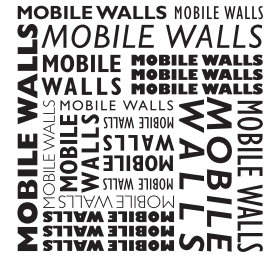


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general description
folding Partitions
FLEXIO



Espero mobile partitions efficiently divide space with the utmost ease and flexibility. Whether the requirement is acoustics, aesthetics, ease of use or cost effectiveness Espero has the answer.

The Flexio is the folding partition of Espero, that has the advantages of both a mobile partition as a folding partition. It is compact when parked and easy to handle. The Flexio folding partition exists of slim panels, which are coupled together with hinges. The last panel (single wing) or the two panels in the middle (bi-parting) are functional as an inset pass door. Normally the partition is divided in even panels and an end panel, yet the inset pass door can be manufactured in a variant width measure until circ. 900 mm. The metal-work of a door can be produced with door-handles and a Euro cylinder or for example with D-ring metal-works. The panels can be finished with almost every current interior-finish, and can therefore easily be integrated with the entire environment.

The Flexio 85 is robust, consisting of an aluminium frame with internal steel-reinforcements. The boards are protected by slim aluminium profiles at the horizontal and vertical sides. The panels are coupled together with semi-integrated hinges.

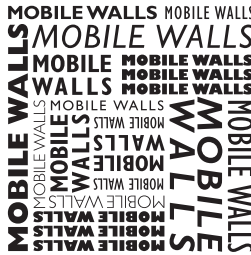
It is possible to park the folding partition centric (central under the track) or ex-centric depending on the situation in which the partition is placed. The panels are in this way and that provided with an operating-point with which the panels are fixed.

The Flexio, in a bottom-rolling version, is a partition which can be used in almost every situation, yet extremely suited for applications where the upper construction is not able to carry the weight of the partition. The total weight is being carried by a slim floor-track system which is levelled and mounted onto the constructed floor. The upper track has only a steering function and is only loaded horizontal.

In general the top-construction does not have to be adjusted to this version, a smooth junction with an internal reinforcements is often sufficient.

The Flexio, in a top hung version, can be applied in specific situations in which for the convenience one will chose a folding when a smooth wall is required. The weight of the wall will be carried by the upper track (and thus the upper building construction). The compact bottom-rolling track system which is placed in the construction floor has only a directive function.

The content of this Technical Data Sheet have been completely brought up to date.
Espero BV has the right to make amendments without giving notice in advance.
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<p>Espero BV Sluisweg 26-28 5145 PE Waalwijk The Netherlands T +31 (0)416 338955 F +31 (0)416 332635 E info@espero.nl I www.espero.net</p>	<p>Folding partition FLEXIO TOP-HUNG & FLOOR-SUPPORTED</p>				
Type	Flexio 85				
Characteristics/Application	Heavy duty option with medium to high sound insulation qualities				
Standard Panel Sizes* Thickness Height Width: Centric Excentric	<p>85 mm Max. 3100 mm</p> <p>450 - 900 mm 400 - 700 mm</p>				
Wall Width*	7500 mm in one wing or 15000 mm in two wings meeting in the middle				
	*Other panels sizes by request				
Frame Construction	Aluminium Frame (ALU 6060 – VB6 A5 VOM1) with internal steel reinforcements. Boards are located inside the frame. Sound insulating materials are sandwiched between the boards.				
Edges / Panel face appearance	Visible vertical (natural colour) aluminium edge profiles. The aluminium profiles can be lacquered in any colour.				
Boards	High quality E1 chipboards 12 mm, with a density of 680 - 720 kg/m3				
Finishes to board surface	All normal finishes that are used in interiors				
Sound Insulation Rw-value (estimated lab. value)	38 dB	40 dB	44 dB	46 dB	49 dB
Weight	25 - 45 kg/m2				
Top and bottom sealing	Rubber sweep seals. For the top sealing the rubber seal is placed in the track profile. For the bottom sealing the rubber seal is placed in the bottom of the panel.				
Track: floor - supported	Top guiding track: Heavy duty aluminium profile - 100mm (w) x 85mm (h). Bottom track: Ultra low heavy duty aluminium profile (ALU 6060 – VB6 A5 VOM1) - 80mm (w) x 8mm (h).				
Track: top - hung	Top guiding track: Aluminium rail, with pelmets, as standard in RAL 9010.				
Trolleys	Bearing with steel surface				
Static behaviour	The panels may not be subjected to external forces or weights as the trolleys and tracks are designed for a specific load				
Environmental constraints	<ol style="list-style-type: none"> 1. Only suitable for inside use 2. Dry surroundings with maximum relative air-humidity of 60% 				

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