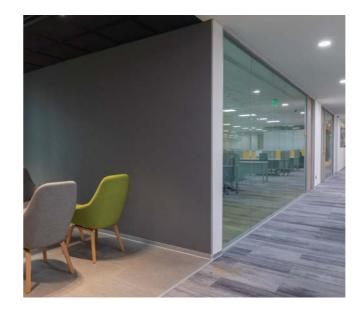






Versatility

Quartz comes in an unlimited number of options and colours to complement your design or corporate image. Frame profiles can be colour coordinated to your specification and automatic or manual venetian blinds can maximize privacy within the glass cavity. Quartz is both simple and quick to install to provide a simple, elegant partition solution.









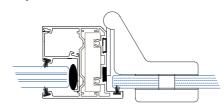
Fire rated systems

The Quartz frameless glazing system is both stylish and simple. It is mullion free, with minimal tracks at head, base and abutments. 16.8mm FR30/30 glass provides the fire resistance, combined if required in double glazed format, with toughened glass of thickness 10mm to 19mm. Quartz provides a visually frameless aesthetic with high levels of performance. European fire resistance specification 'EI', (Integrity & insulation).

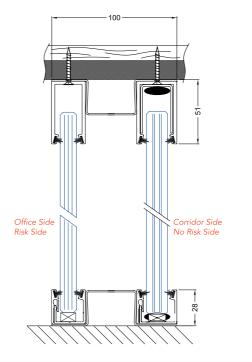


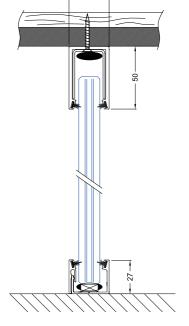


Fire Rated Systems Technical specifications

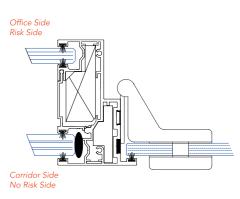


Single glazed door frame 0/30



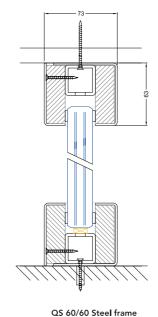


Single glazed Quartz 30/30



Double glazed door frame 0/30

QS 60 FR30/30, FR60/30 and FR60/60

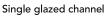


QS 60/60 Steel frame

QS 60/60 Timber frame

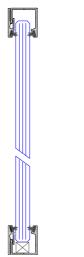
Non Fire Rated Systems **Technical specifications**





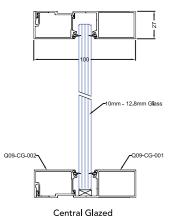


Single glazed 50mm deep deflection channel

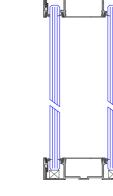


Single glazed Channel

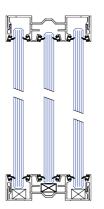




Double glazed 50 mm deep deflection channel



Double glazed Channel



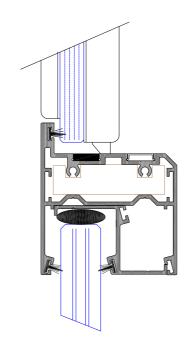
Triple Glazed



Single glazed door frame



Double glazed door frame



Quartz



Technical Data

Quartz frameless glazing system is both stylish and simple. It is mullion free, with minimal tracks at head, base and abutments. Quartz enables a visually frameless optical with high levels of performance.

STRUCTURE

Partitions:

Standard Heights: 10mm glass to 2.7 metres and 12mm glass to 3 metres.

Tracks: Polyester powder coated aluminium to BS6063 specification.

Corners: Crystal clear PVC joint sections in a range of sizes and configurations are supplied to form 90° corners, 135° corners and 3 way junctions.

Dimensions: Single glazed is either 27mm, 32mm, 100mm or 90mm x 27mm. Double glazed is 100mm or 90mm x 27mm. Single or double glazed 50mm deep deflectionhead and a new extra deep **ASSEMBLY CHARACTERISTICS** two part deflection head detail is now available. **Glass:** 10mm to 19mm glass can be accommodated

Joints: Dry jointed with clear PETG material or silicon jointed for single glazed.

Blinds: Double glazed installations can include internal 25mm manual or automatic controlled tilt and turn venetian blinds.

DOOR SETS

within Quartz.

Options: Frameless glass, framed glass, timber, double glazed GDS or sliding doors complement the Quartz system.

Solid doors: Timber doors are 44mm solid core in a choice of veneers.

Door frames: Aluminium full height.

Doors are mounted on to either hinges, pivots or sliding tracks.

A range of ironmongery can be supplied with Quartz doors.

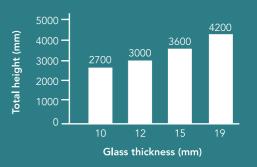
FINISHES

All exposed aluminium sections are pre-finished with a polyester powder coating in a range of RAL colours.

SIZE LIMITS

Quartz is designed for installation in areas up to 4.2 metres high.

Fire rated glass: Maximum height 3000mm



Quartz tracks consist of a channel and bead, where the channel is fixed to the existing surface and the bead located into the channel. The glass is then installed, joined by a choice of junctions available and secured by a snap-in profile.

PERFORMANCE

Fire resistance: Screens FR30/30, FR60/30 and FR60/60; glass doors FR30/0 to BS476 part 22. **Sound reduction:** BS EN ISO 140; Rated weighting to BS EN ISO 717.

Acoustics: Single glazed 38Rw(dB) and double alazed 51Rw(dB).

Structural: BS5234, BS6180 and BS6399. Commercial office (BS medium duty).



Quartz 54 Frameless Glazing

Slimline double glazing for minimal aesthetic with the benefit of high acoustic resistance.

Integrated with the Quartz slimline door frame and either glass and timber swing doors or Quartzglide 2 glass sliding doors, the interior designer can achieve the look and performance.

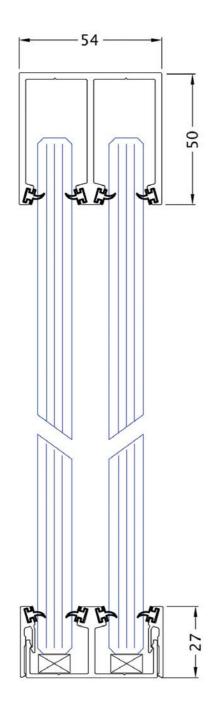


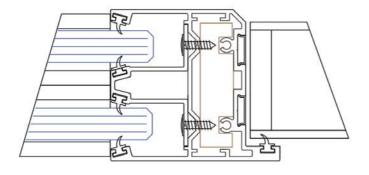


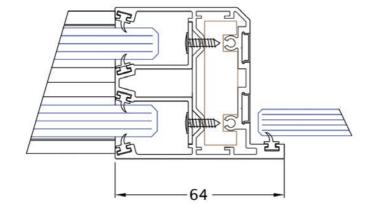




Quartz 54







Quartz 54 Frameless Glazing

Polyester powder coated aluminum tracks 'I' section or 'H' section dry points Glass or timber doors Choice of RAL colours

Technical Specifications:

54 mm wide double glazed Glass thickness 10-12.8 mm Standard tracks 54 mm x 27 mm Deep deflection head track 54 mm x 50 mm Slimline door frame 58 mm x 64 mm Acoustic sound resistance up to 43Rw(cB)

Quartz 54



Technical Data

Quartz 54 is double glazed frameless glazing system with a compact track details. A winning combination of double glazed acoustic protection, aesthetic quality and minimum footptint.

