SHIVAY

# Breeze Blocks

Breeze blocks combine sculptural character with practical climatic performance. Designed with open geometric apertures, they filter harsh solar glare, reduce direct heat gain, and maintain a constant flow of fresh air. They adapt naturally across varied spaces, from boundary enclosures and terrace balustrades to garden partitions and exterior shading façades.

Originating as a defining feature of mid-century tropical architecture and 1960s coastal homes, breeze blocks were created to bring natural cooling to warm regions before mechanical air conditioning became standard. Their role has expanded significantly over the decades, moving from simple utilitarian masonry into a prominent structural design feature worldwide.

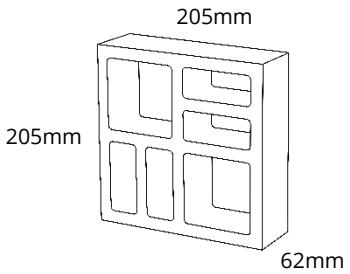
Modern breeze blocks integrate effortlessly into any design language. They cast striking, shifting shadow patterns across expansive surfaces, while their clean edges and natural clay tones suit refined, minimal environments. By balancing reliable privacy with active ventilation, they create cooler, well-lit spaces that remain closely connected to the outdoors.

## SPECIFICATIONS

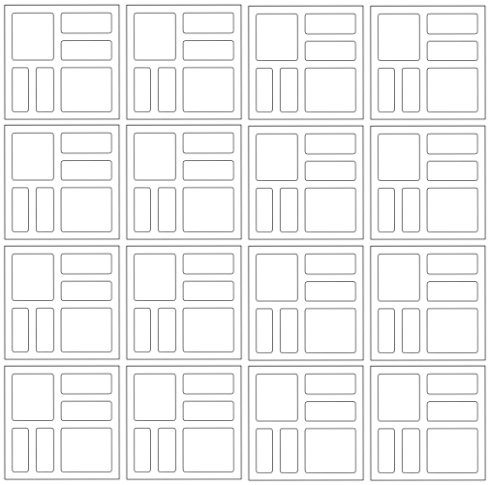
### Square Breeze Block

**Dimension**
Size: 205 x 205 x 62 mm
Weight: 2.40 Kg

**Configuration / Coverage**
Units per sq.m: 23.78
(5mm mortar joint)




Size Variation +- 1% to 1.5%



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# TECHNICAL SPECIFICATIONS

**Material:** Terracotta

| | |
|---|---|
| Water Absorption %<br>UNO EN ISO 10545:3:1997 | 18.47% - 19.31% |
| Linear thermal expansion<br>UNO EN ISO 10545:8:2017 | 2.72 x 10^6 |
| Frost resistance<br>UNO EN ISO 10545:12:1997 | RESISTS |
| Resistance to chemical agents<br>UNO EN ISO 10545:13:2017 | |
| A) Resistance to low Concentration of Acids & Alkalis | |
| i)Hydrochloric Acid Solution 3% v/v | ULA |
| ii)Citric Acid Solution 100gm/L | ULA |
| iii)Potassium Hydroxide Solution 30gm/L | ULA |
| B) Resistance to High Concentration of Acids & Alkalis | |
| i)Hydrochloric Acid Solution 18% v/v | UHA |
| ii)Latic Acid Solution 5% v/v | UHA |
| iii)Potassium Hydroxide Solution 100gm/L | UHA |
| C) Household Chemical Resistance<br>(Ammonium Chloride Solution 100gm/L) | UA |
| D) Swimming pool salt<br>(Sodium Hypochlorite Solution 20gm/L) | UA |
| Breaking Strength in N (Approx.)<br>UNO EN ISO 10545:4:2018<br>Square Breeze block | 1848.37 |

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