



ACID RESISTANT BRICKS  
ALKALI RESISTANT BRICKS  
ACID RESISTANT CORNER TILES  
ACID PROOF BRICKS

ACID RESISTANT TILES  
ALKALI RESISTANT TILES

ANTI ACID BRICKS  
ANTI ABRASION BRICKS

### About Us:

Since its founding in 2003, Dynamic Exim Corporation Has become a premier exporter, and supplier of Acid Resistant Bricks, Acid Resistant Tiles, Alkali Resistant Bricks, Alkali Resistant Tiles, Acid Resistant Corner Tiles, Anti Acid Bricks, Acid Proof Bricks, Anti Abrasion Bricks, reaching far beyond its original local market.

Our unique combination of superior materials sourcing from advanced technology manufacturing unit and dedicated bricks and tiles manufacturer craftsmen assure every customer the utmost in quality, selection, and reliability.

Our acid resistant bricks and tiles conform to IS/ASTM/B.I.S. We can also accommodate your special requirements. We stand by the high quality, strength, durability, acid resistance and various other parameters of our products.



## DYNAMIC EXIM CORPORATION

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## ACID RESISTANT BRICKS / ACID RESISTANT TILES

We offer Finest Quality Acid Proof Tiles/Bricks and Corrosion Resistant Bricks/Tiles with standard Water Absorption Rate, Breaking Strength, Abrasion Resistance, Flexural Strength, and Compression Strength.

A one stop platform for all types of acid resistant bricks and acid resistant tiles offered at competitive prices.

### OUR PRODUCTS:

- Acid Resistant Bricks
- Acid Resistant Tiles
- Alkali Resistant Bricks
- Alkali Resistant Tiles
- Acid Resistant Corner Tiles
- Anti Acid Bricks
- Acid Proof Bricks
- Anti Abrasion Bricks



### PRODUCT STANDARD:

IS / ASTM / BIS

### PRODUCT APPLICATION:

- Acid/alkali proof storage tanks
- Effluent treatment plants
- Pickling plants
- Chemical plants
- Vessels/reactors
- Electroplating plants
- Laboratory & heavy duty floors
- Fertilizer plants
- Cement plants
- Thermal power plants

### COMMON DIMENSION OF A. R. BRICKS AND TILES ARE:

230 x 115 x 75 mm • 230 x 115 x 65 mm • 230 x 115 x 50 mm • 230 x 115 x 38 mm  
 230 x 115 x 30 mm • 230 x 115 x 25 mm • 230 x 115 x 20 mm • 230 x 115 x 15 mm  
 200 x 100 x 20 mm • 200 x 100 x 12 mm • 300 x 150 x 25 mm • 300 x 150 x 20 mm

## SPECIFICATION OF ACID RESISTANCE BRICKS / TILES:

Physical Properties	Results	Chemical Composition	
Cold Crushing Strength	> 700 Kg/cm <sup>2</sup>	Al <sub>2</sub> O <sub>3</sub>	22-24 %
Flexural Strength	> 100 Kg/cm <sup>2</sup>	SiO <sub>2</sub>	60-65
Water Absorption	< 2 %	Fe <sub>2</sub> O <sub>3</sub>	1.0 - 2.0 %
Bulk Density	2.250 Kg/cm <sup>3</sup>	Alkalies	10-12 %
Sizes	As per standard sizes, thickness 10mm to 100mm		
Properties as per IS 4860 (Class-I) and ASTM C- 279			

### MORTAR FOR A. R. BRICKS:

Application of Impervious mastic memberance as a Primer; to be apply between the surface & brick Lining. Potassium Silicate Base Cement which resists against wide variety of acids & entire range of temperature upto 8000C.

Sodium Silicate Base Cement which resists temperature upto 6500C can be use as bedding materials of A.R. Brick Lining.

Joining will be done with Silicate – Furan Base Cement; from the Top.

### SPECIFICATION OF SILICATE TYPE MORTAR:

Sr. No.	Specifications	Potassium Silicate Type	Sodium Silicate Type
01	Working Time at 270C (Mins.)	20-25	15-20
02	Compressive Strength Minimum Kg/Cm <sup>2</sup> ( After 7 days )	450	350
03	Flexural Strength Minimum Kg/CM <sup>2</sup> (After 7 days )	150-200	100-150
04	Bond strength minimum Kg/cm <sup>2</sup>	6-7	5-6
05	Absorption max % by weight	15%	18%

