

## Selecting Panel Types and Panel Sizes

### Panel Types

As well as choosing the style or colour of glass block for your project, it is also important to think about & select the type panel required to meet your demand in terms of design, safety & performance as well as selection of installation system.

In the following graphical illustrations, "supported" refers to the panels being anchored or restrained to the perimeter opening, in the case of rods & mortar the stainless steel reinforcement bars either drilled in to the perimeter alternatively tied with panel anchors. For easifix, the horizontal spacer is tied to the aperture using the easifix anchor bracket.

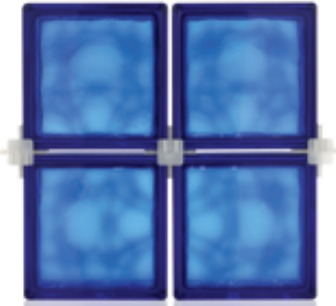
With the diversity of block styles & sizes available all types of glass block

walling can be created including combination walls, using a mixture of 190x190mm & 190x90mm or 240x240mm & 240x115mm.

Easifix is the most suitable option to construct a slim line joint. The pre-extruded spacer width is 4mm. Using Rods & Mortar, the smallest joint achievable horizontally & vertically is 6mm. Below this is not recommended for glass block walling from the points of view of panel stability & joints that are too thin could be subject to hairline or fracture cracks. Building freehand is never very accurate as without spacers, weight compression could cause mortar squeeze resulting in the block joints being uneven. Easifix can only be used internally for straight non

fire rated glass block walling in conjunction for 80mm wide glass blocks.

To achieve the slimmest joint possible - see Easifix...



Mulia Cobalt Blue Flemish blocks using 10mm spacers.

### Selecting the Panel Size

Extensive research into glass block sales have been analysed & the findings show that about 80-85% of glass block projects undertaken will be using 190x190x80 within straight glass block walls not exceeding 12 blocks wide x12 blocks high.

Ordering glass blocks & installation accessories need not be complicated, Panel Kits offers a fast solution.

When requesting a quote or ordering, three vital items of information are required:

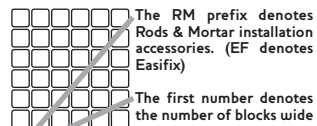
Block Type, Panel Size and Installation System.

Panel Kits has been developed to speed up the process of requesting a quotation. A unique simple way has been designed for ordering accessories for any straight panel from a single

block to a wall 12 blocks wide x12 high, for both loose build fitting systems, Rods & Mortar and Easifix.

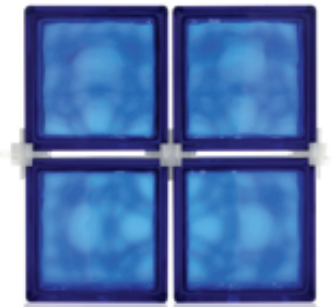
Panel kits are available for either Rods & Mortar or Easifix, recognisable by a specific prefix.

Panels are identified by unique reference codes.



The RM prefix denotes Rods & Mortar installation accessories. (EF denotes Easifix)  
 The first number denotes the number of blocks wide  
**RM6/6** — The second number denotes the number of blocks high  
 (1210x1210mm)  
 Details required opening size to construct glass block panel in mm

Diagrams are arranged to represent the panels, the prefix denotes the fitting system for example RM for Rods & Mortar and EF for Easifix. The first numerical figure denotes the width, the second figure the height and the dimensions below state the required opening size in mm's.



Mulia Cobalt Blue Flemish blocks using 6mm spacers.



LaRochere Green Flemish blocks. Constructed with Roads & Mortar using 6mm spacers.