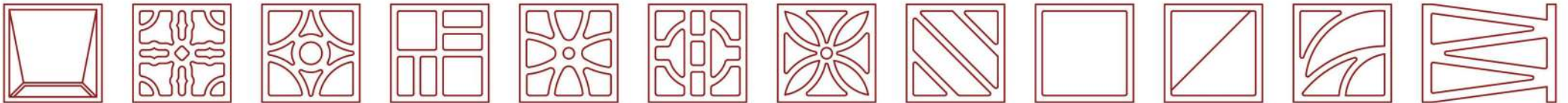


**PR**E**FABB.IN**

PRECAST GFRC & TERRACOTTA PRODUCTS

TERRACOTA BREEZE BLOCK CATALOGUE | **NOVEMBER 2022**

*Premium Terracotta  
products under one roof!*



# Advantages Of Jaalis...

## ABOUT US

Prefabb a sister concern of "Encoar studio LLP" based in Gujarat, India. We are manufacturers of high quality GFRC & concrete products. Our manufacturing facility produces precast facades, outdoor furniture, decorative walls etc. We are delebrately working to make innovative and environmental stable products. Since 2017 we have been serving our clients based in india as well as internationally with highest standards of quality products and services.

We also serve with a range of teracotta breeze block jaalis, an extensive range of designs that are versatile when used with an artistic mind.

Prefabb is influenced with an idea of Natural RAW Finished Products out of Concrete & Teracotta with the Conventional Architecture & Interior Designing Needs, which are Made in India & Made for India. With an initiative which contribute with carbon neutrality by maximum possible way and this dedication towards encourage using domestic products.

### Jaalis Cut Down Heat...

There is no denying that summer is unpleasant in most parts of India. Many of us rely on air conditioners to maintain a cooler indoor temperature. Jaalis are a green tool can help you reduce the energy load of cooling and the costs associated with it. The apertures in the jaali efficiently lessen the ingress of heat in the daytime. They also block the entry of direct sunlight, making for pleasant interiors. This feature is a boon for homes in hot-dry and hot-humid climatic regions.

### ...and Control Light

Jaalis are a great replacement or accompaniment for windows as they block off the glare but welcome the much needed filtered daylight without fully obstructing the view outside.

### They Stimulate Air Movement

Here's something about the relation of jaalis with breezes. Due to the general physical behavior of fluids, the air flowing inside through small apertures compresses and gains increased velocity, even if the breeze is mild outside. As it emerges from the apertures, it expands and cool. This incoming air can also be controlled by carefully positioning and sizing openings on the jali panel. The natural phenomenon of compressing and releasing the cooled air inside is similar to that of a mechanical air-conditioning compressor. Literally cool, isn't it?

### Jaalis Aid Seclusion

Jaalis let us see out but not be seen - though this largely depends on the size of the slits (apertures) and how much light they let through such perforated screens are often also used in the exteriors of homes, as skylights, windows, Partition walls, railings, door panels and more. They are also great for hiding bathroom vents and piping systems. A jaali works wonderfully as a divider or partition within the interiors of a home

### They Are Super Picturesque

Jaalis can be very pretty additions to your home. I think they introduce a sense of ornamentation and elegance. Lattice patterns abound and can complement both traditional and contemporary decor.

Our teracotta breeze blocks are made with local & natural clay from Gujarat.

Breeze block jaalis are found to be perfect in teracotta material because of it's life, 'not so omplicated material' and it highlights the rawness of the product.

Teracotta breeze block as a material or the way it is made, is an honest approach to the architectural world. These jaalis can strongly serve as screens for privacy, to balance the impact of sunlight and provide ventilation. They can be employed as facade wall for aesthetics, partition space in interiors, to define a space, boundry or parapet wall, or even as a roof!

