

# AEROBILD AAC BLOCKS

*Faster to Build. Stronger to Last.*



ISI Certified AAC Blocks

Manufactured by an ISO 9001:2015 Certified Company



Lightweight



Cost-Efficient



Sustainable



Reliable



**Opus Industries Pvt. Ltd.**

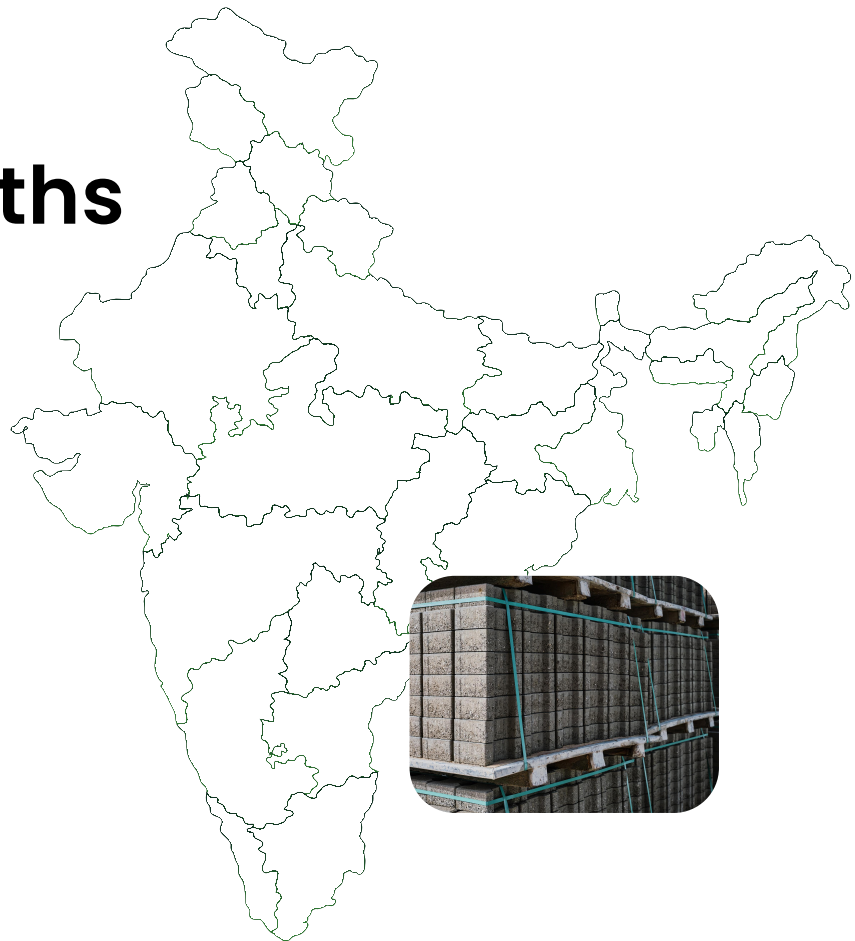
Hyderabad, Telangana

# ABOUT OPUS INDUSTRIES

Opus Industries Pvt. Ltd. is a Hyderabad-based manufacturer of Autoclaved Aerated Concrete (AAC) Blocks, marketed under the brand AEROBILD. The company is led by a team of **experienced industry professionals**, combining global best practices with a strong understanding of the Indian construction market. This approach enables Opus Industries to deliver **consistent quality, reliable supply, and sustainable walling solutions**. With a focus on modern construction needs, Opus Industries supports builders, contractors, architects, and dealers across Telangana and Andhra Pradesh.

## Our Core Strengths

- ✓ Modern AAC block manufacturing facility
- ✓ Certified quality systems & controlled processes
- ✓ Wide product size range
- ✓ On-time dispatch and dependable supply
- ✓ Technical guidance and customer support



# AEROBILD AAC BLOCKS

## (Product Overview)

AEROBILD AAC Blocks are lightweight, precision-engineered building blocks manufactured using fly ash, cement, lime, water, and aluminium powder, cured under high-pressure steam autoclaving.

