

CONSTRUCTION \* TECHNOLOGY \* DETAILS



SYSTEM S52



## Advanced and flexible fit out office solutions



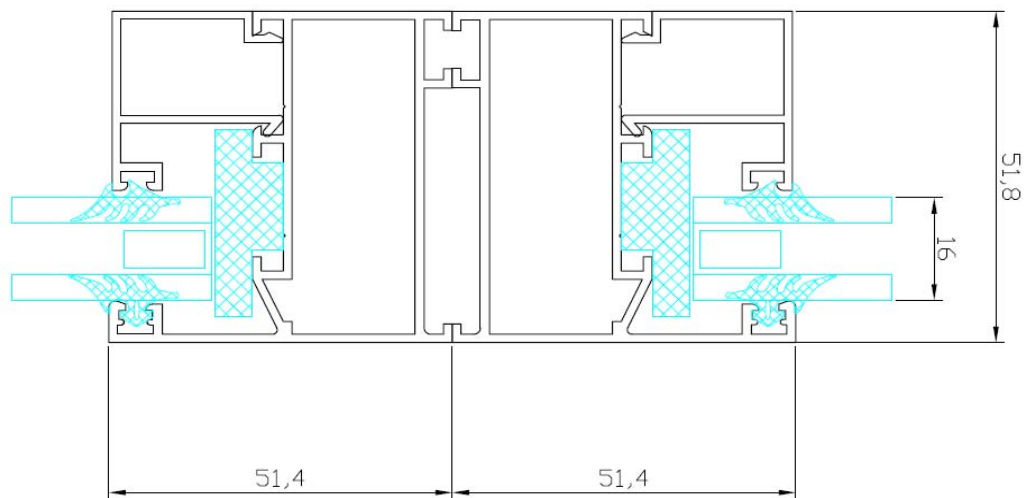
Partition system S52 - wall thickness 52 mm.

The partition system S52 is based on the proven profiled aluminium mullion with integrated suspension system for organisational accessories. The width of the joints between the individual elements is only 103 mm.

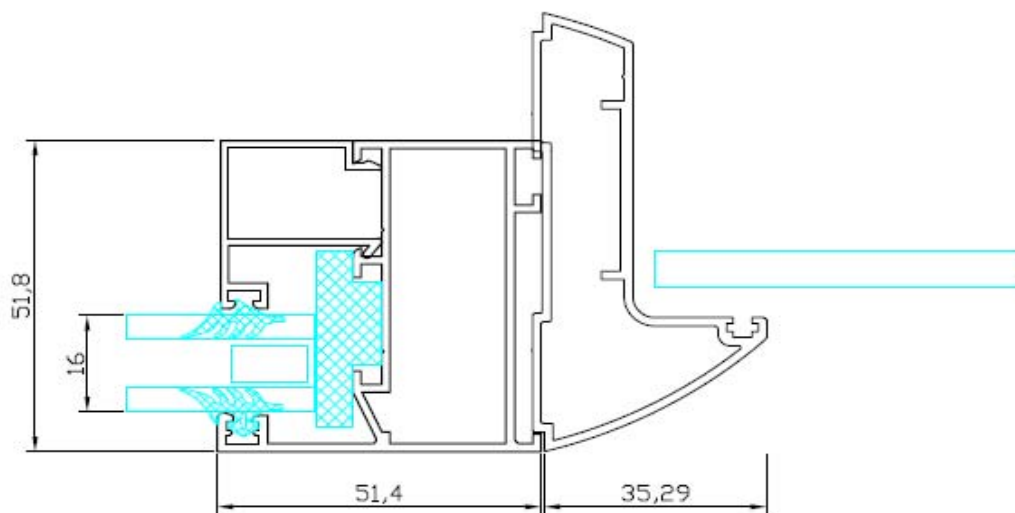
The individual elements are freely interchangeable. In addition to the standard sizes they can be also manufactured with other dimensions appropriate to the particular constructions. The walls of the Partition System S52 is 52 mm. thick, providing a maximum sound attenuation of  $R_{wp} = 44$  dB



S52 - wall thickness 52 mm.



