



# KAVEH GLASS INDUSTRY GROUP

## “GLASS BLOCKS”

### Technical Specifications and Physical Features:

- **Pressure Resistance:**

Raw Material with high quality and high accuracy in delimitation and annealing, is guaranteeing high pressure resistance in glass blocks. On average their resistance against pressure is about  $7.5N/mm^2$ .

- **Thermal Resistance:**

Thermal shock is one of the hardest glass block's tests to confirm their resistance and stability which makes the use of this block possible in variable weather outside the building. Heat transfer coefficient is  $2.9 W/m^2$ .

- **Light Transmission:**

By using glass block light transmission and clarity or non-clarity, reaching a useful and beautiful design will be possible.

- **Thermal Insulation:**

The Vacuum space between two glass block walls provides excellent thermal insulation.



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- **Sound Proofing:**

The inner vacuum in glass block causes a proper sound proof thus it's a best material to construct wall in noisy places.

- **Inner Pressure:**

The pressure inside of glass blocks are less than the atmospheric pressure, so while breaking they will fragment towards inside part. This main feature causes less and limited demolition and damages.

**Glass Blocks are available in below sizes:**

	Diameter (mm)	Ordinate (mm)	Length (mm)
A	80	190	190
B	80	90	90



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- A- FULL SQUARE – 19\*19\*8 cm

## 1. Glass Blocks

	Block Name	PCS/CARTON
	Cloudy	6
	Sea Wave	6
	Ice Flower	6
	Parallel	5 & 6
	Parallel 90 Thin	6
	Cubism	6








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	Double Star	6
	Bubble	6
	Rain	6
	Diamond	5
	Lattice	6



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## 2. Printed and Colored Glass Block:

	Block Name	PCS/CAETON	Available Colors
	Cloudy	6	Gray Bronze Blue
	Cloudy Printed	6 (Bulk)	Cream Blue
	Bubble	6	blue
	Cubism	6	Bronze
	Rain	6	Bronze



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- **B- HALF BLOCK – 19\*9\*8 cm**

	Name	PCS/CARTON
	Cubism (Half Block)	10
	Bubble (Half Block)	10
	Ice Flower (Half Block)	10
	Ice Parallel (Half Block)	10
	Cloudy (Half Block)	10



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