STRUCTURE

Partitions:

Standard Heights: 10mm glass to 2.7 metres and 12mm glass to 3 metres.

Tracks: Polyester powder coated aluminium to BS6063 specification.

Corners: Crystal clear PVC joint sections in a range of sizes and configurations are supplied to form 90° corners, 135° corners and 3 way junctions.

Dimensions: Double glazed is 54mm x 27mm. double glazed 50mm deep deflection head and a new extra deep two part deflection head detail is now available.

Glass: 10mm to 12.8mm glass can be accommodated within Quartz.

Joints: Dry jointed with clear PETG material or silicon jointed.

Blinds: N/A

DOOR SETS

Options: Frameless glass, framed glass, timber, double glazed GDS or Style doors complement the Quartz 54 system.

in a choice of veneers.

Door frames: Aluminium full height.

Doors are mounted on to either hinges, pivots or sliding tracks.

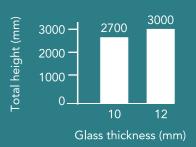
A range of ironmongery can be supplied with Quartz 54 doors.

FINISHES

All exposed aluminium sections are pre-finished with a polyester powder coating in a range of RAL colours.

SIZE LIMITS

Quartz 54 is designed for installation in areas up to 3 metres high.



ASSEMBLY CHARACTERISTICS

Quartz 54 tracks consist of a channel and bead, where the channel is fixed to the existing surface and the bead located into the channel. The glass is then installed, joined by a choice of junctions available and secured by a snap-in profile.

PERFORMANCE

Sound reduction: BS EN ISO 140; Rated

weighting to BS EN ISO 717.

Acoustics: Double glazed 44Rw(dB). **Solid doors:** Timber doors are 44mm solid core **Structural:** BS5234, BS6180 and BS6399. Commercial office (BS medium duty).



GDS Doors

Double Glazed Flush Door

GDS double glazed flush door combines ease of installation with an aesthetically pleasing visual. GDS doors can be installed within any rebated door frame designed to accept a 44mm door.

GDS double flush glazed doors give a greatly improved acoustic resistance over plain glass leafs, without loss of vision or elegance.

GDS doors are fully compatible with all our other partition systems range, giving you the flexibility to design both a functional and practical commercial office.

GDS is a double glazed flush door comprising of two sheets of 6mm toughened glass bonded to the outer faces of a 32mm polyester powder coated welded aluminum frame. GDS doors incorporate all door operating controls, seals and DDA compliant locks and latches allowing quick installation on site.

GDS Doors create a flush glazed, stylish acoustic solution to any modern environment.











GDS Doors

Double Glazed Flush Door



The combination of an aesthetically stylish appearance with acoustic performance, choice of ironmongery, type of operation and ease of installation makes a winning combination for the Apton GDS door.



GDS Doors



GDS in Flush Face frame on Hinges

GDS in Set back frame on Pivots



GDS Double Glazed Acoustic DoorFramework and Tracks

DDA Compliant Europrofile latch and lever
Pull handles
Europrofile dead lock
Hinges with overhead closer
Pivots with floor spring
Double and hospital door sets
Maglock option
Compatible with all Apton Partition system door frames
Can be installed into any frame designed to accept 44mm leaf

Technical Specifications:

6mm toughened glass bonded to an extruded PPC aluminium frame Leaf width: Single door 926mm; Double 1,856mm Max FCH 3M Drop down threshold seal 36Rw(dB) High Acoustic package 41Rw(dB)



GDS Doors is designed and manufactured by Apton Partitioning Limited in the UK.

Inspire

75mm Versatile Partitioning System

Inspire is a convenient and modern 75mm on-site glazing solution with a host of valuable benefits including fire resistant up to 30 minutes, outstanding acoustic performance up to 44Rw(dB) and superb design.

It is available as single offset or double-glazed and has the option of square or radius junction posts and doorframe profiles.

There is a further choice of timber, glass or GDS double glazed doors along with a selection of joints and detailing to suit your needs.

It is designed to be simple and quickly demounted and re-installed, ensuring minimal site disruption to any relocation.

Inspire comprises of an inner framework of steel studs and channels, finished with aluminum cladding profiles and top hat trims between modules. Solid panels are available in a choice of veneered MFC or vinyl plasterboard can be full height or in combination with single and double glazed full height, half height or panel format windows to provide the aesthetic of choice.







Inspire

75mm Versatile Partitioning System

Double Glazed

Look no further for the ultimate in transparency, flexibility and performance to meet your workplace requirements. The contemporary Inspire partitioning system will fulfil your ambitions, compliment your corporate image and promote your professionalism. It is designed to impress, protect and inspire.







Versatility

Inspire is our premier 75mm versatile relocatable partitioning system for on-site glazing. It is designed to be simple and quickly demounted and re-installed, ensuring minimal site disruption to any relocation. With its smooth detailing and clever performance, Inspire creates both contemporary and vibrant schemes.









Inspire is a modern relocatable partition system which combines a range of innovative options and aesthetic appearance with ease of alteration.

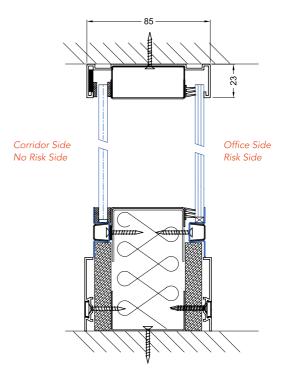
Inspire achieves fire resistance to FR30/0 using 6mm fire resistant glass to one side of the partition and a choice of toughened glass from 6mm to 10mm to the other side depending on the acoustic requirement. European fire resistance specification Class `E', (Integrity).



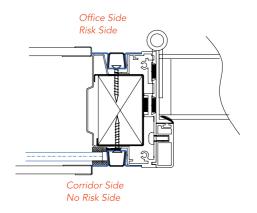


Fire Rated Systems Technical specifications

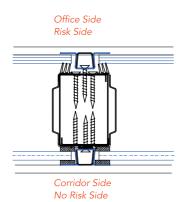




Inspire 30/0 double glazed system



Inspire 30/0 door frame

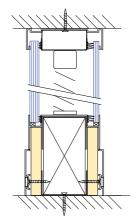


Inspire 30/0 double glazed mullion detail

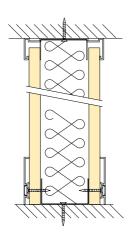
Non Fire Rated Systems Technical specifications



Double glazed channel with integral venetian blinds



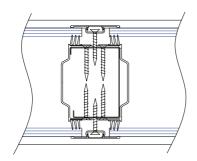
Full height double glazed with venetian blinds



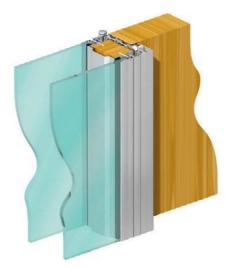
Full height solid



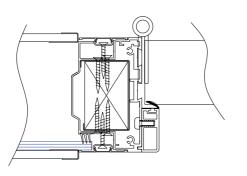
Double glazed mullion



Double glazed mullion



Double glazed door frame



Single glazed to door jamb

Inspire



Technical Data

Inspire is a modern fully relocatable partition system, which combines a range of innovative options and aesthetic appearance with ease of alteration. Inspire achieves high levels of acoust performance and fire resistance and complemented by a range of aesthetic options

STRUCTURE

Partitions:

Standard Heights: Up to 4 metres.