## PRODUCT SPECIFICATION

Material		Clay/ Teracotta
Finish		Natural clay, light color.
Density	kg/m <sup>3</sup>	1200-1300
Compressive strength	N/mm <sup>2</sup> or MPa	12-15
Size variation	mm	+/-2
Color variation		N.a.
Water absorption	+ (Max)	12-15%

## FEATURES



Natural Sunlight



Natural Ventilation



Easy Installation



Low Maintenance



All Weather Resistance



Fungus Free



PAINTABLE



Design Flexibility



100% Asbestos Free



Termite Free



Fire Resistance



Cost & Time Saving



20 Year Durability

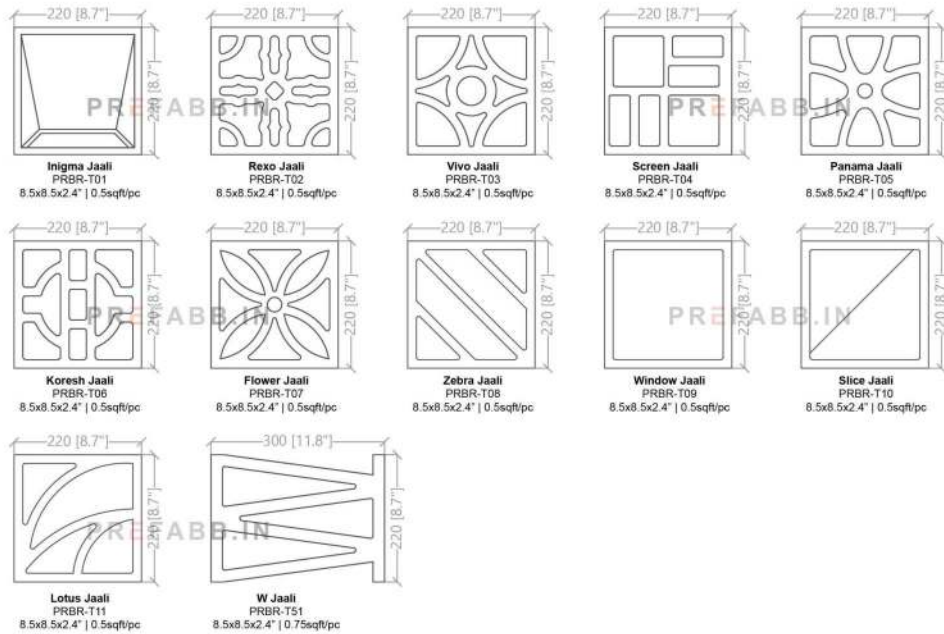


ECO FRIENDLY





## BREEZE BLOCK JAALIS



4 PICS. CONCEPT VIEW

**KORESH JAALI**  
Size: 220 x 220 x 63 mm  
8.5 x 8.5 x 2.5 inch  
Weight : 2.6 kg  
Requirement per sq feet : 2 pcs  
Weight per box : 10.5 kg  
No.of jaali per box : 4 pcs  
Coverage sq feet per box : 2 sq feet  
Available color : Natural Terra Cotta



KORESH jaali's design is aesthetic design. It resembles the natural design and gives a simple look to your project. Koresh design is preferred for more sunlight and airflow.





4 PICS. CONCEPT VIEW

**FLOWER JAALI**

Size : 220 x 220 x 63 MM

8.5 x 8.5 x 2.5 inch

Weight : 2.6 kg

Requirement per sq feet : 2 Pcs.

Weight per box : 10.5 kg

No. of Jaali per box : 4 Pcs.

Coverage sq feet per box : 2 sq feet

Color : Natural Terra Cotta



4 PICS. CONCEPT VIEW

**TV JAALI**

Size: 220 x 220 x 63 mm

8.5 x 8.5 x 2.5 inch

Weight : 2.6 kg

Requirement per sq feet : 2 pcs

Weight per box : 10.5 kg

No. of jaali per box : 4 pcs

Coverage sq feet per box : 2 sq feet

Available color : Natural Terra Cotta

Flower jaali's design is closer to nature. It resemble the flower and give fresh look to your project. Iliy jaali can mix and match with all the design.

