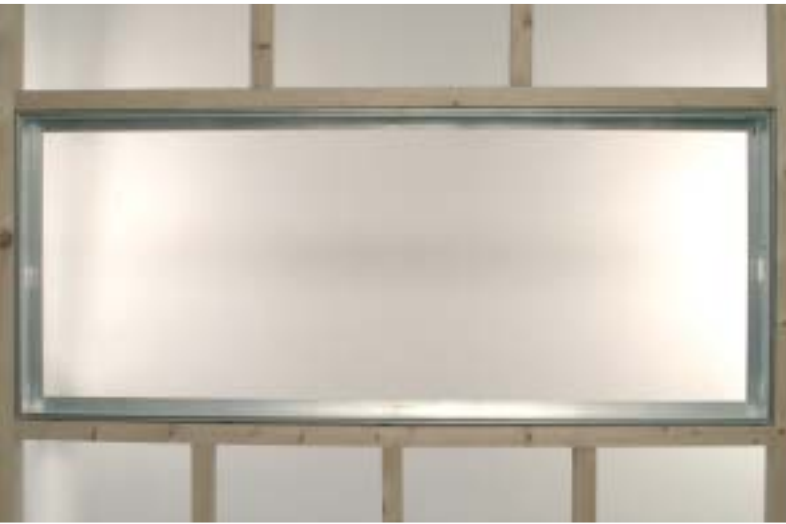


precast
EASIFIX



GLASSBLOCK
TECHNOLOGY

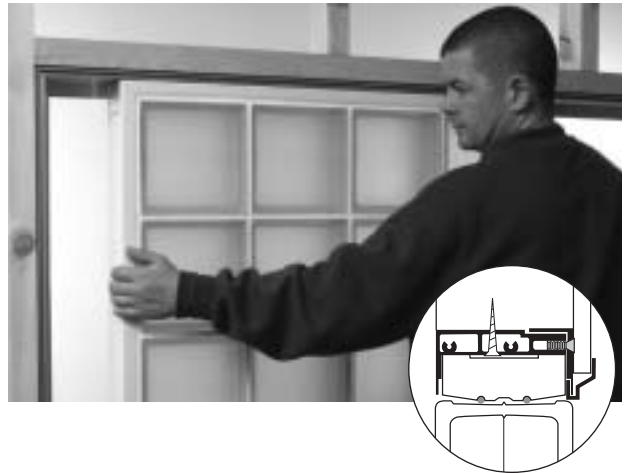
PRECAST EASIFIX GLASS BLOCK PANELS

CONCEPT

Precast Easifix is a dry fix system and one of the simplest ways of installing glass blocks. A revolutionary two part U channel manufactured by Glass Block Technology allows you to fit precast glass block panels quickly and easily.

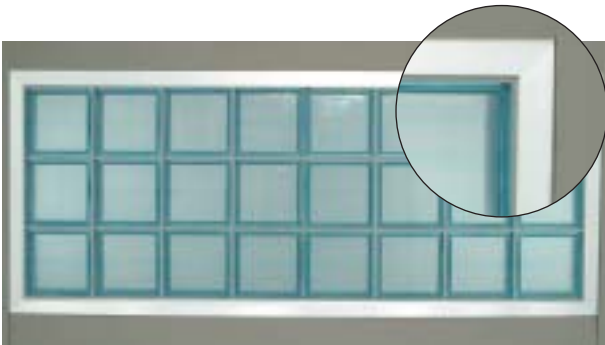
Precast Easifix is an ideal product for bar fronts, counters, dividing walls, virtually any straight non fire rated glass block panel.

Two types of panel are available : standard or interconnecting.