Tracks: Polyester powder coated aluminium head and abutment track 85mm x 23mm. Base 50mm, 75mm or 100mm skirting

Corners: Snap-in interchangeable 90° and 135° corners and three way junction sections allow alteration without dismantling.

Dimensions: Overall thickness is 75mm across panel faces. Maximum full height panel width is 1200mm.

Glass: Toughened glass from 6mm to 10mm.

Joints: Top hat trims or tape and filled joints.

Blinds: Manually operated 25mm tilt & turn venetian blinds which are recessed or between double glazing.

DOOR SETS

Options: Glass, timber or double glazed GDS doors complement the Inspire system.

Solid doors: Timber doors are 44mm solid core in a choice of veneers.

Door frames: Aluminium and are either full height or universal standard height. Single or double doorsets are available.

A range of ironmongery can be supplied with Inspire doors.

FINISHES

All exposed aluminium sections are pre-finished with a polyester powder coating in a range of RAL colours

SIZE LIMITS

Inspire is designed for installation in areas up to 4 metres high.

ASSEMBLY CHARACTERISTICS

The Inspire system comprises an inner framework of steel studs and channels, finished with aluminium cladding profiles and omega trims between modules.

Solid panels in a choice of veneered MFC or vinyl plasterboard can be full height or in combination with single and double glazed full height, half height or panel format windows to provide the aesthetic of choice

PERFORMANCE

Fire resistance: FR30/0 to BS476 part 22. **Sound reduction:** BS EN ISO 140; Rated

weighting to BS EN ISO /1/.

Acoustics: Single glazed 34Rw(dB), double glazed 43Rw(dB) and solid 44Rw(dB). **Structural:** BS5234, BS6180 and BS6399. Commercial office (BS medium duty).



Quantum

High Performance Fire and Acoustic Partitioning

Quantum is our 100mm all steel high performance partition system designed for installation in areas up to 6.5 meters high and to incorporate glazed modules up to 2 meters wide for installation.

Quantum is the performance choice for high specification screens, when heights, level of duty and fire resistance specifications render all other systems unviable.

Quantum is not only a performance system; it creates an appealing and inviting ambience wherever it is assembled. Quantum delivers a system with clean lines and stylish modern finishes.

Quantum is a heavy duty all steel system comprising of an inner framework of steel studs and channels, finished with polyester powder coated steel cladding profiles and top hat trims between modules. Solid panels come in a choice of veneered MFC or vinyl plasterboard. The solid panels can be full height or in combination with single and double glazed full height, half height or panel format windows to provide the aesthetic of choice.

Quantum achieves exceptional fire ratings of FR30/0, FR30/30, FR60/0 FR60/30 & FR60/60 and acoustics of up to 51Rw(dB).







Quantum

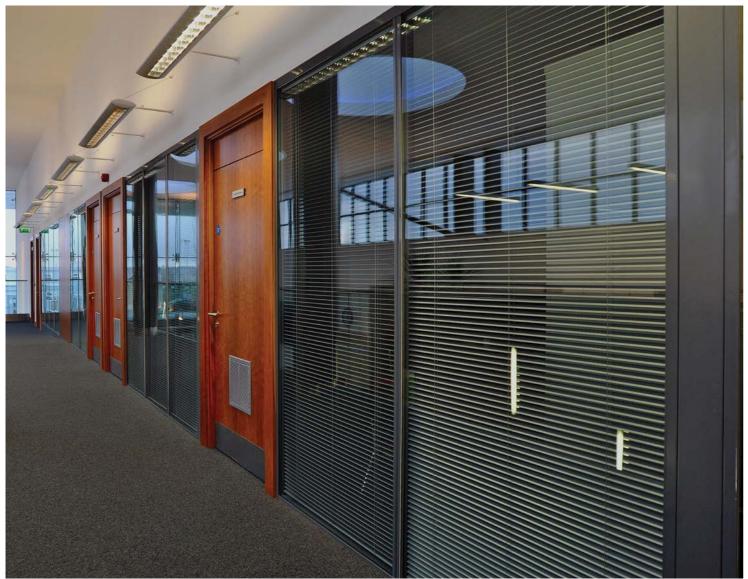
High Performance Fire and Acoustic Partitioning

Quantum high performance partitioning represents a stylish blend of performance credentials with application functions for rapid on-site installation.

Sublimely simple and supremely versatile, the system also affords exceptional stability. This is a product that takes performance to its highest level.

Quantum achieves exceptional fire ratings of FR30/30, FR60/30 & FR60/60 and acoustics of up to 51Rw(dB).















Quantum

Fire rated systems

Quantum is a 100mm all steel very high performance re-locatable framed partition system. Designed to allow for large glazed panels up to 2M in width whilst still complying with British Standards.

Fire resistance performance of FR30/0, FR30/30, FR60/0, FR60/30 and FR60/60 can be achieved using a range of glass thicknesses from 6mm to 25mm, depending on specification. Quantum is the performance choice for high specification screens, when heights, levels of duty and fire resistance make other systems unviable.

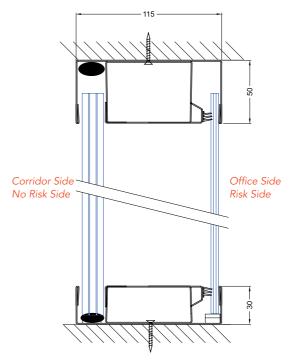
European fire resistance specification Class 'E' & 'EI', (Integrity and Integrity & Insulation).



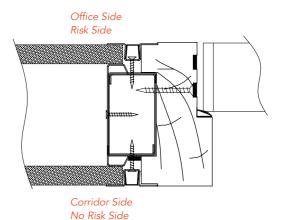


Fire Rated Systems Technical specifications

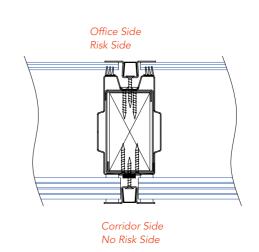




Quantum 60/60 double glazed section

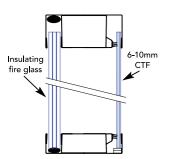


Quantum 60/60 timber door frame



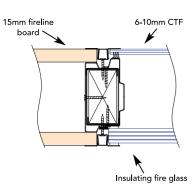
Non Fire Rated Systems **Technical specifications**

Double glazed vertical section



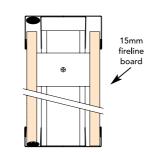


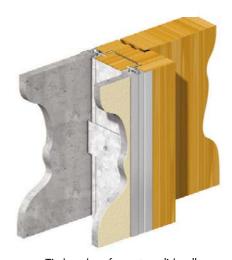
Double glazed to solid mullion



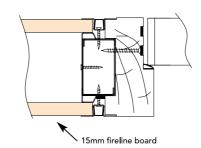


Solid vertical section





Timber door frame to solid wall



Quantum



Technical Data

partition system. It is designed to allow for use of large glazed panels up to 2 metres in width whilst colours. complying with all required British Standards.

