



9001 : 2015  
Certified Company

**JASH**  
clay products

Manufacturer Of All Types of Acid Proof Bricks,  
Tiles and Joint Mortar etc.

**Factory Add. :** Old Ghuntu Road, Near Volvo  
Refractories, Opp. Sona Ceramics, Morbi-363642  
**Contact No.:** +91 99787 20719, +91 90990 20719  
**Email Id :** sales@jashclay.com

## DESCRIPTION

Jash Clay Products is manufacturing acid resistant bricks & tiles in different thicknesses as per ASTM C279, IS 4860, IS 4457 & DIN Standard with the help of Dry Process and are used as per the requirement. Our Bricks and tiles can resist highly concentrated acid, low water absorption, highly mechanical Strength, etc. Jash Clay Products backed by more than 15 years of Acid resistance bricks and tiles making experience. These are fine-ground and specifically formulated for density and strength and fired at over 1200°C. This process results in bricks that resist virtually all corrosive liquids and gasses, except for acid fluorides and strong hot caustics.

## ACID-RESISTANT BRICKS AND TILES ARE NOWADAYS USED IN THE FOLLOWING FIELDS

- **Industrial fields with chemical attack on buildings**  
Lining of floors, trenches, pits and wall areas
- **Pickling Plants**  
Lining of pickling tanks for metals, floors, trenches and pits
- **Chemical industry, iron and steel industry, metal industry**  
Lining of vessels, reaction vessels, scrubbing towers, neutralization facilities, basins, breakdown vessels, acid storage tanks, etc.
- **Pulp and paper industry**  
Lining of bleaching towers, digesters, floors, trenches, etc.
- **Sulfuric acid plants**  
Lining of absorption towers, washer, floors, trenches and pits
- **Phosphoric acid plants**  
Lining of reactors, thickeners, storage tanks floors, trenches and pits
- **Food industry**  
Lining of floors, trenches, pits and wall areas
- **Battery factories**  
Lining of assembly and loading rooms, acid mixing plants, neutralization pits, drying rooms
- **Power Stations**  
Lining of flue gas cleaning plants, DeNOx plants, trenches, channels, water treatment plants



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### **PROPERTIES:-**

**Standard Specification for Acid resistance bricks and tiles As per  
IS 4860:1968**

Designation	Water Absorption (%) Max.	Flexural Strength (Kg/Cm <sup>2</sup> ) Min.	Compressive Strength (Kg/Cm <sup>2</sup> ) Min.	Resistance To Acid (%) Max.
Class-I	2	100	700	1.5
Class-II	4	70	500	4.0

### **SPECIFICATIONS:-**

SR NO.	PROPERTY	UNIT	OUR TYPICAL VALUE
1	Density	Gm/cc	2.3 (Min.)
2	Water Absorption	%	<2
3	Compressive Strength	Kg/Cm <sup>2</sup>	>800
4	Flexural Strength	Kg/Cm <sup>2</sup>	>110
5	Resistance To Acid	%	<1.5
6	Warp and Tolerance	MM	± 2



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### **Our Standard Size for Acid Resistance Bricks:-**

<b>SR NO.</b>	<b>SIZE IN (MM) (Length x Width)</b>	<b>THICKNESS (MM)</b>
1	230x115	25
2	230x115	38 OR 40
3	230x115	50
4	230x115	65
5	230x115	75 & ABOVE

### **Note :**

We are manufacturing all type of shape brick like Side Arch, End Arch, Side Tapper, End Tapper, Key Brick, Wedge Brick, Redial Brick & all other shape brick as per client requirement.

Jash Clay Products has the facility to carry out the tests required as per ASTM C279, IS 4860, IS 4457 & DIN Standard. Every consignor of bricks supplied by us is tested thereby ensuring and controlling the quality of bricks.

### **STORAGE & SHELF LIFE**

Bricks are to be stored away from water / rain water since dampness on the bricks affects the bonding of the acid proof cements.

### **HEALTH & SAFETY**

While lifting and carrying the bricks, care should be taken that the corners / edges do not cut / damage hands. Normal (wear hand gloves, tight fitting safety goggles and industrial shoes during manual handling)

### **WARRANTY**

Jash Clay Products strives to ensure that any advice, information or recommendation given are appropriate and correct, it cannot accept any liability directly or indirectly arising out of the products, since the method and place of application of the products are beyond its control. Its guarantee is therefore limited to the quality of materials delivered.