Tv jaali's design is closer to nature. It resemble the flora and give fresh look to your project. Tv jaali can mix and match with all the design





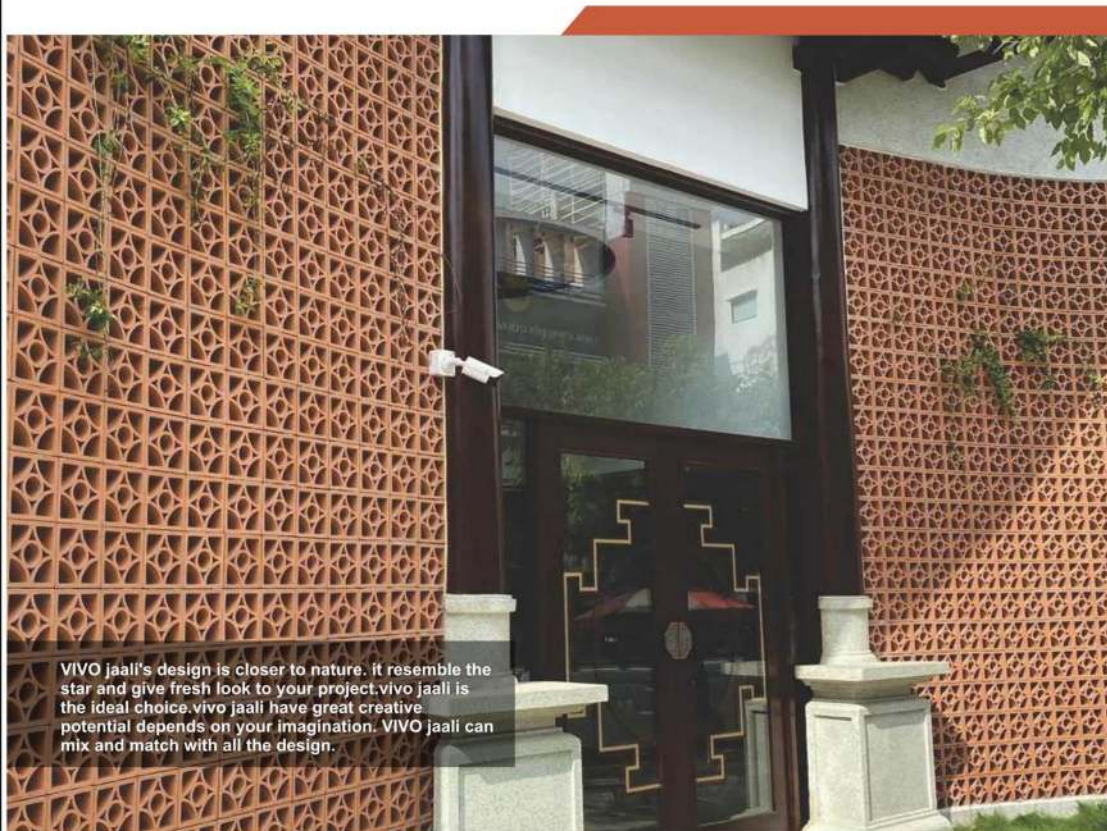
4 PICS. CONCEPT VIEW

**VIVO JAALI**  
 Size: 220 X 220 X 63 Mm  
 8.5 X 8.5 X 2.5 Inch  
 Weight : 2.6 Kg  
 Requirement Per Sq Feet : 2 Pcs  
 Weight Per Box : 10.5 kg  
 No.of Jaali Per Box : 4 Pcs  
 Coverage Sq Feet Per Box : 2 Sq Feet  
 Available Color : Natural Terra Cotta

