

Product Catalog

AAC Blocks — Complete Size & Spec Sheet

Every SSB block meets IS 2185 (Part 3) with tight dimensional tolerances, consistent density and superior insulation. Six standard sizes plus fully customised profiles are available on request.

Size Range

Size (mm)	Density (kg/m³)	Weight/Block	Application
600 × 200 × 75	550–650	≈ 5.0 kg	Partition walls, low-load interior walls
600 × 200 × 100	550–650	≈ 6.6 kg	Interior & exterior non-load walls
600 × 200 × 125	550–650	≈ 8.3 kg	Mid-thickness partition & infill walls
600 × 200 × 150	550–650	≈ 10.0 kg	External walls, boundary walls
600 × 200 × 200	550–650	≈ 13.2 kg	Load-bearing / thick insulated walls
Customized	On request	On request	Bespoke thickness & profiles

Universal Specifications

Property	Value
Compressive Strength	3–5 N/mm²
Thermal Conductivity	0.16 W/mK
Fire Resistance	Up to 4 hours
Sound Insulation	45 dB
Water Absorption	≈ 10%
Dimensional Tolerance	± 1 mm
Composition	60% fly ash + cement + lime + gypsum
Standard	IS 2185 (Part 3)

AAC vs Clay Bricks

Parameter	AAC Blocks	Clay Bricks
Weight	550–650 kg/m³	1800 kg/m³

Parameter	AAC Blocks	Clay Bricks
Construction Speed	3× faster	Standard
Compressive Strength	3–5 N/mm ²	2.5–3.5 N/mm ²
Fire Resistance	Up to 4 hours	≈ 2 hours
Thermal Insulation	0.16 W/mK	0.81 W/mK
Sound Insulation	45 dB	35 dB
Water Absorption	≈ 10%	15–20%
Precision	±1 mm	±5 mm

Applications

Residential Buildings	Apartments	Commercial Complexes
Hospitals	Schools	Warehouses
Industrial Buildings	Villas	Compound Walls

Ordering & Delivery

Standard orders dispatch within 3–7 working days across most of India, depending on volume and location. Every order ships with a full installation and thin-bed jointing manual.

Contact Sales

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