

FIRE BLOCKS, U VALUE & ACOUSTIC PERFORMANCE RANGE - F15

F15

Glass Block Technology Standard Glass Block Range, manufactured by La Rochere offers a variety of patterns, styles & colours.

F15 PHYSICAL PROPERTIES

SIZE	190 x 190 x 80mm or 190 x 190 x 100mm
LIGHT TRANSMISSION:	Clear 80%, Coloured 60%
WEIGHT:	80mm thick : 2.4 kgs; 100mm thick : 2.7 kgs
PATTERNS AVAILABLE:	



Shown is a small selection. See GBT literature for full range or visit www.glassblocks.co.uk

THERMAL TRANSMISSION:	U value = 2.9 W/m ² °C
SOUND ABSORBENCY:	42 dB (Dependant upon frequency)
FIRE RATING (TO EN 3461-1):	60 minutes fire integrity & 15 minute thermal isolation.

Tested at CTICM [France]. Test data is available from Glass Block Technology.

RECEIVED
- 6 MAR 2007

SPECIFICATION FOR F15 GLASS BLOCK RANGE

MAXIMUM PANEL SIZE:	25m ² with width or height not exceeding 6m in either direction.
PERIMETER BORDERS:	Not required for loose build. Precast a minimum of 35mm.
JOINT REINFORCEMENT:	One ø6mm stainless steel reinforcement rod every course, horizontally & vertically.
EXPANSION MATERIAL:	10mm width. Bitumen fibre to base for assistance with weight compression & expansion foam to head & jambs, caulked over with fire stop silicone (dependent on finishing detail, either encased in steel U profile or protected behind plasterboard).

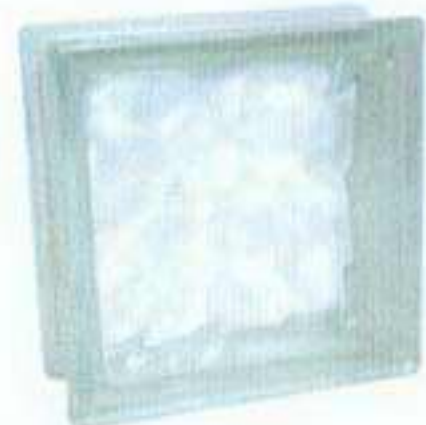
Various details are available for specifying from the standard range. Data sheets can be viewed in specific installation literature (Rods & Mortar Manual for Loose Build or Precast Concrete Glass Block Walling Systems for Precast Vertical Installations) or can be downloaded by visiting www.glassblocks.co.uk

GENERAL INFORMATION

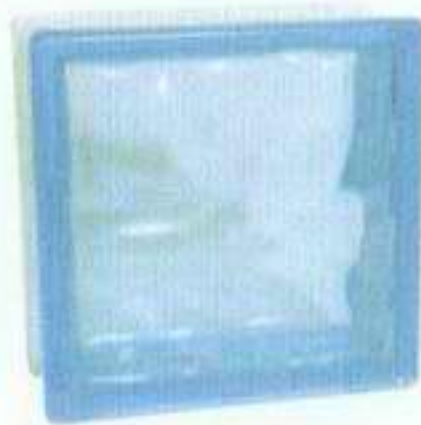
Insulating glass blocks are manufactured by heat fusion at more than 800°C of two hollow half bricks obtained by compression of a glass drop* at about 1050°C. - Fusion is obtained at approximately 1550°C. The blocks are annealed at 560°C to eliminate internal tensions and contain rarefied air.

The *glass composition is: Silica-sand, soda ash, and calcium.

Illustrated is the range of glass blocks produced by La Rochère. Below each image is the product name, and the size that the block is available. All measurements are in mm.



