



Build smarter,  
stronger and  
with **trust.**

We are committed to redefining  
the standards of sustainable and  
high-performance construction  
materials.



Tan India Earth Ventures is a forward-thinking building materials company with a focus on delivering premium-quality Autoclaved Aerated Concrete (AAC) blocks.

Our products are engineered to meet the evolving needs of modern-day architects, engineers, contractors, and suppliers.

With a manufacturing process that emphasizes precision, consistency, and eco-consciousness, we bring a value proposition that combines world-class quality with competitive pricing.



## Tan Pro AAC Blocks

Our AAC blocks are manufactured using advanced autoclaving techniques that ensure **superior performance in strength, insulation & durability.**

### Usage of New Age and Eco-Friendly AAC BLOCKS

#### Residential

Houses, Villas, Apartments,  
Gated Communities

#### Industrial

Factories, Godowns

#### Commercial

Offices, Complexes,  
Shopping Malls, Sheds

#### Institutional

Schools, Colleges, Hostels,  
Auditoriums, Sports Complexes

### Major Savings in Project Cost

**25%** reduction in foundation  
and structure load

**10%** reduction on cement  
usage due to lesser joints

Thinner walls with better  
strength and finish

**15%** reduction in reinforcement  
requirement and steel usage

**35%** reduction in cost of plastering due  
to perfect shape and smooth surface

Quicker work completion with  
lesser manpower

### Added Life Style Benefits

Better acoustic insulation  
peaceful and friendlier  
homes & offices

Better resistance to seismic  
variations and earthquake  
vibrations

Better thermal insulation  
reduced energy consumption  
for air conditioning

Resistant to mites and other  
degrading factors avoiding damages  
in the long term



### High Strength-to-Weight Ratio

Ideal for high-rise and load-sensitive structures



### Acoustic Insulation

Excellent soundproofing capabilities



### Eco-Friendly

Manufactured from natural raw materials



### Fire Resistance

Rated up to 4 hours of fire protection



### Pest & Mold Resistant

Inhospitable to termites and fungi



### Cost-Effective

Reduces material wastage, labour, and energy bill



### Superior Finish

Precise dimensions reduce mortar usage & increase masonry speed



### Faster Build Times

Lightweight blocks accelerate construction cycles



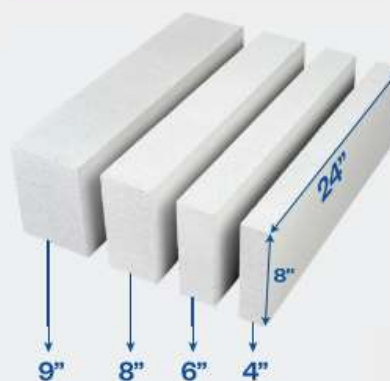
### Thermal Insulation

Minimizes energy consumption and enhances indoor comfort

## Technical Specifications

Dry Density	550 – 650 kg/m <sup>3</sup>
Compressive Strength	>4 N/mm <sup>2</sup>
Thermal Conductivity	0.16 W/m·K
Fire Resistance	Up to 4 hours
Sound Insulation	Up to 42 dB
Water Absorption	<10%
IS Code Compliance	IS 2185 (Part 3): 1984

### Block Sizes



4"	600 X 200 X 100 MM
6"	600 X 200 X 150 MM
8"	600 X 200 X 200 MM
9"	600 X 200 X 225 MM





## Join the **Future of Construction**

Tan Pro AAC blocks are more than just building units—they're the building blocks of future-ready structures.

Trusted by architects, embraced by engineers, and appreciated by builders, our products stand for quality, performance, and reliability.



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