

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.

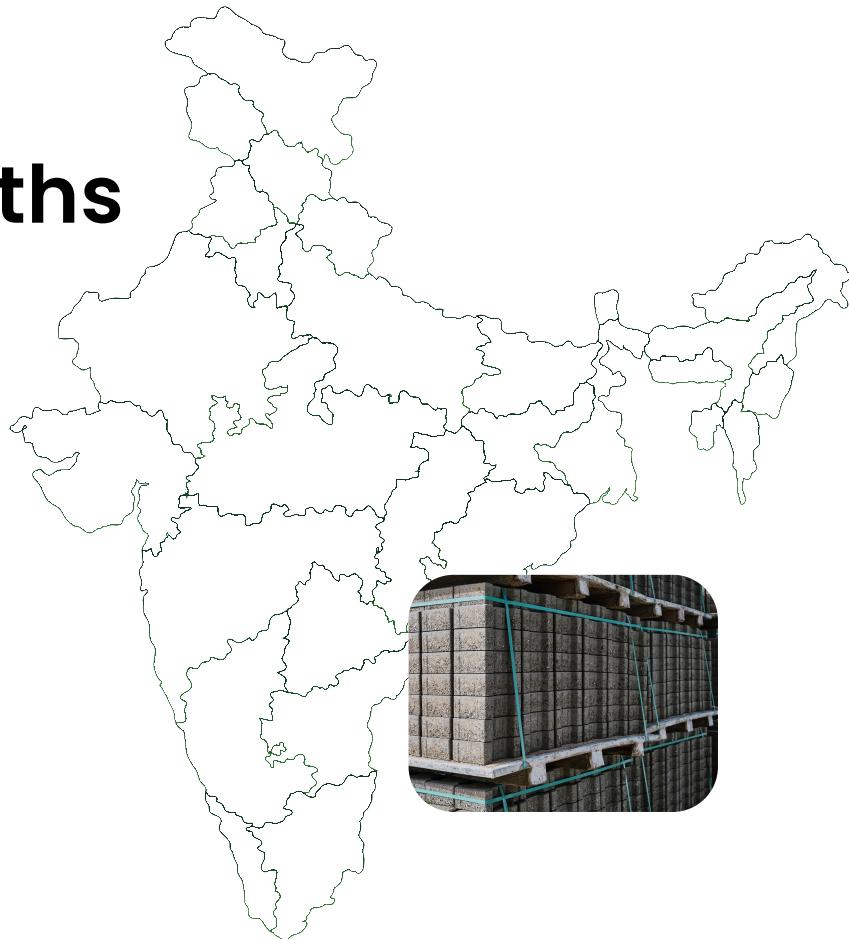
Hyderabad, Telangana

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 Resistance | 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

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