CLEAR FLEMISH
190x190x80 / 190x190x100 /
240x240x80



BLUE FLEMISH
190x190x80



COBALT BLUE FLEMISH
190x190x80



GREEN FLEMISH
190x190x80



TRANSPARENT
190x190x80 / 190x190x100 /
240x240x80



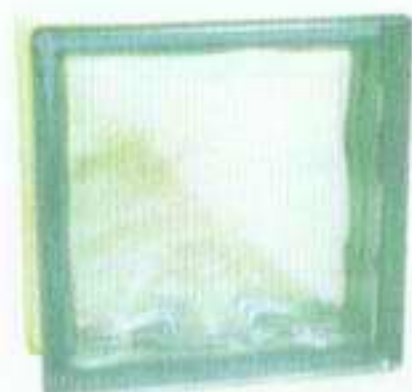
CLEAR BUBBLE
190x190x80 / 240x240x80



BRONZE BUBBLE
190x190x80



BLUE BUBBLE
190x190x80



TURQUOISE FLEMISH
190x190x80



ROSE FLEMISH
190x190x80



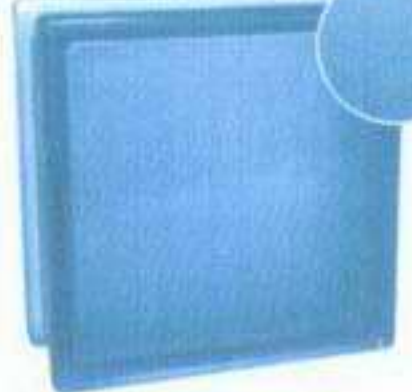
BRONZE FLEMISH
190x190x80



GREY FLEMISH
190x190x80



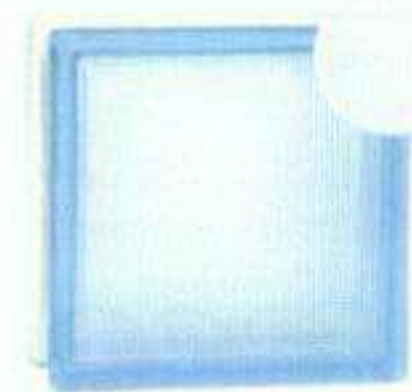
CLEAR JAVA
190x190x80



BLUE JAVA
190x190x80



ROSE JAVA
190x190x80



TURQUOISE JAVA
190x190x80



CLEAR FROSTED
190x190x80 / 240x240x80



BLUE FROSTED
190x190x80



COBALT BLUE FROSTED
190x190x80



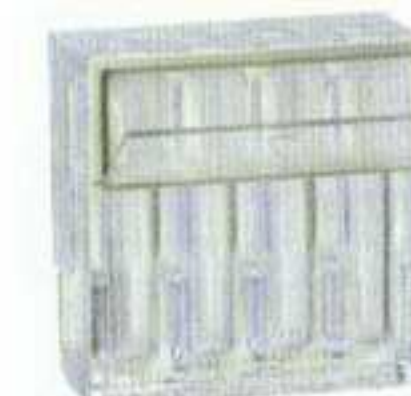
GREEN FROSTED
190x190x80



ROUND TRANSPARENT
240x80



ROUND CLEAR FLEMISH
240x80



VENTILATION BLOCKS

Available in sizes : 190x190x80

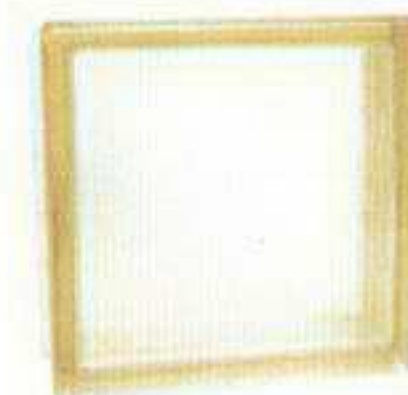
Only to be used in conjunction with
Rods & Mortar installation systems.

Single blocks can be
ordered with slimline
concrete borders and
unique U channel clamping
system for easy fitting.

