

TECHNICAL DATA SHEET

AUTCLAVED AERATED CONCRETE (AAC) BLOCKS

Product	Autoclaved Aerated Concrete (AAC) Blocks
Brand	WALL FIX
Manufacturer / Marketer	Stockyard Infra Private Limited
Applicable Standard	IS 2185 (Part 3) – Autoclaved Cellular (Aerated) Concrete Blocks

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Product Type	AAC Blocks
Manufacturing Process	Autoclaved Aerated Concrete
Standard	IS 2185 (Part 3)
Nominal Density	550–650 kg/m ³ *
Compressive Strength	≥ 4 N/mm ² *
Thermal Conductivity	Approx. 0.16–0.18 W/m·K*
Drying Shrinkage	As per applicable IS requirements
Fire Resistance	Excellent
Water Absorption	As per applicable IS requirements
Dimensional Tolerance	As per IS 2185 (Part 3)
Surface Finish	Smooth and uniform
Colour	Light Grey

Jointing System	Thin-bed AAC Block Jointing Mortar
Application	Internal & External Wall Construction
Handling	Lightweight and easy to install

AVAILABLE SIZES

LENGTH	HEIGHT	WIDTH
600 mm/625 mm	200 / 240 mm	75 mm
600 mm/625 mm	200 / 240 mm	100 mm
600 mm/625 mm	200 / 240 mm	125 mm
600 mm/625 mm	200 / 240 mm	150 mm
600 mm/625 mm	200 / 240 mm	200 mm
600 mm/625 mm	200 / 240 mm	225 mm/230 mm

KEY PRODUCT ADVANTAGES

✓ Lightweight construction	✓ High strength-to-weight ratio
✓ Excellent thermal insulation	✓ Fire resistant
✓ Faster wall construction	✓ Reduced dead load on structure
✓ Accurate dimensions	✓ Reduced mortar consumption
✓ Smooth surface finish	✓ Environment-friendly construction solution

TECHNICAL NOTE

** The values marked with an asterisk are indicative and should be confirmed against Stockyard's latest product test reports / batch specifications before this document is issued as an official technical approval or project submission.*

Stockyard Infra Private Limited

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