

Autoclaved Aerated Concrete AAC Blocks

Autoclaved aerated concrete (AAC) blocks are lightweight, precast building materials suitable for various construction applications. These cement boards provide excellent insulation, fire resistance, and are easy to install.



ADDITIONAL IMAGES



Product Overview

Sustainable High-Performance Construction

Autoclaved Aerated Concrete (AAC) is a lightweight, multi-cellular construction material designed to replace traditional clay bricks. It offers superior heat insulation, sound resistance, and earthquake resilience while being environmentally friendly by utilizing recycled fly ash. Its high plasticity allows for diverse shapes and sizes, making it a versatile choice for modern green building projects.

Key Features

Performance Benefits

Light Weight, Heat Insulation, Sound Resistance, Earthquake Resistance, Fire Resistant, Easy Processability

Composition

Raw Materials

- Silicon material (Silica sand or recycled Fly ash)
- Calcium material (Lime, Portland cement)
- Foaming additive (Aluminum powder)

Technical Specifications

Model Capacity & Requirements

Model	Capacity (m ³ /year)	Block Size (m ³)	Power (kw)	Workshop Area (m ²)
HIM-AAC-10	100000	4.2x1.2x0.6	800	2500
HIM-AAC-15	150000	4.2x1.5x0.6	900	3000
HIM-AAC-20	200000	4.8x1.2x0.6	1100	4000
HIM-AAC-30	300000	6.0x1.2x0.6	1300	5000
HIM-AAC-45	450000	6.0x1.5x0.6	5400	6000

Manufacturing Process

Production Scale

1500 m³/day

Max Daily Capacity

40000 m²

Max Plant Area

Sustainability

Eco-Friendly Material

Yes