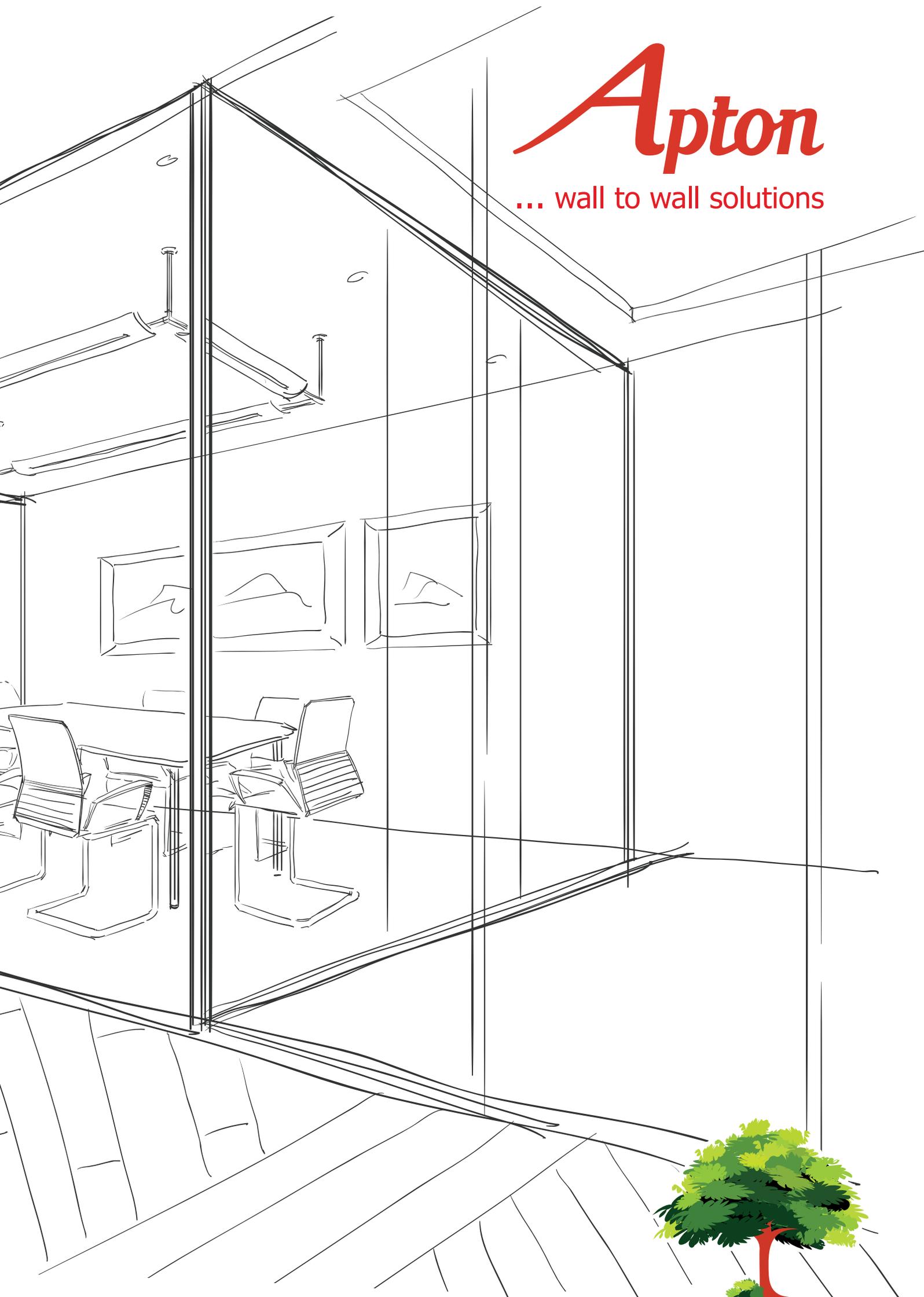


Apton

... wall to wall solutions



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

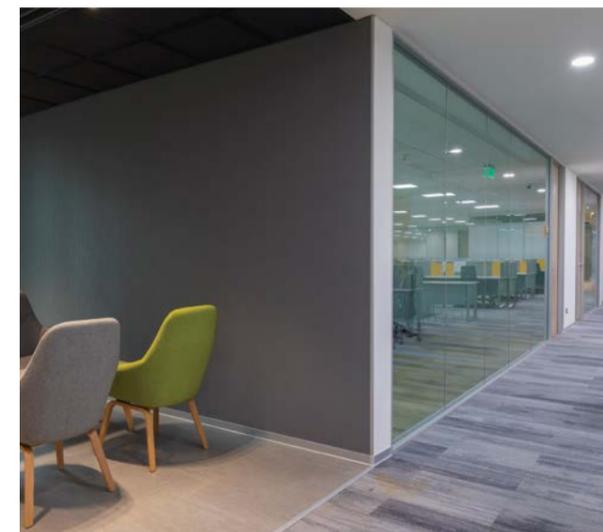
Double Glazed

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.



Quartz

Frameless glazed partitioning system

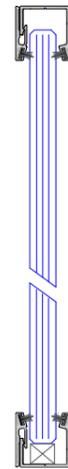
Non Fire Rated Systems Technical specifications



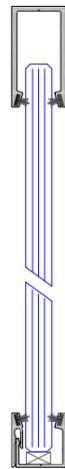
Single glazed channel



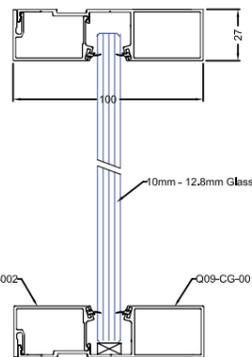
Single glazed 50mm deep deflection channel



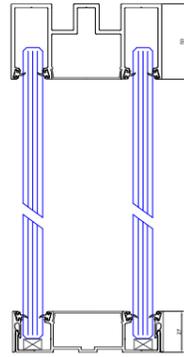
Single glazed Channel



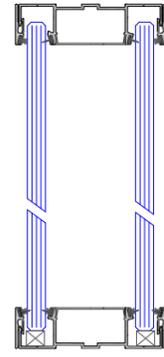
Single glazed 50 mm deep deflection channel



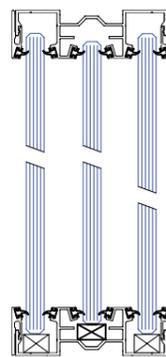
Central Glazed



Double glazed 50 mm deep deflection channel



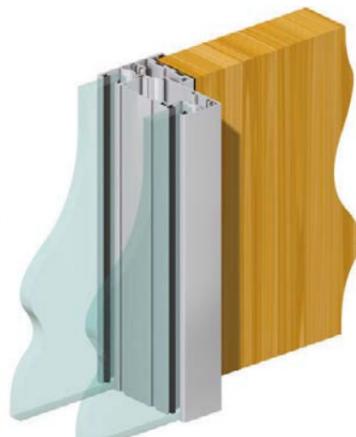