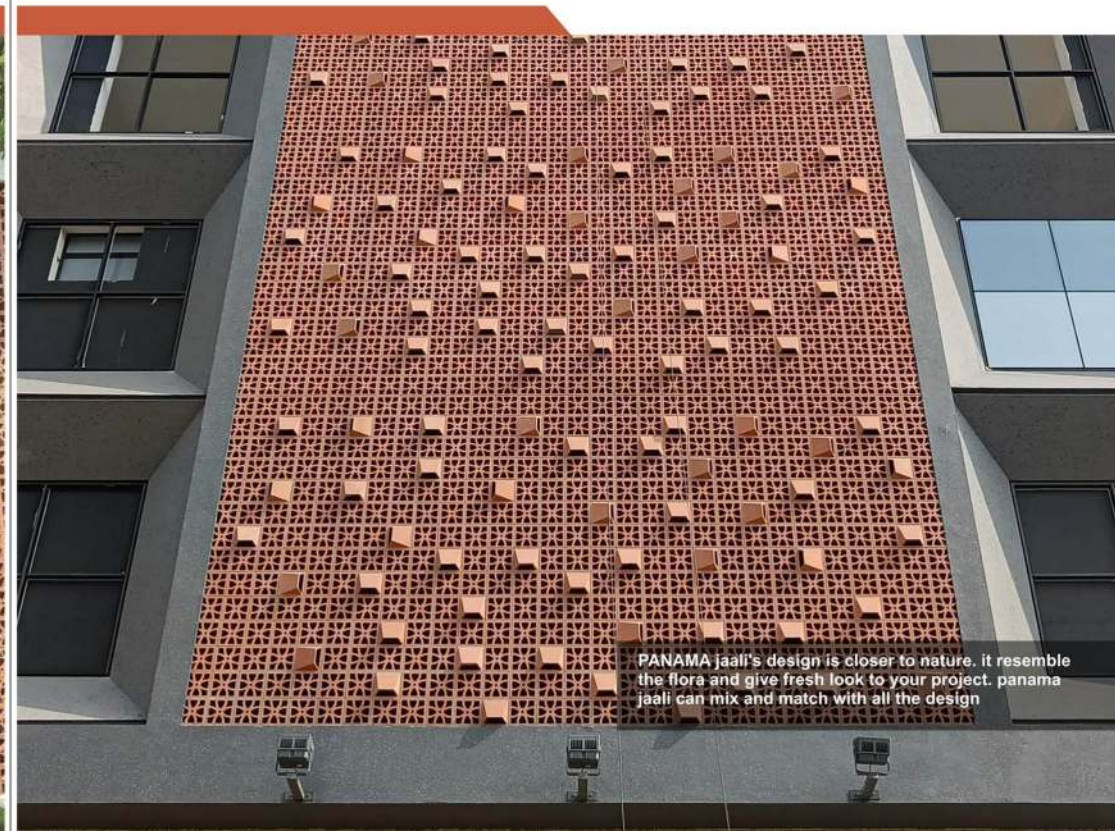


4 PICS. CONCEPT VIEW

**PANAMA JAALI**  
 Size: 220 x 220 x 63 mm  
 8.5 x 8.5 x 2.5 inch  
 Weight : 2.6 kg  
 Requirement per sq feet : 2 pcs  
 Weight per box : 10.5 kg  
 No.of jaali per box : 4 pcs  
 Coverage sq feet per box : 2 sq feet  
 Available color : Natural Terra Cotta



VIVO jaali's design is closer to nature. it resemble the star and give fresh look to your project.vivo jaali is the ideal choice.vivo jaali have great creative potential depends on your imagination. VIVO jaali can mix and match with all the design.



PANAMA jaali's design is closer to nature. it resemble the flora and give fresh look to your project. panama jaali can mix and match with all the design





4 PICS. CONCEPT VIEW

**REXO JAALI**  
 Size: 220 x 220 x 63 mm  
 8.5 x 8.5 x 2.5 inch  
 Weight : 2.6 kg  
 Requirement per sq feet : 2 pcs  
 Weight per box : 10.5 kg  
 No.of jaali per box : 4 pcs  
 Coverage sq feet per box : 2 sq feet  
 Available color : Natural Terra Cotta



**INIGMA JAALI**  
 Size: 220 x 220 x 63 mm  
 8.5 x 8.5 x 2.5 inch  
 Weight : 2.6 kg  
 Requirement per sq feet : 2 pcs  
 Weight per box : 10.5 kg  
 No.of jaali per box : 4 pcs  
 Coverage sq feet per box : 2 sq feet  
 Available color : Natural Terra Cotta



Rexo jaali's design is closer to mughal architecture jaali design. it resemble the rangoli and give royal look to your project. rexo jaali have great creative potential depends on your imagination.

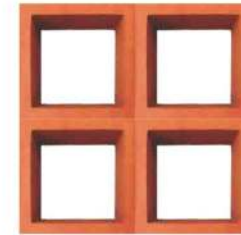


INIGMA jaali's design is closer to ANJWASIYU . it resemble the 3D LOOK and give fresh look to your project. INIGMA jaali is the ideal choice. VIVO jaali can mix and match with all the design.



