



LAXMI AAC (FLY ASH) BLOCKS Available in size

Size					Volume (Cu.M)	Piece/ (Cu.M)	Face Area
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600	x	200	x	50	0.006	166.67	1.29
600	x	200	x	75	0.009	111.11	1.29
600	x	200	x	100	0.012	83.33	1.29
600	x	200	x	125	0.015	66.67	1.29
600	x	200	x	150	0.018	55.55	1.29
600	x	200	x	200	0.024	41.67	1.29
600	x	200	x	225	0.027	37.04	1.29
625	x	240	x	50	0.0075	133.33	1.61
625	x	240	x	75	0.01125	88.89	1.61
625	x	240	x	100	0.015	66.67	1.61
625	x	240	x	125	0.01875	53.33	1.61
625	x	240	x	150	0.0225	44.44	1.61
625	x	240	x	200	0.03	33.33	1.61
625	x	240	x	225	0.03375	29.63	1.61



SPECIFICATIONS

Parameter	Value
Density (Oven Dry)	550 - 650 kg/m³
Compressive Strength	>4 MPa
Shear Strength	0.6 MPa
Modulus of Elasticity	2040 Mpa
Size Tolerance	+3mm
Water Absorption (at equilibrium)	8%
Thermal Conductivity	0.16 W/m K
Thermal Resistance (R Value)	0.46 m K/W
Drying Shrinkage	0.04%
Fire Shrinkage	4 Hrs (for 200 mm wall)
Sound Reduction	37-45 DB



LAXMI BLOCKS BUILDING PVT. LTD

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COMPANY PROFILE



LAXMI BLOCKS  
Sustainable Solutions for TOMORROW'S World





## Company Profile

Laxmi Group promotes **Laxmi Blocks Building Pvt. Ltd.** to manufacture best quality of AAC (Fly Ash) Blocks. Laxmi Groups manufactured AAC Blocks are used for their own building constructions.

Laxmi Group is part of a diversified conglomerate having business interests in Real Estate, and Construction.

Laxmi Blocks Building Pvt. Ltd is manufacturing with latest innovations under **German Technology** and is certified **ISO 9001:2008 Company**.

AAC Blocks mission is to stay committed to customer satisfaction, understand and cater to client requirements. Work with passion and integrity to deliver world class products and services. To render latest technological products which are eco-friendly and cost-effective to our clients. Owing to our years of experience and expertise, we have been able to render unmatched Construction Services to the clients. The team of our skilled professionals provides the most reliable and accurate services to the customers within the stipulated time frame. We actualize fair trading practices, meticulous manufacturing skills of our employees, customer centric philosophy and family core values to ensure a loyal customer base globally.



## About AAC (Fly Ash) Blocks

AAC (Fly Ash) Blocks are the most cost effective and eco-friendly material substitute of traditional red clay bricks. Due to their dimensional accuracy, high Compressive strength, impeccable finish, durability, robust design and insular excellence and light weight, AAC (Fly Ash) Blocks are highly demanded in the market. We have been able to manage bulk orders within the assured time frame owing to our large production capacity. AAC (Fly Ash) Blocks manufactures best quality AAC (Fly Ash) Blocks from the high-grade materials fly-ash, cement, lime gypsum, surfactants in slurry form mixed in automation batch mixer resulting in AAC slurry, which is poured into mould. Reaction of aluminum with lime & water slurry sires and convert to cake. this risen cake cut precisely, is again steam cured under high. This prepares high strength and light weight AAC (Fly Ash) Blocks.

## Builders Benefits of LAXMI AAC (Fly Ash) Blocks

### Highly Cost Effective

- (1) Transportation cost is less
- (2) Minimal wastage
- (3) less construction material requirement
- (4) Consumes very less water during Construction.

### Smart Sizes & Smart Weight

High strength, availability in various size & shapes, High Strength to Weight Ratio, Can be cut like wood, wonder building material.

### Rapid Construction

The product is ready on the same date to go in to the market, and can rice pace of Development due to light weight and size over the conventional clay bricks.

### Save Materials

Bigger size means less number of joints that require less amount of mortar and by getting light weight not need to heavy steel.

### Comfortable For Working

Laxmi blocks are very convenient for industrial, commercial and residential development. Due to light weight, easy cutting and drilling by better control.

## House-Holder Benefits of LAXMI AAC (Fly Ash) Blocks

### Eco -Friendly & Non-Toxic

Due to its resource efficiency and material envelope, product does not pollute the air, land or water. Insulating green building product

### Excellent Thermal Insulation Properties

Strong thermal insulation (save up to 20% energy). keeps building cool in summer and warm in winter.

### Excellent Work Ability

AAC has very excellent work ability. Only few tools and implements are necessary.

### Good for All Seismic Zones

Being lightweight reduces the impact of earthquake forces on fixed structure, Earthquake resistant

### Fire, Termite & Moisture Resistant

Termites and other pests do not eat it. Millions of tiny cells in Laxmi Blocks them moisture resistant and has high shelf life

### Good Sound Absorption-effective Sound Barrier

AAC has excellent acoustic performance and used as effective sound barrier.

### Ensures High Standard Of Well Being

The first advantage of AAC is designed for consumers who are environmentally conscious.

### Easy Transportation

It is easy to transport aac blocks as it does not suffer from high transit breakage usually associated with clay bricks.

### Save Fertile land

Laxmi blocks are made from fly-ash. Fly-ash is waste of coal based thermal power plant. Even government policy encourages fly-ash blocks. Some state government made it mandatory to use fly-ash instead of clay bricks, to save fertile land.

### Healthy Environment

Developing of any building by the laxmi blocks make negligible wastage that will never effect to the environment.

## Social Benefits of LAXMI AAC (Fly Ash) Blocks