See glassblocks.co.uk/
single blocks



TURQUOISE FROSTED
190x190x80



ROSE FROSTED
190x190x80



QUADRA BLOCK
190x190x80



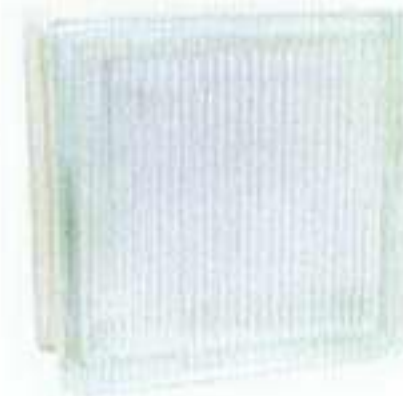
MORSE BLOCK
190x190x80



REEDED
190x190x80



CROSS REEDED
190x190x80 / 190x190x100 /
240x240x80




FINE REEDED
190x190x80



TRANSPARENT ALPHA
190x190x80 / 240x240x80

Porthole blocks can be precast into concrete by special order.

TRANSPARENCY RATING

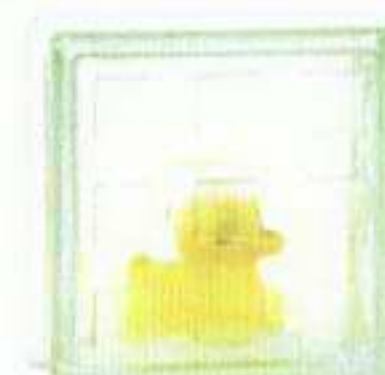
Here is a simple guide to assist in selecting glass blocks when the level of transparency required is an issue. Note : No ducks were harmed during the production of this photography. 



TRANSPARENT



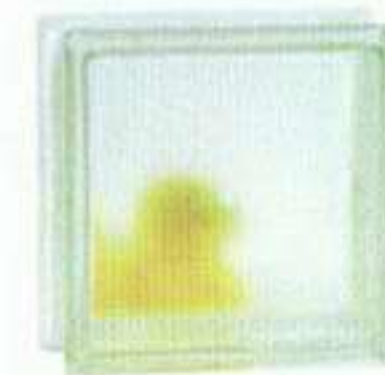
TRANSPARENT ALPHA



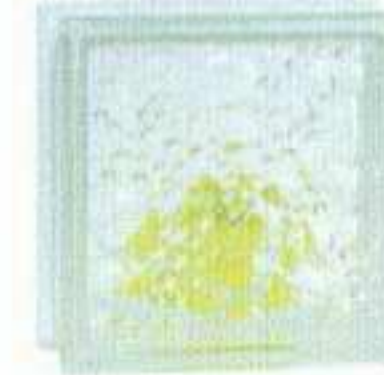
QUADRA BLOCK



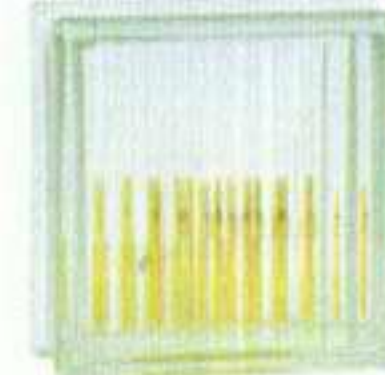
CLEAR FLEMISH



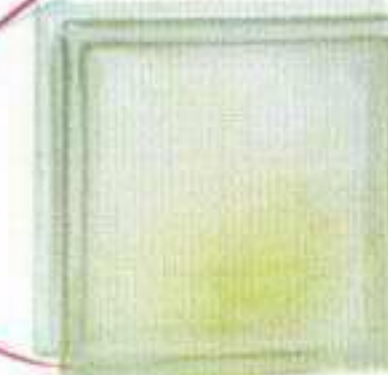
CLEAR FROSTED



CLEAR BUBBLE



REEDED



CLEAR JAVA