They provide an ideal balance of strength, speed, and thermal efficiency, making them a superior alternative to conventional red bricks.

### Available Sizes

- **Thickness Options:**
  - 2", 3", 4", 5", 6", 7", 8", 9", 10", 11", 12"
- **Standard Dimensions:**
  - Length: 600 mm
  - Height: 200 mm
  - Thickness: 50 mm – 30

Suitable for internal and external walls in all types of buildings.



# TECHNICAL SPECIFICATIONS & BENEFITS

## Technical Specifications

- ✓ Density:  $600 \pm 50 \text{ kg/m}^3$
- ✓ Compressive Strength:  $\geq 3.0 \text{ MPa}$
- ✓ Fire Resistance: Up to 4 Hours
- ✓ Sound Insulation: Excellent
- ✓ Thermal Insulation: High



## Key Benefits Of AEROBILD AAC Blocks



### Lightweight Construction

Reduces Dead Load On Beams, Columns, And Foundations.



### Faster Construction

Large Block Size And Dimensional Accuracy Allow Up To 30% Faster Wall Construction.



### Lower Plaster & Mortar Consumption

Smooth Surface Finish Reduces Plaster Thickness And Cement Usage.



### Thermal Comfort

Keeps Interiors Cooler In Summer And Warmer In Winter, Reducing Energy Costs.



### Fire & Sound Resistance

Enhances Safety And Comfort In Residential And Commercial Buildings.



### Eco-Friendly

Fly Ash-Based, Sustainable And Environmentally Responsible Product



# COST SAVINGS & COMPARISON

## Cost Savings with AEROBILD AAC Blocks

Using AEROBILD AAC Blocks results in overall project cost savings, not just material savings.

### Major Cost Saving Areas:

- ✓ Faster construction reduces labour and supervision cost
- ✓ Lower dead load optimizes steel and concrete usage
- ✓ Reduced plaster thickness
- ✓ Lower mortar consumption
- ✓ Energy savings due to thermal insulation

*(Overall project cost savings of up to 10–15% compared to conventional red brick construction.)*

## AAC Blocks vs Red Bricks

Parameter	AEROBILD AAC Blocks	AAC Blocks
Weight	Lightweight	Heavy
Construction Speed	Faster	Slower
Structural Load	Low	High
Plaster Requirement	Less	More
Thermal Comfort	Excellent	Poor
Fire Resistanc	Up to 4 Hours	Poor
Overall Cost	Lower	Higher



# CERTIFICATIONS & QUALITY ASSURANCE

Quality is central to every AEROBILD AAC Block.

## Certifications & Quality

- ✓ ISI Certified AAC Blocks
- ✓ ISO 9001:2015 Certified Manufacturing Company
- ✓ In-house quality testing laboratory
- ✓ Batch-wise inspection and process control

## Quality Assurance Description

Each block is tested for dimensional accuracy, density consistency, and compressive strength to ensure dependable on-site performance.



# APPLICATIONS & CLIENTELE

## Applications

AEROBILD AAC Blocks are widely used in:



Residential buildings  
& villas



Apartments & gated  
communities



Commercial  
complexes



Hospitals &  
healthcare facilities



Educational  
institutions



Industrial and  
warehouse structures

## Trusted by Builders & Institutions:

Our products are supplied to a wide range of projects across Telangana and Andhra Pradesh, reflecting strong trust in our **quality, consistency, and service reliability.**



# DEALERSHIP & CONTACT

## Become an AEROBILD Dealer

AAC blocks are rapidly replacing traditional red bricks.

Partner with AEROBILD and grow with a future-ready construction material.

### Dealer Benefits

- ✓ High market demand
- ✓ Competitive margins
- ✓ Reliable supply & dispatch
- ✓ Technical and marketing support
- ✓ Trusted certified brand

### Contact Us

**Opus Industries Pvt. Ltd.**

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