STRUCTURE

Partitions:

Standard heights: Up to 6.5 metres. **Tracks:** Polyester powder coated steel head and base tracks. Head 115mm x 50mm; Base 115mm x 30mm.

Corners: Nominal 150 x 150mm solid composite. **Dimensions:** Overall thickness is 100mm across panel faces. Maximum panel width is 2 metres (dependent on fire rated specification). **Glass:** Toughened glass from 6mm to 10mm and fire rated glass from 16.8mm to 25mm.

Joints: Top hat trims.

Blinds: Manually operated 25mm tilt & turn venetian blinds recessed or between double glazing.

DOOR SETS

Options: Glass, timber and double glazed GDS doors complement the Quantum system. **Solid doors:** Timber doors are either 44mm or 54mm solid core in a choice of veneers.

Door frames: Timber and are either full height or universal standard height. Single or double doorsets are available.

A range of ironmongery can be supplied with Quantum doors.

FINISHES

Quantum is a 100mm all steel high performance All exposed steel sections are pre-finished with a polyester powder coating in a range of RAL

SIZE LIMITS

Quantum is designed for installation in areas up to 6.5 metres high.

ASSEMBLY CHARACTERISTICS

Quantum is a heavy duty all steel system comprising of an inner framework of steel studs and channels, finished with polyester powder coated steel cladding profiles and top hat trims between modules. Solid panels come in a choice of veneered MFC or vinyl plasterboard. The solid panels can be full height or in combination with single and double glazed full height, half height or panel format windows to provide the aesthetic of choice.

PERFORMANCE

Fire resistance: FR30/0, FR30/30, FR60/0 FR60/30 & FR60/60 to BS476 part 22. **Sound reduction:** BS EN ISO 140; Rated

weighting to BS EN ISO 717.

Acoustics: Single glazed 39Rw(dB), double glazed 45Rw(dB) and solid 51Rw(dB). Structural: BS5234, BS6180 and BS6399. Commercial office or industrial (BS heavy and severe duty).



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Colourline

Contemporary Character

Colourline features a wide range of modular units, single and double pre-glazed windows with optional integral venetian blinds and pre-hung doors.

We can match almost any specification with an impressive variety of 12 standard colours and the option to specify to almost any other colour of your choice.

Pre-hung, pre-glazed doors and windows, and pre-decorated panels make Colourline exceptionally fast and simple to fit.

Colourline partition modules are constructed from an inner framework of steel sections clad with undecorated or pre-decorated plasterboards. The glazed modules are steel framed and pre manufactured in single or double glazed versions. The door modules are pre-manufactured steel frames complete with doors in different veneers. Door modules are 2.1m high as standard or alternatively full height with matching overpanels.

Serenely subtle or boldly dynamic colours, high or wide design – whatever your style preference, make it reality with Colourline relocatable partitioning. Featuring pre-glazed windows and pre-decorated panels, no system could be more flexible or quicker and simpler to install. There is little or no snagging and no wet trades required on site.

The wide spectrum of colours and versatile system options allow you to create your own environment at a reasonable cost with Colourline.









Silverline

Sophisticated Style

Silverline partitioning offers the uncompromising flair of sophisticated brushed steel. Free from intrusive covers and visible connections it opens a world of possibilities. There is a stunning choice of metallic paint finishes, plus doors in a range of handsome veneers. Together they lend the system impeccable refinement and panache. A durable powder coating in 6 standard colours can be applied to the aluminium skirting or joint trim. One look and you will marvel how the clean lines and stark simplicity of Silverline create a stylish office environment.

Silverline partitioning is our modular demountable framed partition system offering the uncompromising flair of sophisticated brushed steel.

A durable powder coating finish in 6 standard colours can be applied to the aluminum skirting or joint trim.

Silverline's wide range of modular units, single and double pre-glazed windows and doors with optional integral blinds can fulfill almost any commercial or office space. Silverline creates the stylish office environment that you have always desired.

Silverline partition modules are constructed from an inner framework of steel sections clad with undecorated or pre-decorated plasterboards. The glazed modules are steel framed and pre-manufactured in single or double glazed versions. The door modules are pre-manufactured steel frames complete with doors in different veneers. Door modules are 2.1m high as standard or alternatively full height with matching overpanels.







Timberline

A Timeless Choice

Timberline is our modular demountable framed partition that is constructed from high quality steel with a timber powder coated finish that's virtually impossible to distinguish from solid oak.

The window modules can be supplied as single or double-glazed with integral venetian blinds. The timber doors can be supplied with a choice of veneers and glazed door options.

Timberline partition modules are constructed from an inner framework of steel sections clad with undecorated or pre-decorated plasterboards. The glazed modules are steel framed and pre-manufactured in single or double glazed versions. The door modules are pre-manufactured steel frames complete with doors in different veneers. Door modules are 2.1m high as standard or alternatively full height with matching overpanels.

Nothing exudes warmth and beauty better than natural wood. Here we've combined wood's valued aesthetics with the strength of steel, an office romance made in heaven. Timberline is constructed from high quality steel with a timber powder coated finish that's virtually impossible to distinguish from solid oak. Yet it's tougher, more resilient and considerably less expensive. The window modules can be supplied as single or double glazed with integrated venetian blinds. The timber doors can be supplied with a choice of veneers and glazed door options. For high impact with traditional charm, it must be Timberline.







Ironmongery











Veneers

















Colours





























































Colourline, Silverline & Timberline

Fire rated systems

Colourline, Silverline and Timberline are relocatable partition systems featuring preglazed windows and pre-decorated panels. Designed for rapid installation, minimum site working and a modular aesthetic. Fire resistance to FR30/0 is achievable in both single and double format using 6mm resistant glass. The wide spectrum of standard colours and standard panel options allow you to create your own environment. European fire resistance specification Class 'E', (Integrity).

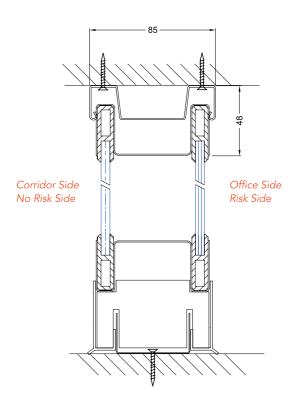




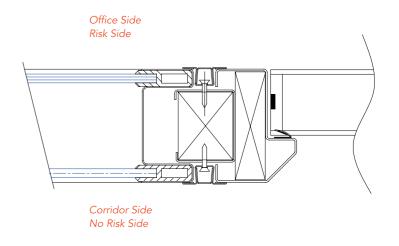
Fire Rated Systems Technical specifications



Please note: All illustrations shown here depict Silverline. For further information or technical drawings for Colourline and Timberline please contact the Apton technical department



Double glazed fire rated system

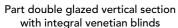


Fire rated steel door frame

Non Fire Rated Systems **Technical specifications**

Please note: All illustrations shown here depict Silverline. For further information or technical drawings for Colourline and Timberline please contact the Apton technical department.





