Easifix

Calculating Opening Sizes

There are two formulae to calculate the opening size for Easifix:

Option 1 is to calculate the dimensions for the inside edge of the perimeter opening (including Easifix Sleeve and timber - as standard as per Matrix opposite).

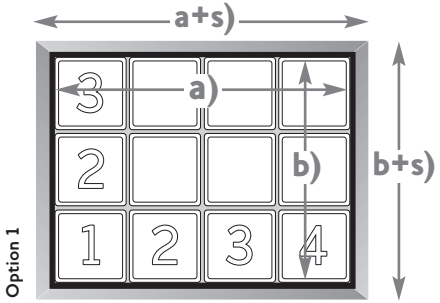
Option 2 is to omit the Easifix Sleeve and timber.

Connecting to the Perimeter Opening

If an Easifix panel is constructed into a timber stud wall and a clean line between the blocks and plasterboard is required, this can be achieved by omitting the Easifix sleeve and timber framing. However, re-calculate the opening size for just glass blocks and Easifix spacer, including perimeter expansion joint.
Stainless steel anchor brackets act like reinforcement rods and is how horizontal Easifix spacers are connected and restrained to the framework (either Easifix Sleeve and timber or stud aperture). The brackets are located at both ends.
A glass block panel should never be freestanding (constructed just off the floor/base). For best integral strength a panel should be installed into a minimum of three sides, preferably four.
An open-ended panel using end glass blocks should not be built with Easifix but Rods & Mortar. The exposed edge would be a weak point.

Examples using slimline joints & 190x190mm glass blocks.

Easifix panel with Easifix Sleeve and timber



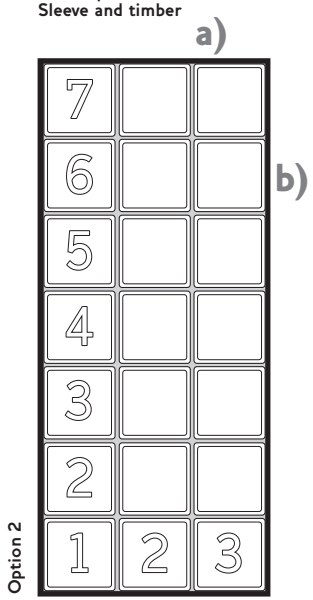
a) Width

190mm glass block and 5mm joint:	195
Number of blocks x4	780
Plus fifth joint:	6mm
a) Minimum Opening Width:	786mm
Easifix Sleeve:	x 2 @ 17mm
a+s) Minimum Opening Width incl. Sleeve and timber:	820mm

b) Height

190mm glass block and 4mm joint:	194
Number of blocks x3	582
Plus fifth joint:	6mm
b) Minimum Opening Height:	588mm
Easifix Sleeve:	x 2 @ 17mm
b+s) Minimum Opening Height incl. Sleeve and timber:	622mm

Easifix panel without Easifix Sleeve and timber



a) Width

190mm glass block and 5mm joint:	195
Number of blocks x3	588
Plus fifth joint:	6mm
a) Minimum Opening Width:	591mm

b) Height

190mm glass block and 4mm joint:	194
Number of blocks x7	1358
Plus fifth joint:	6mm
b) Minimum Opening Height:	1364mm

Notes:

- Take the width of the block (e.g., 190mm).
- Add the width of the vertical spacer joint (5mm) width, (4mm) height.
- Multiply by the number of blocks in the horizontal/vertical course.
- Add one more joint width (6mm) as for four blocks you will have five joints.
- The final joint dimension is 6mm. This allows for 5mm at one end (4mm spacer and 1mm anchor bracket) and 1mm to be added to the 4mm Easifix joint at the opposite end.
- Add 17mm Easifix Sleeve and timber to each end.

