



EKJOT

INTERNATIONAL



**GLASS BLOCK
CATALOGUE**



سفید
19.2x18.8 cm
تنبلی
Bubble



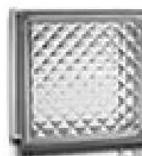
سفید
19.2x18.8 cm
تنبلی
Bubble



سفید
19.2x18.8 cm
گل یخ
Ice Flower



سفید
19.2x18.8 cm
جواهر
Jewel



سفید
19.2x18.8 cm
لایس
Lattice



سفید
19.2x18.8 cm
موازی
Parallel



سفید
19.2x18.8 cm
موج و تنگی
Sea Wave



سفید
19.2x18.8 cm
مذخور
Meteor



سفید
19.2x18.8 cm
موازی نازک
Parallel to Thin



سفید
19.2x18.8 cm
الماس
Diamond



سفید
19.2x18.8 cm
شفاف
Clear



سفید
19.2x18.8 cm
دو ستاره
Double Star



سفید
19.2x18.8 cm
کیریساکیک
Kyosakic



سفید
19.2x18.8 cm
تنبلی
Cloudy



سفید
19.2x18.8 cm
مکعب 90
Oblique 90



سفید
19.2x18.8 cm
تنبلی
Cloudy



سفید
19.2x18.8 cm
تنبلی
Cloudy



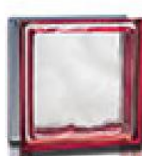
سفید
19.2x18.8 cm
تنبلی
Cloudy



سفید
19.2x18.8 cm
کوبیسم
Cubism



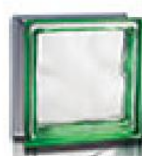
سفید
19.2x18.8 cm
تنبلی
Cloudy



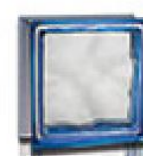
سفید
19.2x18.8 cm
تنبلی
Cloudy



سفید
19.2x18.8 cm
تنبلی
Cloudy



سفید
19.2x18.8 cm
تنبلی
Cloudy



سفید
19.2x18.8 cm
تنبلی
Cloudy



سفید
19.2x18.8 cm
چکش‌زنی برف
Snow Hammered



سفید
19.2x18.8 cm
چکش‌زنی
Hammered



سفید
19.2x18.8 cm
ونیز
Venice



سفید
19.2x18.8 cm
باران
Rain



سفید
19.2x18.8 cm
گیبسون
Gibson



سفید
19.2x18.8 cm
باران
Rain



سفید
19.2x18.8 cm
دو ستاره برف
Double Star Snowy



سفید
19.2x18.8 cm
نیم چکش‌زنی برف
Half Hammered Snow



سفید
19.2x18.8 cm
نیم چکش‌زنی
Half Hammered



سفید
19.2x18.8 cm
نیم موازی
Half Parallel



سفید
19.2x18.8 cm
نیم ونیز
Half Venice



سفید
19.2x18.8 cm
نیم گل
Half Flower



سفید
19.2x18.8 cm
نیم تنبلی
Half Cloudy



سفید
19.2x18.8 cm
نیم تنبلی
Half Bubble



سفید
19.2x18.8 cm
نیم کوبیسم
Half Cubism



Glass Block Spacers

The easiest way to maintain consistent joints during glass block installation is to use Glass Block Spacers. At Quality Glass Block and Window we offer affordable glass block spacers for both residential and commercial glass block projects. With glass block spacers, it is easy to quickly install glass blocks with equal joint thicknesses.



Construction Methods

Glass wall blocks are fixed together to form complete walls by several methods – the most common method is to bed the blocks together in a Portland cement-based mortar with reinforcing steel rods placed within the mortar as recommended by the project architect or block manufacturer. Other methods of construction include several proprietary systems whereby the mortar is replaced by timber or PVC extrusions.





Wall Block

Glass Blocks provide light and serve as a decorative mean in an architectural structure, but hollow glass blocks are non-load bearing unless stated otherwise. Hollow glass wall blocks are manufactured as two separate halves and, whilst the glass is still molten, the two pieces are pressed together till they merge. The resulting glass blocks will have partial vacuum at the hollow center. Due to the hollow center, wall glass blocks do not have the load-bearing capacity of masonry bricks and therefore blocks are utilized in curtain walls. Glass Block walls are constrained based on the framing in which they are set. If a masonry or steel frame exists, the maximum area of the wall can be 144 square feet (13.4 m²), whereas the maximum area without a frame is 100 square feet (9.3 m²).



Skylights and Sidewalk Lights

Glass Blocks used in flooring are normally manufactured as a single solid piece, or as a hollow glass block with thicker side walls comparing to the standard ones. These blocks are normally cast into a reinforced concrete grid work or set into a metal frame, to let multiple units be combined to span over openings in basements and roofs to create skylights. Glass wall blocks should not be used in flooring applications because the way in which they are manufactured does not allow them to support a load.



Glass Block

Glass Block (also known as Glass Brick) is an architectural element made of glass with 8 cm thickness filled with semi-vacuum space. The appearance of glass blocks can vary in color, size, texture and form. Glass Blocks provide visual obscuration while letting the light through. The modern glass block is developed from pre-existing prism lighting principles in the early 1900s which provides natural light to manufacturing plants. Today Glass Blocks are used in walls, skylights, and sidewalk lights.

Glass Block Specifications



High pressure resistance



Isolation
(Acoustic and Thermal)



For interior and exterior
construction designs



Easy cleaning



Cost-effective
(no need to joineries)



Thinner thickness than
traditional walls and with
optimized structural space

KAVEH GLASS INDUSTRIAL GROUP

Appearance

The texture and color of Glass Blocks can vary in order to provide a wide range of transparencies. Patterns are pressed into either the inner void or the outside surface of the glass in cooling process in order to create diverse effects. Glazes or inserts may also be added in order to create a desired private or decorative effect.