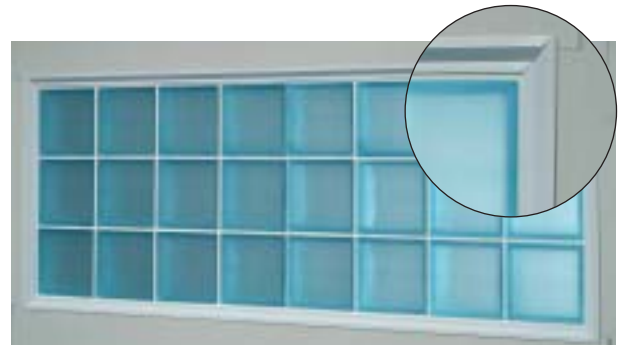


CHANNEL FINISHES

The aluminium channel is available in a white powder coated finish, it can also be powder coated in any RAL or BS colour to special order. The plasterboard cover strip is available in white UPVC as standard.



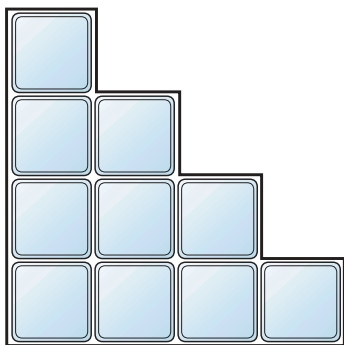
Detail 1 : The channel exposed in a powder coated finish.



Detail 2 : The channel covered one side or two in the Precast Easifix plasterboard cover strip

PRECAST EASIFIX DESIGNS

Precast Easifix panels are custom manufactured to specification and a whole variety of combinations are possible. Precast Easifix can only be used in conjunction with 80mm thick blocks but by using different sizes of glass blocks all combinations of designs can be created, for example :



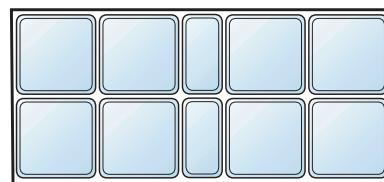
A triangle of 190x190 blocks



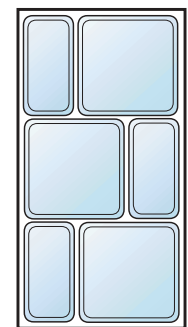
A panel of 190x90



Mixing 240x115 with 115x115



Mixing 190x190 with 190x90



Mixing 240x115 with 240x240

SELECTING GLASS BLOCKS FOR PRECAST PANELS

SUITABILITY

Illustrated here is a selection of glass blocks that can be used in Precast Easifix panels from Glass Block Technology.

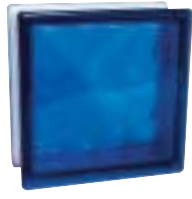
Note : La Rochere and Weck clear blocks cannot be mixed with Precast Easifix.

Any 80mm glass blocks can be used.

LA ROCHERE BLOCKS



Flemish Clear



Flemish Cobalt Blue



Flemish Bronze



Flemish Blue



Quadra block



Transparent Alpha



Frosted Rose



Java Blue



Flemish Green



Bubble Bronze

WECK BLOCKS



Blue Clarity



Grey Arctic



Clear Arctic



KG



Regent Clear



BPG



BKG



Metallik Clear



Cortina



Nubio Half Blocks

Here is a simple guide to assist in selecting glass blocks when the level of transparency required is an issue.



Transparent



Transparent Alpha



Quadra Block



Clear Flemish



Clear Frosted

To see the full block ranges from La Rochere or Weck, see the range brochure or visit www.glassblocks.co.uk/glassblocks

TEL : 0161 612 6893 FAX : 0161 285 1503

SALES OFFICE : 170 Lodge Lane, Hyde, Cheshire SK14 4LB

TECHNICAL OFFICE TEL : 01746 780026 FAX : 01746 781704

WEB : www.glassblocks.co.uk E-MAIL : info@glassblocks.co.uk

PRECAST EASIFIX GLASS BLOCK PANEL INSTALLATION GUIDE

- GOLDEN RULES :**
- ✓ Precast Easifix glass block panels are not load bearing.
 - ✓ For best integral strength, always install into a four sided opening.



