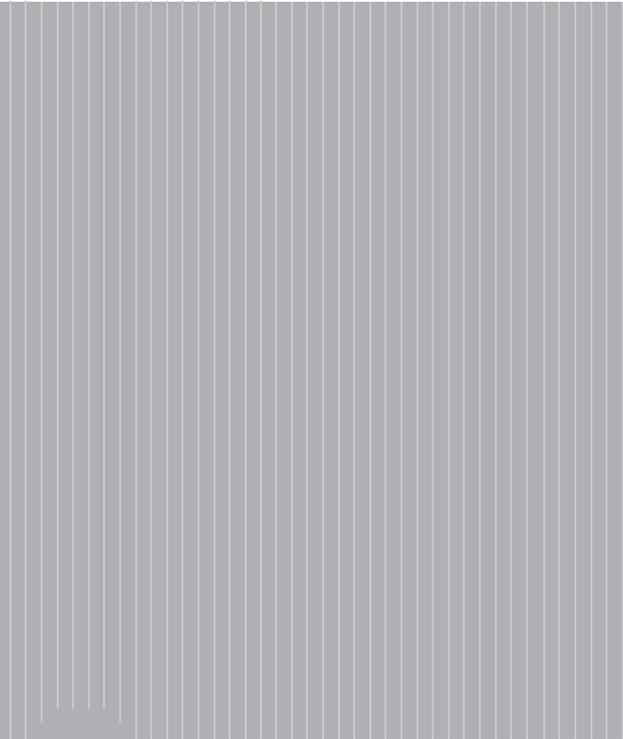


Uniclass L384	EPIC C441
CI/SfB (22.3)	x
February 2012	

# Apex

Bi-block partitioning system





# Apex

simply beautiful, marvellously practical

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.

*Apton*





*Radius corner detail*



*Glazed panel transom detail*

The elegant panels can be hung either vertically or horizontally. The system can be modified or extended, or dismantled and reassembled, quickly and with ease. Apex is endlessly versatile and it comes in a wonderful choice of mix 'n' match panel colours and finishes – laminate, melamine, wood, whiteboard, fabric, vinyl, steel and more.

**Apex**  
Single glazed



*Landscape Apex single glazed partitioning*

# Apex

Double glazed



*Timber veneered panels and half height glazed windows*



*Full height glazing and solid Apex with integral venetian blinds*

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.



Laminated MDF Apex with framed Inspire glazing



Frameless single glazed Quartz with Apex

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**  
Adaptability



Full height Quartz single glazing with Apex provides the ideal setting for the boardroom

# 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 profiles.

**Dimensions:** Nominal 75mm 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 sets.

## 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:** Refer to Apton technical department.

**Sound reduction:** BS EN ISO 140; Rated weighting to BS EN ISO 717.

**Acoustics:** Single glazed 32Rw(dB), double glazed 43Rw(B) and solid 44Rw(dB).

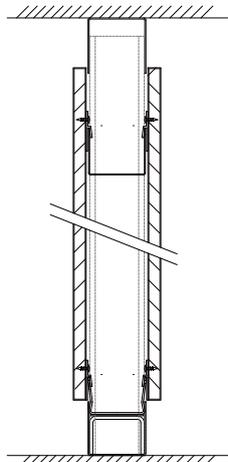
**Structural:** BS5234, BS6180 and BS6399. Commercial office (BS medium duty).



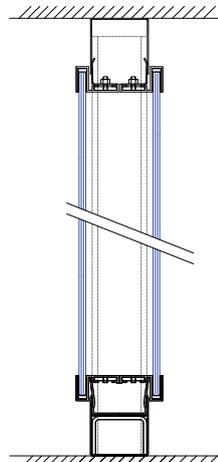
Apex is designed and manufactured by Apton Partitioning Limited in the UK.

# Apex

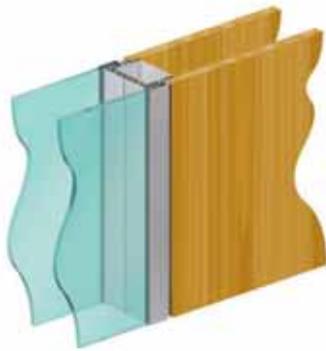
Sectional Drawings



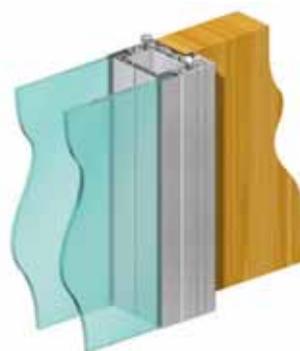
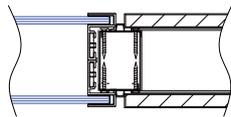
Section through timber panels



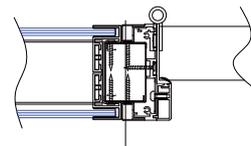
Section through glazed windows



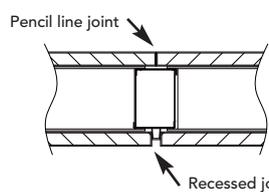
Glass to solid mullion



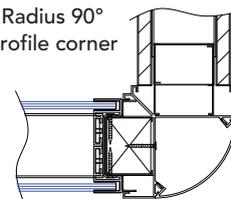
Double glazed door frame



Solid to solid mullion



Radius 90°  
profile corner



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**Apex**

Bi-block partitioning system

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