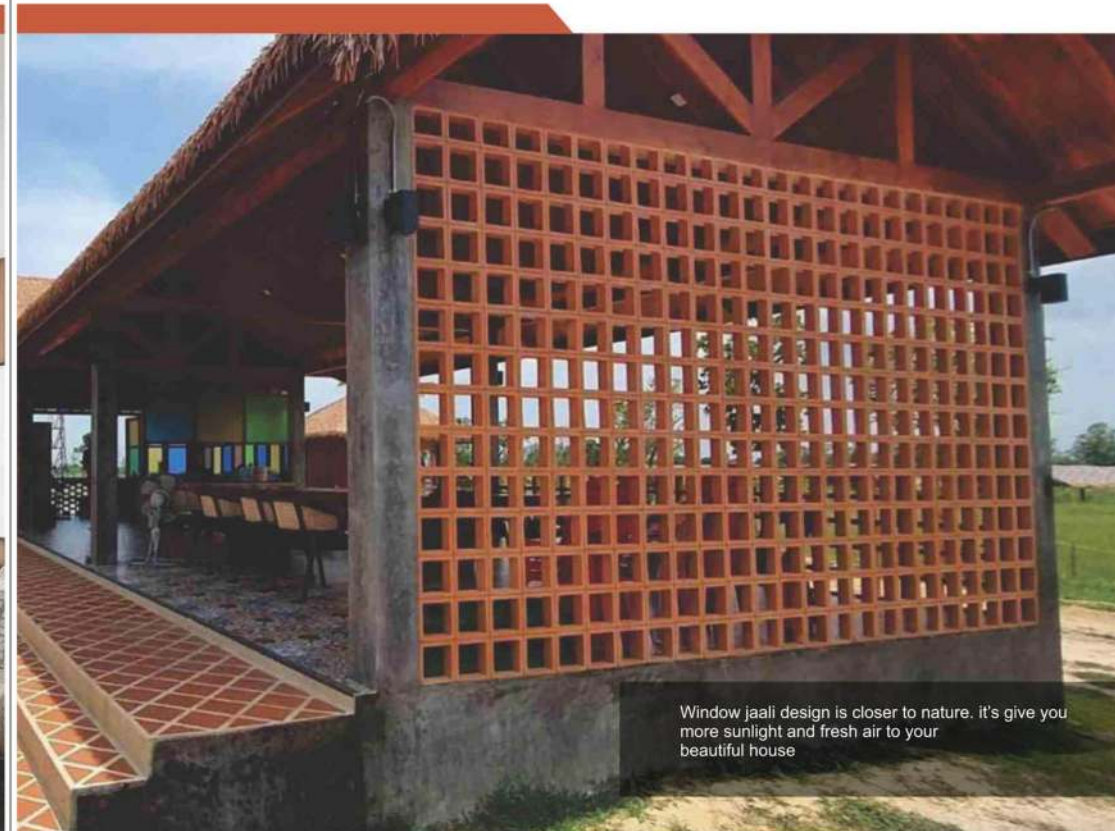
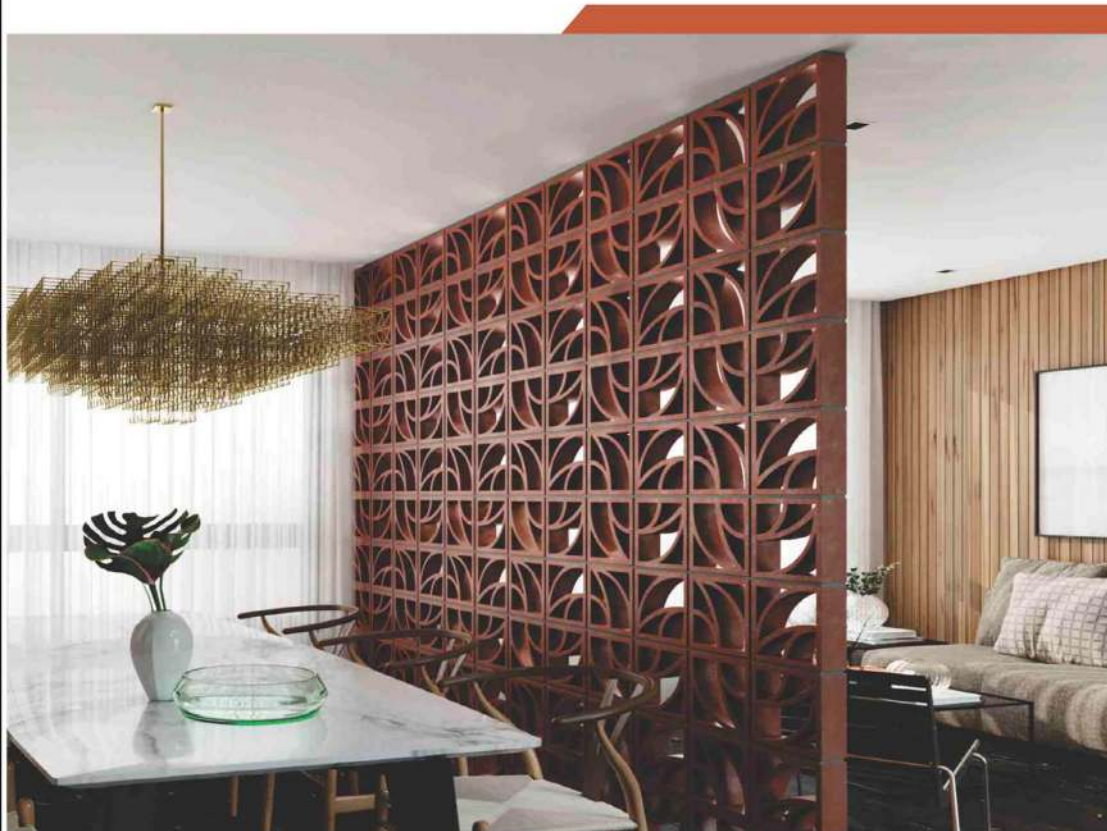


