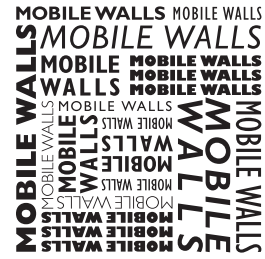


Espero BV
Sluisweg 26-28
5145 PE Waalwijk
The Netherlands
T +31 (0)416 338955
F +31 (0)416 332635
E info@espero.nl
I www.espero.net

Description
Mobile Glass Walls
VISIO & VISIO 85



Espero Visio Mobile Glass Walls divide areas in a flexible, transparent and user-friendly way. Within the range, 2 types are available: Visio and Visio 85.

Visio consists of a series of individual tempered glass panels with top and bottom clamping profiles. Each panel is individually locked into place. All glass finishes can be applied and the aluminium profiles can be coloured to suit. Options such as laminated, etched, coloured, printed and sandblasted glass finishes are all possible.

The Visio 85 consists of a number of individual sandwich panels that combine the benefits of the Visio with sound insulation properties of $R_w = 40\text{dB}$ (Lab. Value). The panels are composed of a self-supporting aluminium frame reinforced with steel and tempered glass on both sides. Each panel has a screen-printed 9 cm border around all sides of the panel, which houses the sealing mechanisms. It is also possible to place blinds in between the glass panels.

Both the Visio and Visio 85 are top suspended, using the same track as the Espero Sonico range. This allows for the panels to be positioned and parked away easily, quickly and silently.

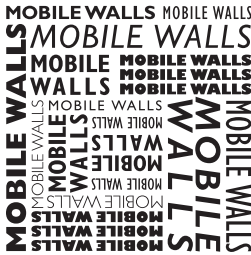
It is possible to choose from the 1-point and the 2-point suspension system, which should be selected according to the requirements of the client.

The 1-point suspension system consists of a single trolley of vertically rolling wheels located in the top centre of the panel. The wheels run in an aluminium track and the panels can only be stacked at either the left or the right of the run.

The 2-point suspension system consists of two sets of two horizontally mounted wheels. This extremely efficient system allows the panels to be multi-directional and they can be parked anywhere the clients wishes.

Depending on the size and weight of the panels an upper construction with sufficient strength and rigidity is required. The top track will be fixed to this upper construction completely level by Espero. At the same time the side and floor alignment must be sufficiently level and plumb.

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.
Data sheet number: Visio 01/ 11.2005

<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>Mobile Glass Wall VISIO 85</p>	
<p>Characteristics/Application</p>	<p>Suitable in all situations where transparency and sound insulation is required.</p>	
<p>Standard Panel Dimensions Thickness Width Height</p>	<p>89 mm 450 - 1240 mm 2000 - 3500 mm</p>	
<p>Frame Construction</p>	<p>Self-supporting aluminium frame, made from heavy duty aluminium profiles with internal steel reinforcements. Glass sheets are located inside the frame.</p>	
<p>Panel view</p>	<p>Visible vertical aluminium edge profiles designed to protect the vertical edges of the boards. The aluminium profiles are normally natural colour anodised but can be lacquered in any colour.</p>	
<p>Glazing</p>	<p>6 mm tempered glass in accordance with Norm EN. 12150 with a tolerance in accordance with EN. 572-2</p>	
<p>Finish</p>	<p>A 90mm border is applied to the glass by means of screen-printing and is available in any RAL colour. The glass inside the border is completely clear. It is possible to individualise the glass and all glass finishes used in interior design can be applied. It is also possible to include blinds.</p>	
<p>Sound Insulation Rw-value (laboratory tested)</p>	<p>40 dB</p>	
<p>Weight</p>	<p>42 kg / m²</p>	
<p>Side sealing of the panels</p>	<p>Twin seals of a tongue-and groove principle, with EPDM (rubber) seals. A solid and uniform sound insulation is guaranteed.</p>	
<p>Top and bottom sealing of the panels</p>	<p>Heavy duty aluminium extendable-profiles including closing EPDM seals.</p>	
<p>Operating mechanisms</p>	<p>Basic / Functional Panels: The patented 'Espero Quick System' (quarter turn). Telescopic Panel: The patented 'Espero Double Sequence' mechanism. These operating mechanisms allow for fast and easy movement of the panels.</p>	
<p>Track</p>	<p>Heavy-duty aluminium profile. The 1-point rail = 50 x 98 mm. (width x height), The 2-point rail = 74 x 98 mm. (width x height)</p>	
<p>Multiple-wheel Trolleys</p>	<p>Steel ball bearings with plastic (PA/Nylon) surface for smooth and silent movement of panels 1-point: max. 240 kg panel weight 2-point: max. 400 kg panel weight</p>	
<p>Static behaviour</p>	<p>The panels may not be subjected to external forces or weights as the trolleys and tracks are designed for a specific load.</p>	
<p>Environmental constraints</p>	<p>1. Only suitable for inside use 2. Dry surroundings with maximum relative air-humidity of 60%</p>	

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