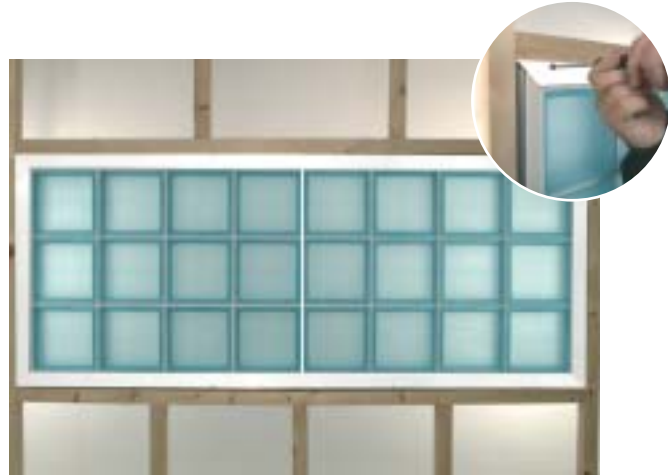
Step 1 : Position and screw in place first part of aluminium channel. Ensure that the screws are located to the relevant marker.



Step 2 : Vertically lift the first panel having placed plastic packers on base of aluminium (a) and slide into position. Temporarily secure in place using restraint anchors (b) supplied.



Step 3 : Apply silicone to the connecting joint on the second panel (c). Carefully lift second panel in vertical motion onto plastic packers and slide up to first panel ensuring a neat joint at intersecting point. Note : Apply more silicone if required.



Step 4 : Position second piece of channel and screw bolts into pre-drilled holes. Note : Fit sides first, then top piece, then bottom. If the Precast Easifix is a vertically or horizontally connecting panel, grout the connecting joint, both sides with the grout supplied.



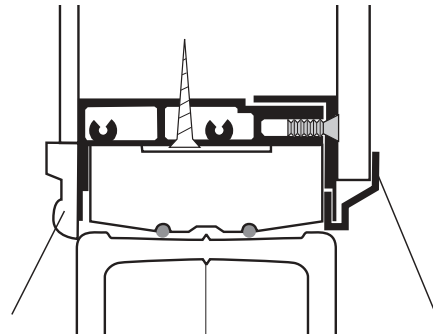
Step 5 : If using plasterboard coverstrip carefully measure, mitre corners and slot into position.



Step 6 : Position plasterboard behind cover strip.

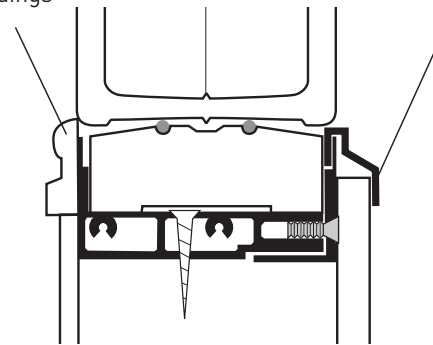
CASE STUDY : APARTMENT

Precast Easifix panels combining Cobalt Blue and Transparent Flemish blocks used to create partition window within an apartment.



Finish using
dado
mouldings

Finish using
plasterboard
covers

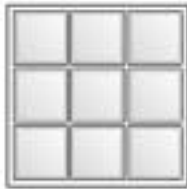


LEISURE SECTOR USAGE

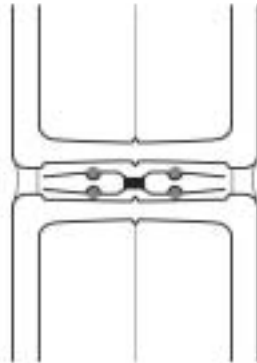
Precast Easifix panels used to create backlit bar fronts and backlit podium areas.



