

## About Us

Jindal Mechno Bricks (JmB) Pvt Ltd.  
(ISO 9001:2008 certified company)

is a leading manufacturer of machine made Face Bricks, unglazed ceramic Cladding Tiles, Brick Pavers, Perforated Roof Tiles, Hollow Blocks and Fly Ash Cement products in India.



Deliver the  
**highest quality**  
& safety standards  
across the **life cycle**  
of the products

### Contact Us

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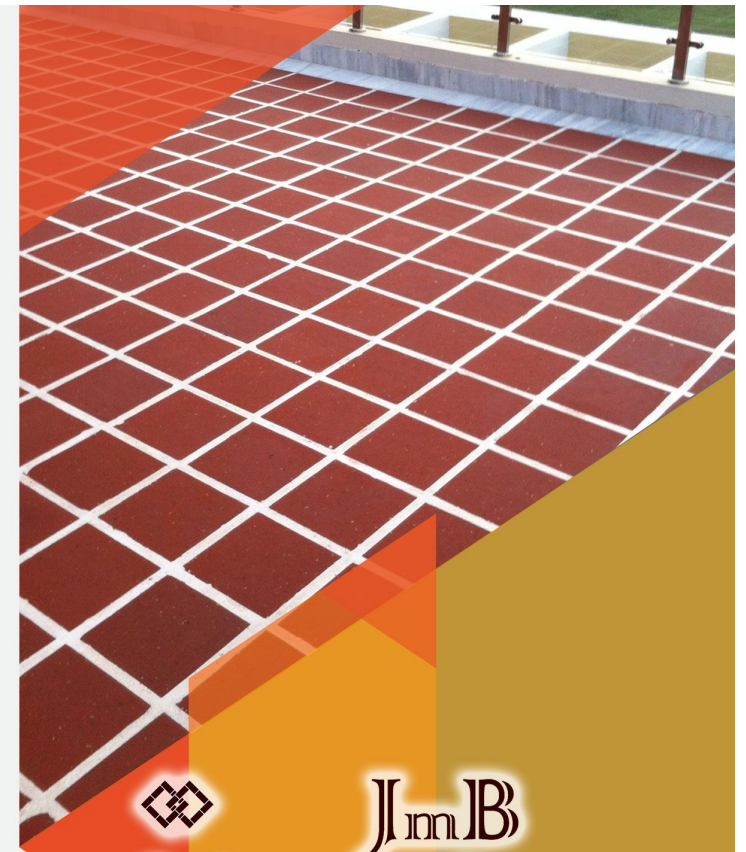
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JmB

Jindal mechno Bricks Pvt. Ltd.

**Innovation**  
Our Core  
**Strategy**

Using latest international technologies, JmB delivers the best in masonry products. With persistent focus on R&D, the company believes in using sustainable means to deliver the highest quality and safety standards across the life cycle of the products. The company uses natural raw materials which are systematically processed and tested according to the best standards in the industry.

JmB traces its origin to 1973 when its founder, Late Shri Hans Raj Jindal, set up a brick producing unit in Burari, Delhi. Jindal Mechno Bricks Pvt Ltd was established in 1997 for mechanized brick manufacturing. Today, JmB plant which spreads across 20 acres in District Jhajjar, Haryana, is a specialized semi-automated unit with a total production capacity of more than 350 tons per day.

Innovation has always been company's core 'mantra'. In its bid to move towards 'Green' products, JmB has invested heavily into the manufacturing of Perforated Roof tiles.

## Roof Tiles

Size: 9" x 9" x 2" (230x230x55mm). Production capacity of 150 ton per day.



ROOF TILE (with holes) is used for terraces. Holes in the roof tiles create air pockets that trap air and provide thermal insulation for the lower floor.

The perforated roof tiles are made by a process known as 'Extrusion'. For the process of extrusion, a dough of moist clay is made, which is then extruded through a mould to create a long slab of a desired size. These slabs are then cut by using wires to create the product. Extruded products have round edges and softer finish, reflecting its manufacturing process.



Through special composition of clay, the colour of the product is obtained after firing. No artificial pigments are used. Therefore, the colour of roof tile never fades away.



The introduction of perforations reduces the volume of clay used and hence reduces the weight, making the product lighter and easier to handle.



The perforations also help in enhancing the thermal insulation, thereby helping in keeping your AC bills low in summers.

## Technical Specifications:

- ✓ Compressive strength (1): 32.54 N/mm<sup>2</sup>
- ✓ Water absorption (2): 6.82%
- ✓ Efflorescence (3): Nil
- ✓ U-value (4): 0.4474 W/m.K
- ✓ Perforation: 34.9%
- ✓ Density: 1500 kg/cubic meter

Please Note:

1, 2, 3 Testing done by SIGMA Test & Research Centre, Delhi  
4 Testing done by Institute of Technology, Nirma University, Ahmedabad"