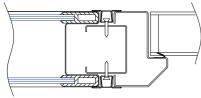


Double glazed vertical section



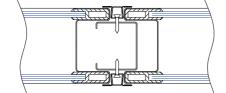
Door frame vertical section

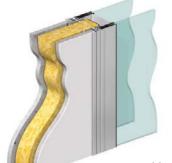


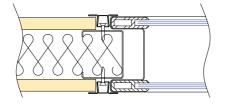




Double glazed mullion







Double glazed to solid mullion

Colourline, Silverline & Timberline



Technical Data

Colourline, Silverline and Timberline are designed hospital door sets are available. high fire resistance and acoustic performance. is used for solid modules combined with factory window units. The products are available in three colours, Silverline in metallic colour finishes and

STRUCTURE

Partitions:

Standard Heights: 2.4 metres, 2.7 metres and

Tracks: Polyester powder coated steel to DC01 at EN10.130 specification.

Corners: Steel pre-manufactured with pre

90°, 135° and radius corners for head tracks. **Dimensions:** Nominal 75mm across panel faces 85mm across tracks and trims and 50mm deep

Glass: 6mm toughened or 16.8mm fire rated **Joints:** Top hat trims, contour trims, flush wall and tape and fill detail.

aluminium or steel top hat sections.

manually controlled tilt and turn venetian blinds.

DOOR SETS

Options: Glass, timber, double glazed GDS and and Timberline systems.

Solid doors: Timber doors are either 44mm or

Door frames: Steel and are either full height or

Colourline, Silverline and Timberline doors.

FINISHES

polyester powder coating in a range of RAL

SIZE LIMITS

Colourline, Silverline and Timberline are designed boxed studs.

ASSEMBLY CHARACTERISTICS

The solid modules are constructed from an inner or pre-decorated plasterboards. The glazed or with matching overpanels.

PERFORMANCE

Fire resistance: FR30/0 to BS476 part 22. **Sound reduction:** BS EN ISO 140; Rated

Acoustics: Solid 75mm up to 43Rw(dB), solid

Structural: BS5234, BS6180 and BS6399. Commercial office (BS medium duty).



Colourline, Silverline & Timberline is designed and manufactured by Apton

Interior Door Systems

Framed Glass Doors

Framed glass doors are available with up to four patch hinges and sit flush within Apton aluminium frames. Apton framed glass doors are perfect for improved acoustic performance. Apton Single Glazed Doors are available in 10/12mm clear toughened glass for non-fire rated and 10mm Pyran S for fire rated applications. Hinged glass partition doors are both versatile and durable for a wide range of environments.

Single Glazed Framed Glass Door Hinges & Overhead Closer

Frameless toughened glass leaf into any single glazed (or double glazed) frame - single glazed shown.

Provides option for electronic access equipment, plus added acoustics over frameless.

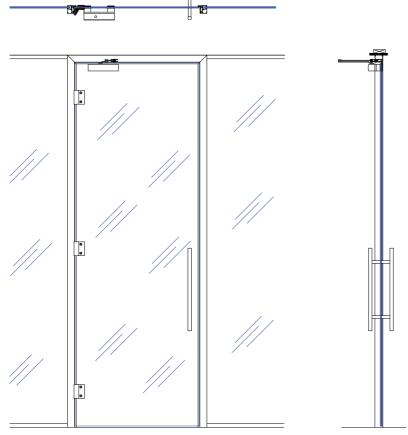
Technical Specifications:

Maximum floor to ceiling height 3,000mm.

Maximum door width single 900mm Single and double door sets. FR30/0 door sets available in single doors.

3 or 4 hinges with overhead closer Lock and lever or pull handles with lock option available.

10/12mm toughened glass doors.









Framed Double-Acting Glass Door

Double acting frameless glass leaves into Apton systems. Available as single, double, hospital and leaf and a half door sets with options for handles, locking and hold open floor springs.

Double Glazed Double-Acting Framed Glass Door Springs & Pivots

Frameless toughened glass leaf into any Double Glazed system.
The elegant and minimal solution for frameless glass leaves into any Double Glazed system.

Technical Specifications:

Maximum floor to ceiling height 3,000mm.

Maximum door width single 900mm.

Single and double door sets.

Upper and lower patch fittings with lock option available.

10/12mm toughened glass doors.





Interior Door Systems

Frameless Glass Doors

Frameless glass doors are fitted on a two way pivot system which allows the door to operate on a self-closing mechanism. These luxury single glazed doors can be integrated with our Quartz glass partitions to offer a fully frameless designer appearance. Frameless glass pivot doors are compatible in any commercial environment.

Single Glazed Frameless Glass Door Springs & Pivots

Single glazed Quartz system. Minimum framing for maximum glass look.

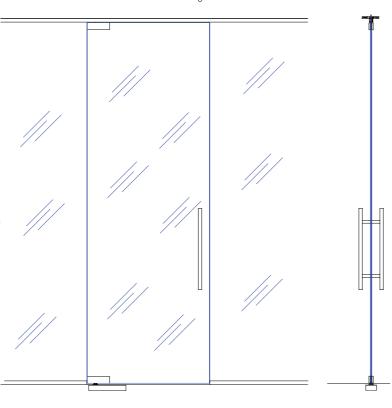
Technical Specifications:

Maximum floor to ceiling height 3,000mm.

Maximum door width single 900mm.

Single and double door sets.

Upper and lower patch fittings with floor spring or free pivot.









Sliding Glass Doors

For that architectural stainless and glass aesthetic, Quartzglide 1 is the obvious choice. Minimal framework combined with ease of operation and an ability to blend with and enhance buildings both old and new make Quartzglide 1 a logical choice.

Quartzglide 1 - Sliding Glass Door Stainless Steel Architectural track

Stainless steel bar mounted onto the toughened glass provides the minimal architectural appearance with easy operation and maintenance.

Technical Specifications:

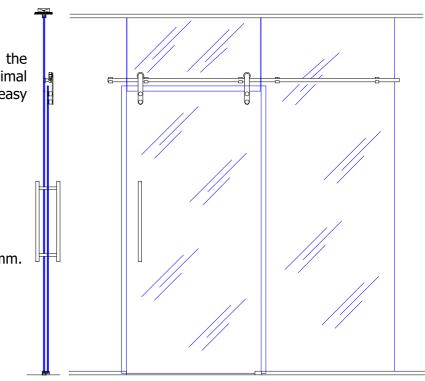
Maximum floor to ceiling height 3,000mm.

Maximum door width single 1,000mm.

Single and double door sets.

10mm toughened glass doors.

Bottom lock available.







Interior Door Systems

Sliding Glass Doors

Quartzglide 2 is the Apton solution for those areas where concealed runners are the preferred requirement, providing a visual impact of unimpeded glass from floor to ceiling. The uncluttered floating appearance of Quartzglide 2 is the prime reason for its selection in the modern office environment.

Quartzglide 2 - Sliding Glass Door Door Concealed Runners

Head mounted PPC track with concealed sliding door running gear provides a clean full height aesthetic.

Door shown in conjunction with Apton Quartz Frameless glazing.

Technical Specifications:

Maximum floor to ceiling height 3,000mm.

Maximum door width single 1,000mm.

Single and double door sets.

10mm toughened glass doors. Bottom lock available.





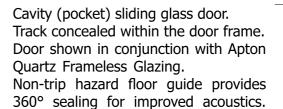


Apton

Sliding Glass Doors

Where acoustic privacy in conjunction with frameless glass is required Quartzglide 3 is the solution. Combined with the Apton Quartz double glazed system, Quartzglide 3 provides the highest level of glass sliding door acoustic performance with an unmatched elegance.

