Frequency Partitioning Systems
Single Glazed Specification Overview

FusionPartitions
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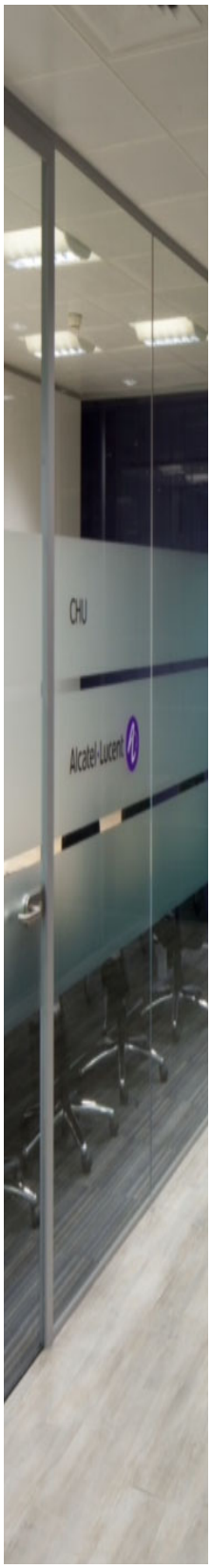

Framing Dimensions:
30mm aluminium slim head / abutment section for independent glazed screen and optional 86mm or 111mm head / abutment channels allow integration with 75mm and 100mm plasterboard partition walls.

Glazed Panels & Acoustics Performance:
10mm Toughened glass - Rw 34dB.
12mm Toughened glass - Rw 36dB.
12.8mm Acoustic laminated glass - Rw 40dB.

Deflection:
Aluminium 2 part head assembly provides +/- 25mm for both the single glazed screen and the integrated plasterboard partition walls.

Integrated Junctions:
Choice of wrap round or tapeable aluminium sections that enable the single glazed screen to be fully integrated with 75mm, 100mm and 122mm plasterboard partition walls.

Glass Junctions:
Straight, 90 degree, variable and 3 way dry joint glass to glass junctions with optional silicon glass to glass joints and 3 way posts that accept plasterboard partition room dividing walls.

Colour Finish:
Polyester powder coated stock colours silver (*RAL 9006*) and white (*RAL 9010*). All other BS4800 and RAL colours available to order.

Manifestation:
To meet the requirements of Part M of the Building Regulations (*minimum 50mm dots @ 100mm centres*) or to clients specification using Digital printed logos / graphics on film, screen printed or acid etched glass.

Door Leaf & Door Frames:
Frameless glass, high acoustic performance Contempo aluminium framed single or double glazed and veneered solid core doors installed in aluminium, natural timber or MDF veneered door frames. Other options include Manet or top hung sliding frameless glass doors.

Ironmongery:
Range of offset top and bottom hinges, top and bottom pivots complete with floor spring (BTS75) complemented with stain or polished stainless steel finished lever sets, pull handles and patch locks,

Drawings & Photographs:
Detailed junction drawings and a selection of installation photographs can be viewed on our web site **www.fusionpartitions.com**

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