Matrix

EF1/1 (235x234)	EF2/1 (430x234)	EF3/1 (625x234)	EF4/1 (820x234)	EF5/1 (1015x234)	EF6/1 (1210x234)	EF7/1 (1405x234)	EF8/1 (1600x234)	EF9/1 (1795x234)	EF10/1 (1990x234)	EF11/1 (2185x234)	EF12/1 (2380x234)
EF1/2 (235x428)	EF2/2 (430x428)	EF3/2 (625x428)	EF4/2 (820x428)	EF5/1 (1015x234)	EF6/2 (1210x428)	EF7/2 (1405x428)	EF8/2 (1600x428)	EF9/2 (1795x428)	EF10/2 (1990x428)	EF11/2 (2185x428)	EF12/2 (2380x428)
EF1/3 (235x622)	EF2/3 (430x622)	EF3/3 (625x622)	EF4/3 (820x622)	EF5/3 (1015x622)	EF6/3 (1210x622)	EF7/3 (1405x622)	EF8/3 (1600x622)	EF9/3 (1795x622)	EF10/3 (1990x622)	EF11/3 (2185x622)	EF12/3 (2380x622)
EF1/4 (235x816)	EF2/4 (430x816)	EF3/4 (625x816)	EF4/4 (820x816)	EF5/4 (1015x816)	EF6/4 (1210x816)	EF7/4 (1405x816)	EF8/4 (1600x816)	EF9/4 (1795x816)	EF10/4 (1990x816)	EF11/4 (2185x816)	EF12/4 (2380x816)
EF1/5 (235x1010)	EF2/5 (430x1010)	EF3/5 (625x1010)	EF4/5 (820x1010)	EF5/5 (1015x1010)	EF6/5 (1210x1010)	EF7/5 (1405x1010)	EF8/5 (1600x1010)	EF9/5 (1795x1010)	EF10/5 (1990x1010)	EF11/5 (2185x1010)	EF12/5 (2380x1010)
EF1/6 (235x1204)	EF2/6 (430x1204)	EF3/6 (625x1204)	EF4/6 (820x1204)	EF5/6 (1015x1204)	EF6/6 (1210x1204)	EF7/6 (1405x1204)	EF8/6 (1600x1204)	EF9/6 (1795x1204)	EF10/6 (1990x1204)	EF11/6 (2185x1204)	EF12/6 (2380x1204)
EF1/7 (235x1398)	EF2/7 (430x1398)	EF3/7 (625x1398)	EF4/7 (820x1398)	EF5/7 (1015x1398)	EF6/7 (1210x1398)	EF7/7 (1405x1398)	EF8/7 (1600x1398)	EF9/7 (1795x1398)	EF10/7 (1990x1398)	EF11/7 (2185x1398)	EF12/7 (2380x1398)
EF1/8 (235x1592)	EF2/8 (430x1592)	EF3/8 (625x1592)	EF4/8 (820x1592)	EF5/8 (1015x1592)	EF6/8 (1210x1592)	EF7/8 (1405x1592)	EF8/8 (1600x1592)	EF9/8 (1795x1592)	EF10/8 (1990x1592)	EF11/8 (2185x1592)	EF12/8 (2380x1592)
EF1/9 (235x1786)	EF2/9 (430x1786)	EF3/9 (625x1786)	EF4/9 (820x1786)	EF5/9 (1015x1786)	EF6/9 (1210x1786)	EF7/9 (1405x1786)	EF8/9 (1600x1786)	EF9/9 (1795x1786)	EF10/9 (1990x1786)	EF11/9 (2185x1786)	EF12/9 (2380x1786)
EF1/10 (235x1980)	EF2/10 (430x1980)	EF3/10 (625x1980)	EF4/10 (820x1980)	EF5/10 (1015x1980)	EF6/10 (1210x1980)	EF7/10 (1405x1980)	EF8/10 (1600x1980)	EF9/10 (1795x1980)	EF10/10 (1990x1980)	EF11/10 (2185x1980)	EF12/10 (2380x1980)
EF1/11 (235x2174)	EF2/11 (430x2174)	EF3/11 (625x2174)	EF4/11 (820x2174)	EF5/11 (1015x2174)	EF6/11 (1210x2174)	EF7/11 (1405x2174)	EF8/11 (1600x2174)	EF9/11 (1795x2174)	EF10/11 (1990x2174)	EF11/11 (2185x2174)	EF12/11 (2380x2174)
EF1/12 (235x2368)	EF2/12 (430x2368)	EF3/12 (625x2368)	EF4/12 (820x2368)	EF5/12 (1015x2368)	EF6/12 (1210x2368)	EF7/12 (1405x2368)	EF8/12 (1600x2368)	EF9/12 (1795x2368)	EF10/12 (1990x2368)	EF11/12 (2185x2368)	EF12/12 (2380x2368)

All matrix panels include Easifix Sleeve and timber.
For dimensions without Esifix Sleeve and timber, subtract: x2@17mm - 34mm.

ALL DIMENSIONS IN MM