Quartzglide 3 - Sliding Glass Door Cavity Concealed Track



Technical Specifications:

Maximum floor to ceiling height 3,000mm.

Maximum door width single 1,000mm Single and double door sets.

10mm toughened glass doors.

Bottom lock available.







Interior Door Systems

Stile Door

The Stile Aluminum Framed Single glazed acoustic doors. They create a feeling of privacy whilst maintaining an unrestricted visual of an open office. Operated on hinges with an overhead door closer, the doors can be installed into any frame designed to accept a 44mm door. The doors are available with a choice of ironmongery.

High acoustic options are available providing sound resistance up to 39 Rw(dB)

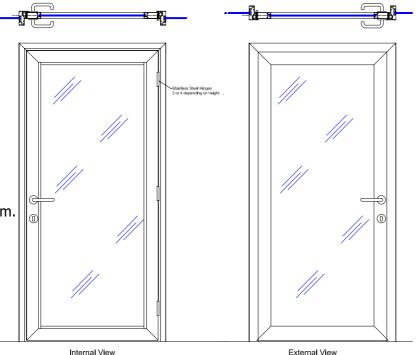
Stile Door Hinges & Overhead Closer

The 10mm toughened glass integrated between aluminum frame to achieve a better acoustic and provides a minimalistic look.

Technical Specifications:

Maximum floor to ceiling height 3,000mm. Maximum door width single 1000mm. Single and double door sets. Lock and lever or pull handles with lock option available.

Overall thickness: 44mm







Apton

Timber Doors

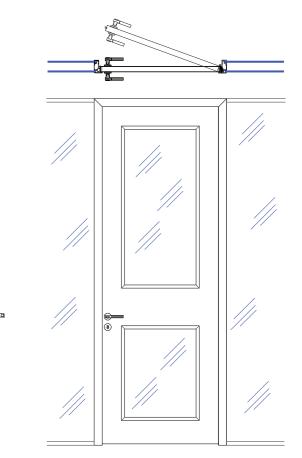
The Apton timber door range includes every type of internal door from 44mm standard to 54mm FD60 in a wide range of veneers and vision panels. Compliance with DDA regulations, a choice of ironmongery, access controls and bespoke options combine to meet the required specification.

Timber Doors into Apton Frames

Choice of veneers and vision panels Full or standard height Overpanel option Universal door frame option available

Technical Specifications:

44mm or 54mm solid core doors
Maximum floor to ceiling height 3,000mm
Maximum door width single 926mm
Single and double door sets
Lock and lever or pull handles
FD30 door sets available







Ironmongery

Glass

Apton glass door ironmongery collection ranges from contemporary to classic in order to cater for all architecture specifications. The pull and lever handle options endorse the dimensional guidance of BS 8300 and meet with Part M requirements, therefore are suitable for use in DDA applications. We are able to offer additional options such as self-closing hinges and pivot bars for frameless glass doors.







Timber

There are a variety of timber ironmongery options available across our range of timber doors. This can help create a safe environment for customers and staff, whilst ensuring that the building remains comprehensive and easy to use.





Apton

Timber Door Veneers

There may be differences between the actual product and these illustrations as a result of the printing process. Physical samples can be provided on request.

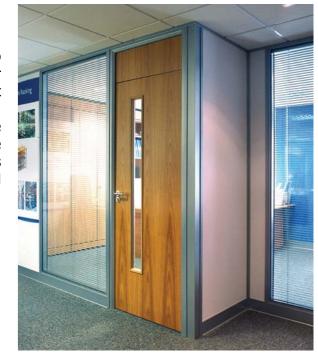


Disability Discrimination Act

The requirements for doors to comply with parts M1 and M2 of the Disability Discrimination Act (DDA), are comprehensive. Door width, access approach, ironmongery, Vision panels, Self-closing mechanism force are all factors to be considered. Please refer to the Apton website (www.apton-partitioning.com), or guidance.

Vision Panel

Glazed Vision Panels are used in order to let light into a room. They can also be used for aesthetic reasons or safety. Vision Panels are available in a range of different sizes. They are supplied with security fixings, glass, gaskets and liner in any door thickness. To ensure that all fire rated doors with Vision Panels meet the specified performance, we recommend that all doors are factory glazed in accordance with the BWF Third Party Certifire Scheme.



Solo

Acoustic operable moving walls

Solo is the ultimate in terms of acoustic integrity, achieving the very highest possible sound ratings.

Both our Twin Point and Single Point systems glide along a recessed or surface-mounted ceiling track, leaving the floor free of any track or obstruction.

Complex track layouts can be specified for unlimited room configuration options, and an almost unlimited plethora of finishes provides endless design opportunities. Available in manual and semi-auto electrically operated versions.

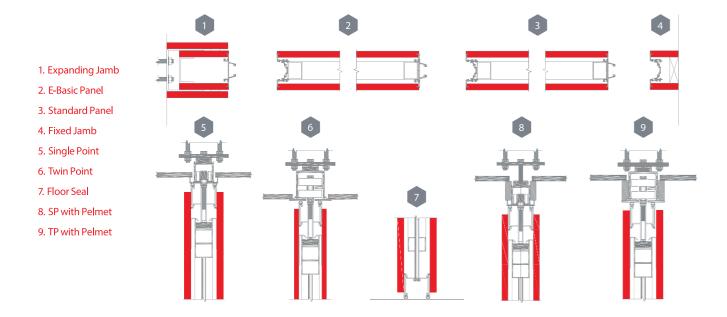






Solo Acoustic operable moving walls

Technical Details



Standard Stacking Configurations

Config A Single-point Config B Twin-point, H-park Config C Twin-point, Offset Stack Config D Twin-point, Linear Stack Config E Twin-point,

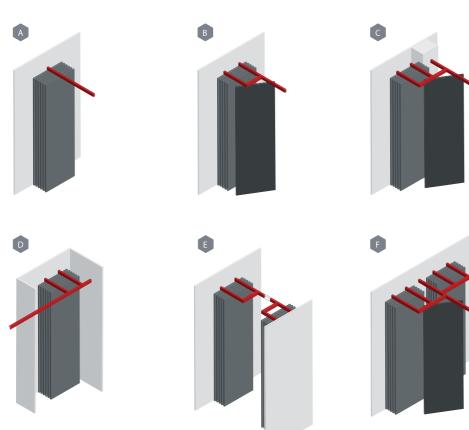
H-park Split Config F Twin-point, Split Offset Track

Please note:

Panel thickness will vary depending on system type.

Other stacking options are available on request.

Ple ase contact Apton for further details.



Technical	Solo			
Information	110	125	Fabric Wrap	125
Acoustic rating dB (Rw)	44>53	55>57	47>57	55>57
Panel thickness	110mm	125mm	varies	varies
Weight KG/M ²	47KG	64KG	varies	varies
Max. height	5000mm*	5000mm*	5000mm*	4000mm*
Max. panel width	1220mm	1220mm	1200mm	1220mm
Panel construction	Aluminium (inc. steel over 3m)	Aluminium (inc. steel over 3m)	Aluminium (inc. steel over 3m)	Aluminium and steel
Operable seal	Manual	Manual	Manual	Semi auto
Panel construction	MFC – 18mm	MFC – 25mm	MDF – 15mm + fabric	varies
Track system	Aluminium TP+SP	Aluminium TP+SP	Aluminium TP+SP	Aluminium TP+SP
Tolerance height MM	-/+ 5mm	-/+ 5mm	-/+ 5mm	-/+ 5mm
Tolerance width MM	-/+ 10mm	-/+ 10mm	-/+ 10mm	-/+ 10mm

*Anything over 3750mm must be TP.