Flush glazing with axial junction joint

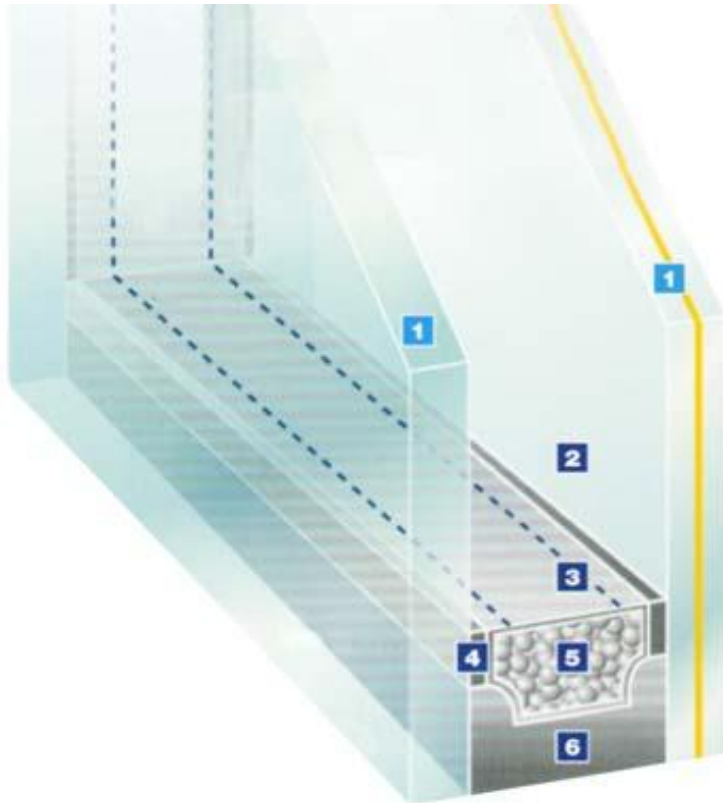


Door unit with door leave 10 mm. tempered glass

## S52 - technical data

Dimensions:	Dependent on construction
Grid:	Centre axis and frame grid, can be mixed
Wall thickness:	52 mm.
Widths:	850 / 1000 / 1250 mm.
Heights:	Any intermediate dimension up to 4000 mm.
Sub structure mullion:	Aluminium mullions, steel internal reinforcement on request
Sub structure connections:	4 piece steel connection sections
Insulation material:	Mineral fibre board, platser board, insulation wool
Skirting details:	Floor connection 52 or 140 mm., wall and ceiling connections 52 mm. wide, colors according RAL, NCS and Sable palette
Tolerance compensation:	Up to construction measurements
Installation:	Solid wall partition unit; power and data supply in horizontal direction; junction boxes in junction volumes on request.
Wall panels:	Wooden particle boards 18 mm. thick; double glazed panels
Surfaces:	Melamine faced; natural veneer; colours of your own choice
Glazing:	Single glazing
	Flush double glazing
	Printed glass
	Textured glass
	Safety glass
Door frames:	Blinds in front of glasses
	Aluminium, powder coated in RAL, NCS or Sable colours
Door leaves:	Timber, various surfaces
	Solid door leave, 40 mm. thick, melamine faced
	Solid door leave, 40 mm. thick, veneer faced
Fittings / ironmongery	Glass door leave 10 mm. tempered glass
	Up to three pieces adjustable door hinges
Sound insulation:	Door handles from the collection
	Up to 44 dB

## S52 - sound insulation



Values in accordance with EN - ISO - 707-1

Sound insulation Rwp	DGU (double glass unit)
29 dB	4 - 12 - 4
31 dB	6 - 12 - 6
33 dB	6 - 12 - 4
36 dB	44.2LA - 12 - 4
37 dB	10 - 12 - 6
38 dB	44.2LA - 15AR - 4
39 dB	44.2LA - 12 - 10
40 dB	44.2LA - 15AR - 6
41 dB	44.2LA - 20AR - 6
42 dB	55.2LA - 20 - 6
43 dB	44.2 Stratophone - 12 - 10
44 dB	66.2 Stratophone - 15 - 10