Double glazed Channel



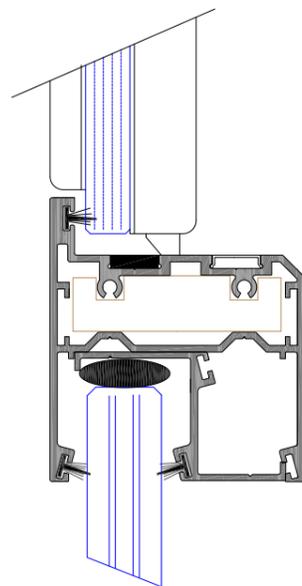
Triple Glazed



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 deflection head and a new extra deep two part deflection head detail is now available.

Glass: 10mm to 19mm glass can be accommodated within Quartz.

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

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.

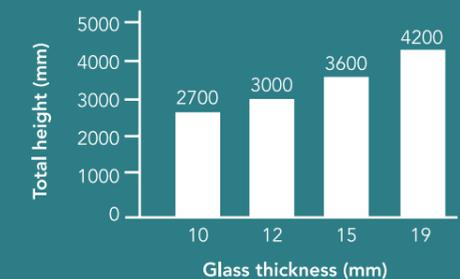
FINISHES

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



ASSEMBLY CHARACTERISTICS

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 glazed 51Rw(dB).

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



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



Quartz

Frameless glazed partitioning system

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