Popular Finishes **SWATCHES**

Numbers in brackets () represent system availability

Other finish types available:

- » Magnetic
- » Drywipe
- » Pinnable
- » Printed board » Veneer
- » OSB
- » Glass

Alabaster (10/1125) Light Grey (110/125) Various Colours (110/125) White (110/125)

Birch (110/125) Maple (110/125)

Cherry (110/125)

Oak (110/125)

Beech (110/125)

Printed Fabric (110/125)

Fabric Finishes

Walnut (110/125) Other colours available on request (110/125)

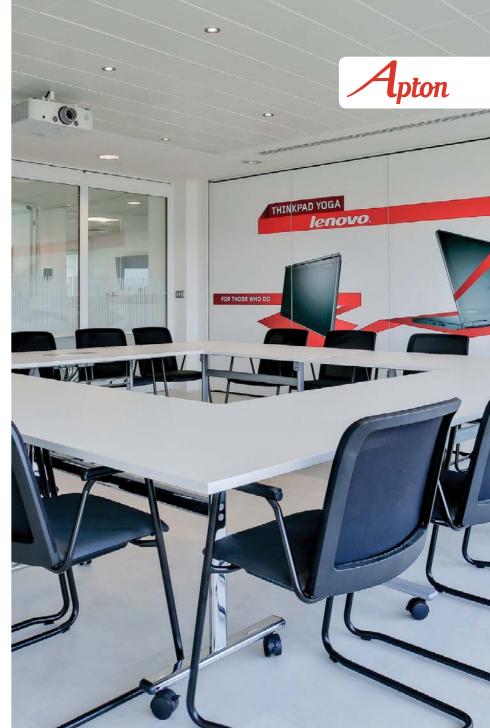


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Features & Benefits

- Offers space flexibility configurable space.
 High acoustic integrity minimal noise transfer between spaces.
 Huge variety of finishes enhanced aesthetics and variety of practical uses.
 Semi-automatic operated option available ease and speed of use.
 Multiple panel options and sizes tailored to suit the specific space.
 No floor track unbroken floor surface.

Insight Acoustic glass moving walls

Insight is a very special kind of moving wall with maximum transparency and optimum acoustics.

Insight features superb engineering. Each panel is formed from a 90mm aluminum frame overclad either side with 6mm toughened glass. The frame is concealed by an ultra-thin frit on the inside face in any RAL colour.

The philosophy of precise engineering carries through to the internal mechanisms. Basic panels have extension rods within the frame and the final panel in a run features a telescopic nose in a solid material. Alternatively, an expanding jamb can be specified.

Insight from Apton is the only glass moving wall system to offer a fully glazed pass door, both inset and full-height. The acoustic performance of Insight is a truly remarkable Rw 45db.





Insight Acoustic glass moving walls

Apton

Technical Details

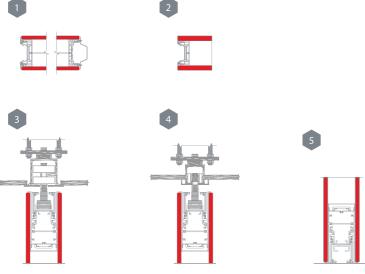


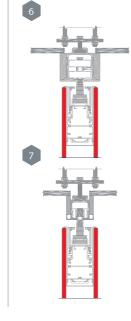


5. Floor Seal









Standard Stacking Configurations

Config A Single-point

Config B Twin-point, H-park

Config C Twin-point, Offset Stack

Config D Twin-point, Linear Stack

Config E Twin-point, H-park Split

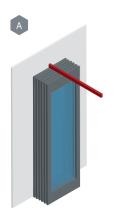
Config F Twin-point, Split Offset Track

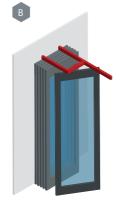
Please note:

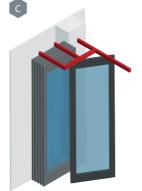
Panel thickness will vary depending on system type.

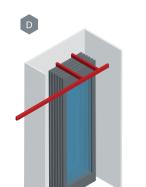
Other stacking options are available on request.

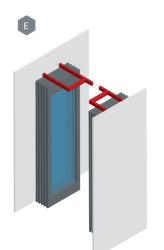
Ple ase contact Apton for further details.

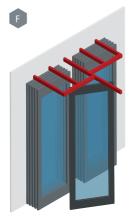






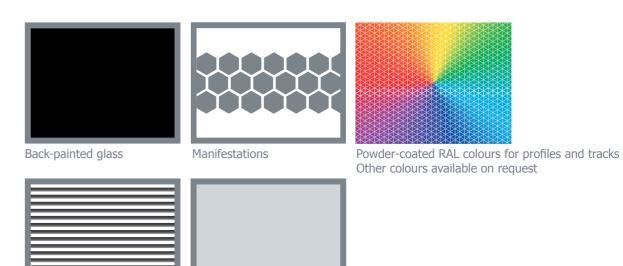






Technical Information	Insight
Acoustic rating dB (Rw)	45dB
Panel thickness	110mm
Weight KG/M ²	Contact Apton for details
Max. height	3500mm
Max. panel width	1250mm
Board type	SAA Aluminium Profiles + Glass
Operable seal	Semi-automatic (button operated)
Track system	Aluminium SP+TP
Tolerance height MM	+/- 3mm
Tolerance width MM	+/- 3mm

