



THE  
**LA ROCHERE**

GLASS BLOCK RANGE



## LA ROCHERE GLASS BLOCK RANGE

Shown here is the range of glass blocks produced by La Rochere. Below each image you will find the product name, and the size that the block with the Rods and Mortar method and the perimeter expansion joint is caulked over in a fire retardent silicon, Glass Block Technology can issue. All measurements given in mm.



**CLEAR FLEMISH**  
190x190x80 / 190x190x100  
240x240x80



**BLUE FLEMISH**  
190x190x80



**COBALT BLUE FLEMISH**  
190x190x80



**GREEN FLEMISH**  
190x190x80



**TURQUOISE FLEMISH**  
190x190x80



**ROSE FLEMISH**  
190x190x80



**BRONZE FLEMISH**  
190x190x80



**GREY FLEMISH**  
190x190x80



**CLEAR FROSTED**  
190x190x80 / 240x240x80



**BLUE FROSTED**  
190x190x80



**COBALT BLUE FROSTED**  
190x190x80



**GREEN FROSTED**  
190x190x80



**TURQUOISE FROSTED**  
190x190x80



**ROSE FROSTED**  
190x190x80



**QUADRA BLOCK**  
190x190x80



**MORSE BLOCK**  
190x190x80

s available in. La Rochere clear glass blocks are manufactured with a very clear tint..La Rochere clear glass blocks when installed in accordance Fire Certificate for 60 minute fire integrity and 15 minute thermal isolation on application. (See Fire Blocks section)



**REEDED**  
190x190x80



**CROSS REEDED**  
190x190x80 / 190x190x100  
240x240x80



**FINE REEDED**  
190x190x80



**TRANSPARENT ALPHA**  
190x190x80 / 240x240x80



**TRANSPARENT**  
190x190x80 / 190x190x100  
240x240x80



**CLEAR BUBBLE**  
190x190x80 / 240x240x80



**BRONZE BUBBLE**  
190x190x80



**BLUE BUBBLE**  
190x190x80



**CLEAR JAVA**  
190x190x80



**BLUE JAVA**  
190x190x80



**ROSE JAVA**  
190x190x80



**TURQUOISE JAVA**  
190x190x80



**ROUND  
TRANSPARENT**  
240x80



**ROUND CLEAR  
FLEMISH**  
240x80



**VENTILATION BLOCKS**

190x190x80

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

# 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**  
190x190x80 / 190x190x100  
240x240x80



**TRANSPARENT ALPHA**  
190x190x80 / 240x240x80



**QUADRA BLOCK**  
190x190x80



**CLEAR FLEMISH**  
190x190x80 / 190x190x100  
240x240x80



**CLEAR FROSTED**  
190x190x80 / 240x240x80



**CLEAR BUBBLE**  
190x190x80 / 240x240x80



**REEDED**  
190x190x80



**CROSS REEDED**  
190x190x80 / 190x190x100  
240x240x80



**CLEAR JAVA**  
190x190x80

# SANDBLASTING



Typical example : Turquoise Flemish & Transparent.

All blocks can be sand blasted one side or two.

Sandblasting can also be referred to as shotblasting, satinating or Sahara finish.

Sandblasting is a safer means of satinating Glass Blocks compared with acid etching.

Sandblasted blocks can be treated with a protective coating to offer resistance against smudges and water marks.

### EXAMPLE :

Clear Flemish not sandblasted



Clear Flemish sandblasted one side



# LA ROCHERE BLOCKS

## FIRE RATING

La Rochere clear 190x190x80 glass blocks when installed in accordance with Glass Block Technology's Rods and mortar system achieve certification for 1 hour fire integrity and a 15 minute thermal isolation.

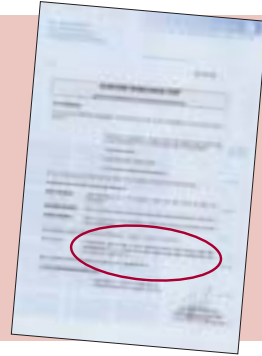
This higher fire rating is achieved due to the purity of La Rochere glass blocks that will only fuse at a higher temperature of around 1550°C.

Fire resistance is concerned with four criteria :

- (a) **Mechanical Resistance - the glass block wall must stay upright without too much damage following testing**
- (b) **Thermal isolation**
- (c) **Imperviousness against blaze**
- (d) **No flammable emission during testing.**

These tests are recorded in 15 minute increments.

La Rochere clear blocks have a minimum 1 hour fire integrity and a minimum 15 minute thermal isolation.



### DEFINITION :

#### FIRE INTEGRITY (G-CATEGORY GLAZING)

The glass block wall must pass Test (a) above.

#### THERMAL ISOLATION (F-CATEGORY GLAZING)

The glass block wall must pass all four of the criteria above.

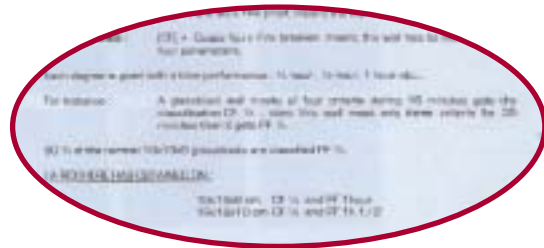
Glass blocks under test conditions



## PERFORMANCE

**Fire Integrity (G-category glazing) : 60 minutes**

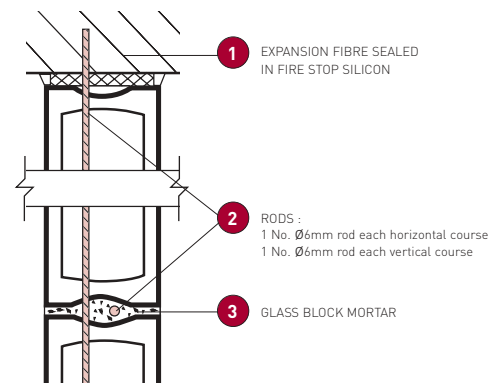
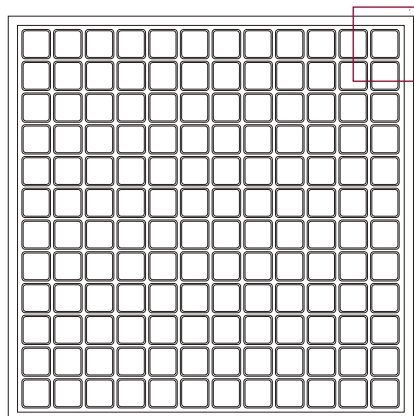
**Thermal Isolation (F-category glazing) : 15 minutes**



### HOW THE PANEL SHOULD BE FITTED

Glass Block Technology rods and mortar fitting instructions are based on how the panel was tested. i.e: a single rod in each direction, perimeter expansion fibre etc...

For fitting instructions, see 'How to Install with Rods and Mortar'. For architectural details and possible connections see data sheets GBT/0001 and GBT/0002 or go to [www.glassblocks.co.uk/datasheets](http://www.glassblocks.co.uk/datasheets)





Nightclub Bar - 190x190x80 Clear Bubble



Shower Screen  
190x190x80 Clear Flemish



190x190x80 Clear Flemish  
Weatherfield General Hospital - Set of Coronation Street (Granada Television)



Apartment Entrances  
190x190x80 Clear Flemish and 190x190x80 Cobalt Blue Flemish

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.