

## POWER BRICKS CORPORATION

*Eco-Friendly Masonry Solutions Since 2004*

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### About Us

- Founded in 2004 MSME Registered
- Based in Chhapraula, Gautam Budh Nagar
- Specializing in Fly Ash Bricks & Paver Tiles
- Serving top-tier construction clients across NCR & North India

### Manufacturing Capacity

- Fly Ash Bricks: Up to 80,000/day
- Paver Tiles: 2,000/day
- Inventory: 3–4 million bricks
- Flexible 2–3 shift operations



### Fly Ash Bricks

- Sizes:
  - 230×110×70 mm,
  - 190×90×90 mm,
  - 200×100×100 mm
- Strength: 75–150 Kg/cm<sup>2</sup>
- Fire Resistance: Up to 1520°C
- Water Absorption: ≤ 20%
- Lightweight, Uniform, Eco-Friendly



### Why Choose Us

- Economical & Sustainable
- High Strength & Consistency
- Scalable Production
- Attention to details
- First to start scalable production

### Private Sector Clients

L&T, ATS, Mahagun, Wave Group, Ahluwalia Contracts, B.L. Kashyap, JD Builders, Exotica Housing

### Government Projects

CPWD, PWD, DDA, DRDO, MCD  
*Successfully delivered across Delhi, NOIDA, Ghaziabad, Meerut, Bareilly, Dehradun*

### Fly Ash vs. Clay Bricks

**💰 Save up to 30% on construction costs!**

Features	PBC Brick	Clay Red Bricks
Strength (Kg/cm <sup>2</sup> )	75–150	50-70
Breakage (%)	0	10
Mortar Thickness	6 MM	10 MM
Plaster Thickness	10 MM	20 Mm
Water Absorption	≤ 20%	> 20%
Effloresce	Nil	Common

### Estimated Cost of Construction Fly ash vs. Clay Bricks

DETAILS	PBC Fly Ash Bricks	Red/Clay Bricks
Actual Size (MM)	230x110x75	220x106x63
Volume/1000 (M <sup>3</sup> )	1.90	1.47
Dry Weight (Kg)	2.4	2.8
Density (Kg/M <sup>3</sup> )	1,300	1,800
Nos /M <sup>3</sup> (Nos)	527	680