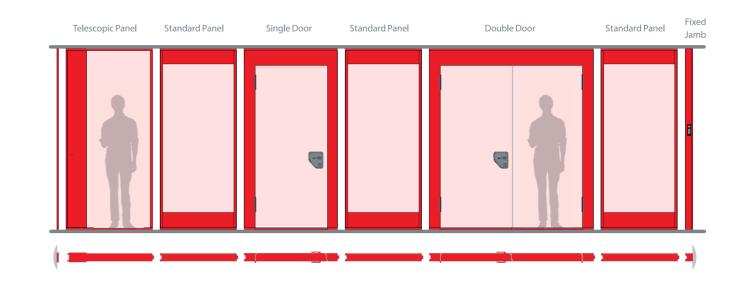
Swatches



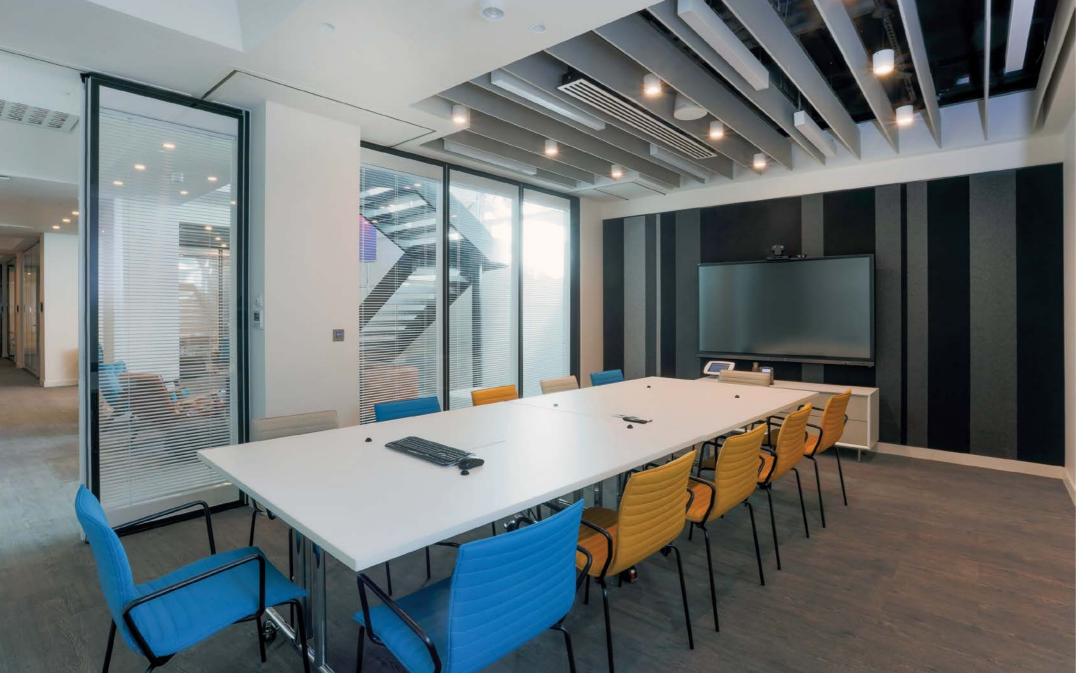
Switch Privacy Glass

Available Panels Elevations

Internal Blinds



74 | | 75









- Offers space flexibility configurable space with the added benefit of light transfer.
 Always semi-automatic operation speed and ease of use.
 Sheer glass panels luxurious light transfer.
 Maximum acoustic integrity for a glass system minimal noise transfer between spaces.
 No floor track unbroken floor surface.

Clarity Super-slim glass moving wall

For transparency and quality, nothing matches Clarity from Apton. Precision engineered components work together as an integral whole to create room dividers that are as subtle as they are robust.

With Clarity you can create an infinite variety of configurations including curved track runs and even curved glass. Bespoke stacking configurations enable panels to stack totally out of sight when in the open position – a feature ideal for high-end retail environments.

Unique product features include smooth curved end caps for enhanced aesthetics, a foot-operated floor-bolt system.



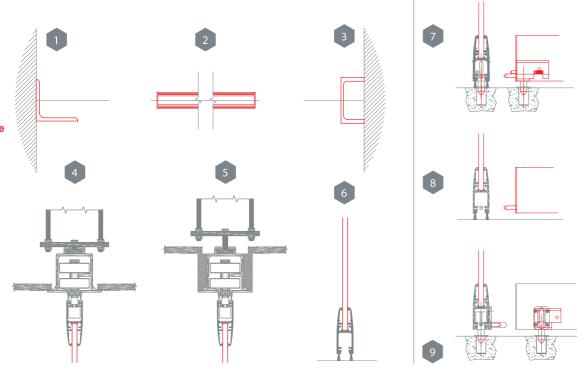


Clarity Super-slim glass moving wall

Apton

Technical Details

- 1. L Angle
- 2. Standard Panel
- 3. U-Channel
- 4. Twin Point
- 5. Twin Point with Pelmets
- 6. Bottom Profile
- 7. Auto Foot Bolt
- 8. Pin Joint
- 9. Face Foot Bolt



Standard Stacking Configurations

Config A Twin-point, H-park

Config B Twin-point, Offset Stack

Config C Twin-point, Linear Stack

Config D Twin-point, H-park Split

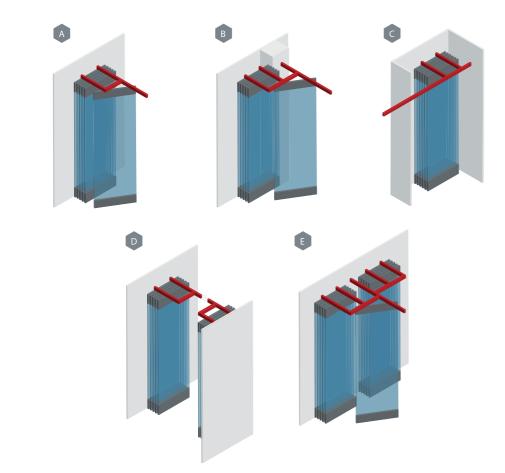
Config E Twin-point, Split Offset Track

Please note:

Panel thickness will vary depending on system type.

Other stacking options are available on request.

Ple ase contact Apton for further details.

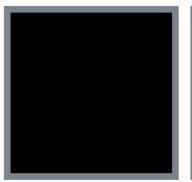


Glass is expected to bow up to 3mm per Linear metre, which is within the industry standards for bowing toleran ces. Apton will not be held liable for any bow within this parameter.

Technical Information	Clarity
Glass thickness	45dB
Profile thickness	110mm
Weight KG/M ²	Contact Apton for details
Max. height	3500mm
Max. panel width	1250mm
Board type	SAA Aluminium Profiles + Glass
Operable seal	Semi-automatic (button operated)
Track system	Aluminium SP+TP
Tolerance height MM	+/- 3mm
Tolerance width MM	+/- 3mm

Swatches

Back-painted glass





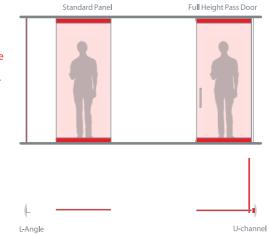


Powder-coated RAL colours for profiles and tracks

Other colours available on request

Available Panels Elevations

If solid MFC panels are required within the same set, please refer to our Float product.



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Features & Benefits

- Elegant space flexibility configurable space.
 No vertical profiles stunning aesthetics and extensive light transfer without acoustic attenuation.
 Slim and unobtrusive enabling efficient use of space.
 No floor track unbroken floor surface.













Apton Systems Environmental Policy

Here at Apton Systems we have always regarded protection of the environment as an important issue and are committed to ensuring that in manufacturing our partitions we do not cause unnecessary environmental harm.

- 1) Apton comply with the Environmental Protection Act 1990 when disposing of Flammable materials, lead and lead compounds, acids and alkalis, metallic and non metallic compounds.
- 2) The paints and lacquers used by Apton are T.I.G and lead free and are applied using the latest energy conservation technology, in our own paint plant.
- 3) Our Timber is supplied by companies who are members of 'Forests Forever', the environmental division of the Timber Trade Federation and are therefore taking active steps to safeguard the world's forests. These companies only source from suppliers who are operating in accordance with the laws of their county with regard to deforestation.
- 4) Our partition systems are almost 100% recyclable and by their very nature are relocatable and if maintained properly, can be reinstalled again and again. All the Steel and Aluminium components can be reclaimed as scrap metal at the end of the product life.
- 5) As an alternative to expensive glass etching Apton recommend translucent manifestations, which are not only cheaper, but are far more environmentally friendly to produce.
- 6) Apton have an annual audit by IFC (International Fire Consultants), to comply with and obtain Third Party Accreditation for our fire related system.