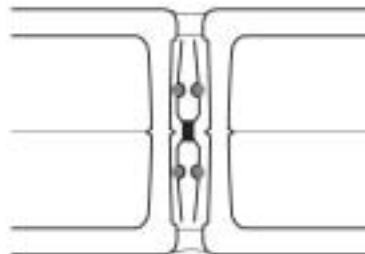
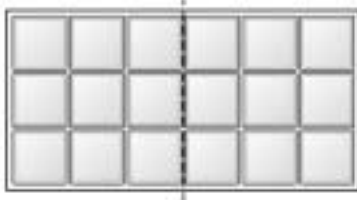
PANEL TYPES AND DETAILS



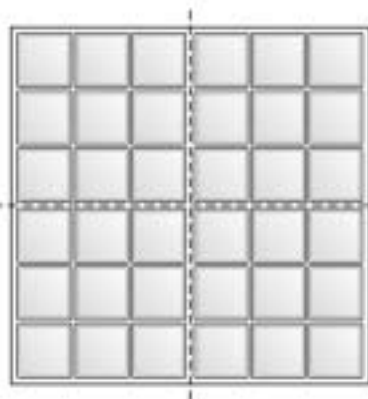
Standard Panel



Horizontal Connecting



Vertical Connecting



Multiple Connecting

GOLDEN RULES

Precast Easifix glass block panels are not load bearing.

For best integral strength, always install into a four sided opening.

FITTING INSTRUCTIONS

Precast Easifix Panels are delivered as a pre-assembled unit.

Remove factory packaging

1. Unscrew cover/retaining plate.
2. Remove glass block panel from U channel.
3. Fix U channel into prepared opening and screw fix at 600mm centres using packers to ensure squareness.
4. Carefully place the glass block panel into the U channel and use packers to obtain a uniform perimeter border.
5. Screw fix the cover/retaining plate.

FOR INTERCONNECTING PANELS

Proceed as per 1 to 4.

6. Place first section into position and retain with cover plate off cut.
7. Proceed placing all other connecting panels adjusting squareness.
8. Remove retaining off cuts and replace with full cover/retaining plates.
9. Grout connecting joints with matching mortar (supplied).
10. Caulk perimeter with silicon. Do not bridge with mortar.
11. Remove protective film.

If plasterboard cover strip is used : plaster board over retaining plate and clip on UPVC cover plate.

ADVANTAGES OF PRECAST EASIFIX

Panels manufactured under ideal factory conditions.
 Uniformity of joints.
 Ease, speed and simplicity of installation.

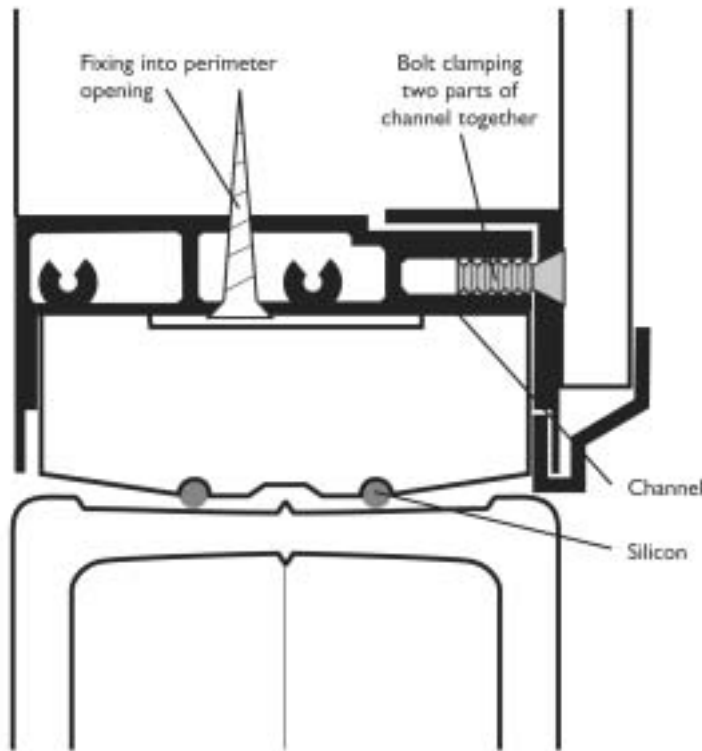
NB. Precast Easifix is suitable for :
 Internal use only with 80mm glass blocks.

