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apton partitioning

delivering the promise

We are skilled at innovative work space solutions to help clients and architects meet their diverse and demanding objectives.

We have the expertise and resources to resolve your Work Space Solutions.

Aplon Partitioning was founded in 1973 as part of the Dexion Group and in 2002 bought themselves out. The current shareholders, who have vast experience in manufacturing, saw Aplon's range of products as an ideal opportunity to utilise the Black Country manufacturing heritage and moved the whole business from Hemel Hempstead to Coseley.

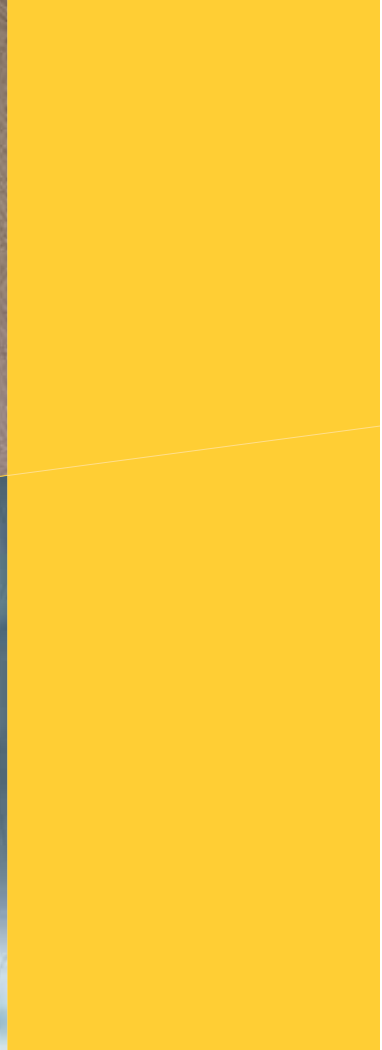
Aplon Partitioning specialises in designing, manufacturing and distributing demountable office partitions and is one of the UK's leading manufacturers of Office Partition Systems.

As members of the RIBA CPD provider network our systems are available in NBS Plus (K30).

Our in-house technical team has worked alongside award winning architects and designers to deliver space management solutions. Should you require a more bespoke or a specific solution to a project you are working on, please contact us. Our team can manage all aspects of your project from the feasibility and concept design stage through to manufacturing and installation.

Aplon Partitioning has an approved nationwide distribution network that works alongside partitioning and interior fit out contractors that specialise in the installation of our full range of products.

From Offices to Hotels, from Universities to Hospitals and everything in between, Aplon has the partitioning systems to assist you to maximise your work space solution.





Features of Quartz

- Easily re-locatable
- Choice of satin stainless steel door furniture
- Exceptional lead times
- Dedicated in-house fitters
- 40mm deflection head track as standard
- 12mm clear toughened glass up to 3000mm high
- Clear PETG 'H' section dry joint between panels
- Aluminium 90 & 135 corner posts
- Track can be painted in any of the Colourline / Silverline colours
- Door Options:
 - Frameless full height
 - Frameless with over panel (2100mm)
 - Framed full height
 - Sliding full height
 - Sliding standard height (2100)

Quartz is a re-locatable modular system available in either clear-cut straight lines or soft curved, creating a flexible bespoke alternative to your work environment. The result is a visually stunning workplace enhanced by natural light.



SOLUQT solutions

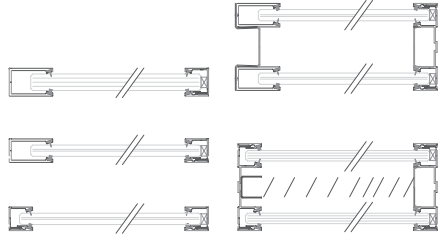
Quartz

The Apton frameless glass partition has a clear aesthetic value bringing both a modern and contemporary feel to your working environment.

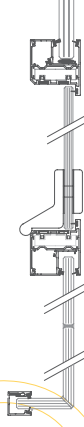
Doors can be situated almost anywhere within the track and choose either frameless (fitted on a floor spring) or within a frame to improve sound attenuation.

Specifications

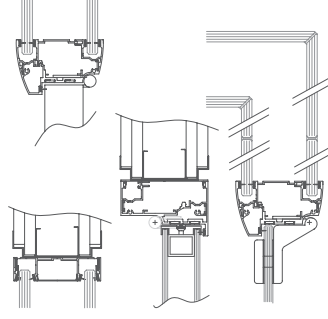
Single and double glazed vertical sections



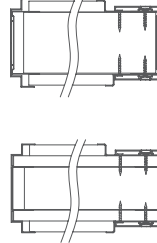
Single glazed junctions



Double glazed junctions



Solid vertical sections



Quartz specifications and performance

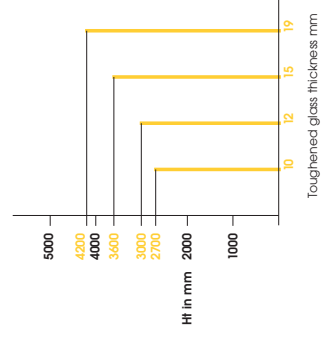
Specification

Height	Up to 3.0m in 12mm glass. Thicker glasses can be accommodated within the system, see chart below.
Tracks	PPC Aluminium.
Thickness	Single glazed 27-32mm (Over tracks), double glazed 100mm (Over tracks). Double glazed with internal 25mm venetian blinds.
Doors	Frameless glass. Framed glass: timber, double and single swing and sliding doors.
Joints	Clear PTFE dry joint. Silicone joint option for single glazed installations.
Finish	Tracks/doorframes: Polyester powder coated in a range of standard RAL colours. Special colours available on request.

Performance

Fire resistance	BS 474 Part 22 30/0 (Integrity only European Classification 'E'); 30/00 (Integrity & Insulation European Classification 'EI').
Sound reduction	BS2750 Rated weighting to BS5281 ('RW'). Single glazed 12mm, 35 Rw(dB). DG: Up to 45 Rw(dB).
Structural	BS 5234, BS6180, BS6399. Level of duty (Medium or heavy) is governed by site specification which will determine the glass selected. Apton technical department can advise.

Frameless glass max. installed heights



Sizes are for medium commercial duty (0.74kN/m) not protecting a drop. 2 Edge supported.