Minimum panel size : 1 block
 Maximum panel size : Restricted by weight only for handling and transportation.
 (Please consult Glass Block Technology Ltd).

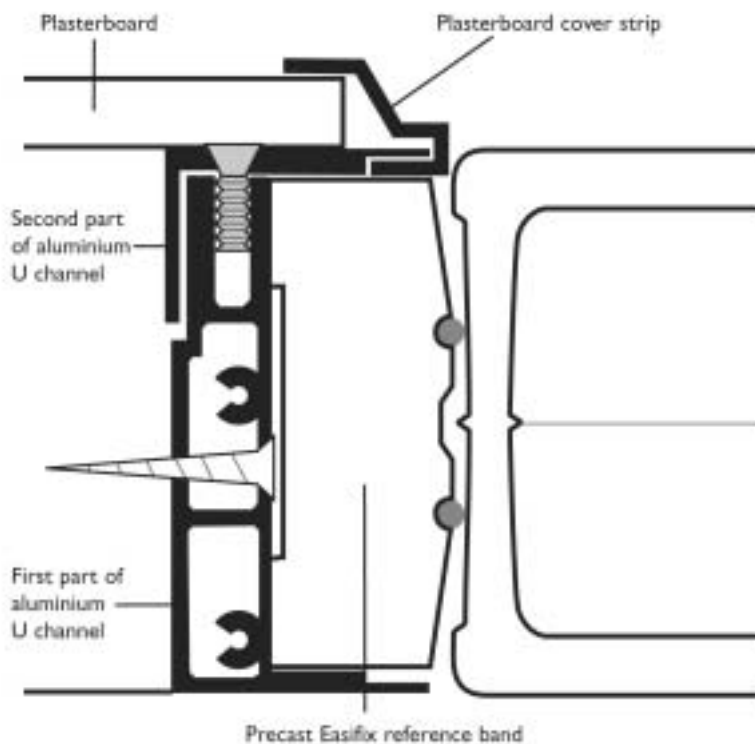
CALCULATING OPENING SIZES

No of blocks x 195mm plus 82mm. Exact measurements will be supplied by Glass Block Technology Ltd against individual block selection as each block has a tolerance of ± 1 mm.

VERTICAL FIXING DETAIL



HORIZONTAL FIXING DETAIL



SPECIALIST RULES

CONCEPT:

Standard Precast Easifix Panels are finished units, supplied with the reference band around all four sides complete with the joints either finished in grout (Colmef Vetromix glass block mortar) or silicone. The panel is despatched with the aluminium U channel frame connected together surrounding the panel.

MINIMUM PANEL SIZE:

The minimum panel size possible to manufacture is one single glass block (ie for port holes etc.)

MAXIMUM PANEL SIZE:

As Precast Easifix panels have to be manually handled either during transportation or installation we have to be aware of the weight of the panel. For large applications refer to connecting panels.

SPECIFYING STANDARD PRECAST EASIFIX :

Precast Easifix does not carry a fire rating.

Precast Easifix can only be used in straight panels.

Glass Block Technology on request will provide drawings confirming the overall maximum panel size (including the U Channel). From these measurements you will be able to detail the height and width dimensions for the opening.

The only holes that are not pre drilled are the ones on the inner face of the main section of the U channel that fits directly into both jambs, top and bottom. We prefer the installer to drill the holes to allow for the correct size screw and rawl plug to best suit the opening i.e. masonry, steel, timber stud and plasterboard etc.

The following block sizes can be used in a Precast Easifix panel :

- 115x115x80,
- 146x146x80,
- 190x90x80,
- 190x190x80,
- 240x240x80,
- 240x115x80.

All information is accurate to the best of our knowledge at time of going to press, however, colour images may vary slightly due to the photography, reproduction and printing process. Glass Block Technology Ltd cannot be held liable in any way regarding the usage of glass blocks and the manner in which they are installed. Glass Block Technology reserve the right to amend or correct changes at any time.