**LOTUS JAALI**  
 Size : 220 x 220 x 63 MM  
 8.5 x 8.5 x 2.5 inch  
 Weight : 2 kg  
 Requirement per sq feet : 2 Pcs.  
 Weight per box : 8 kg  
 No. of Jaali per box : 4 Pcs.  
 Coverage sq feet per box : 2 sq feet  
 Color : Natural Terra Cotta



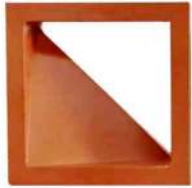
4 PICS. CONCEPT VIEW

**WIDOW JAALI**  
 Size : 220 x 220 x 63 MM  
 8.5 x 8.5 x 2.5 inch  
 Weight : 2 kg  
 Requirement per sq feet : 2 Pcs.  
 Weight per box : 8 kg  
 No. of Jaali per box : 4 Pcs.  
 Coverage sq feet per box : 2 sq feet  
 Color : Natural Terra Cotta



Window jaali design is closer to nature. It's give you more sunlight and fresh air to your beautiful house





4 PICS. CONCEPT VIEW

#### SLICE JAALI

Size: 220 x 220 x 63 mm

8.5 x 8.5 x 2.5 inch

Weight : 2.25 kg

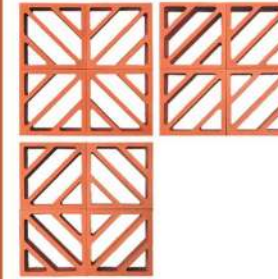
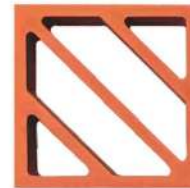
Requirement per sq feet : 2 pcs

Weight per box : 9 kg

No.of jaali per box : 4 pcs

Coverage sq feet per box : 2 sq feet

Avilable color : Natural Terra Cotta



#### ZEBRA JAALI

Size: 220 x 220 x 63 mm

8.5 x 8.5 x 2.5 inch

Weight : 2.6 kg

Requirement per sq feet : 2 pcs

Weight per box : 10.5 kg

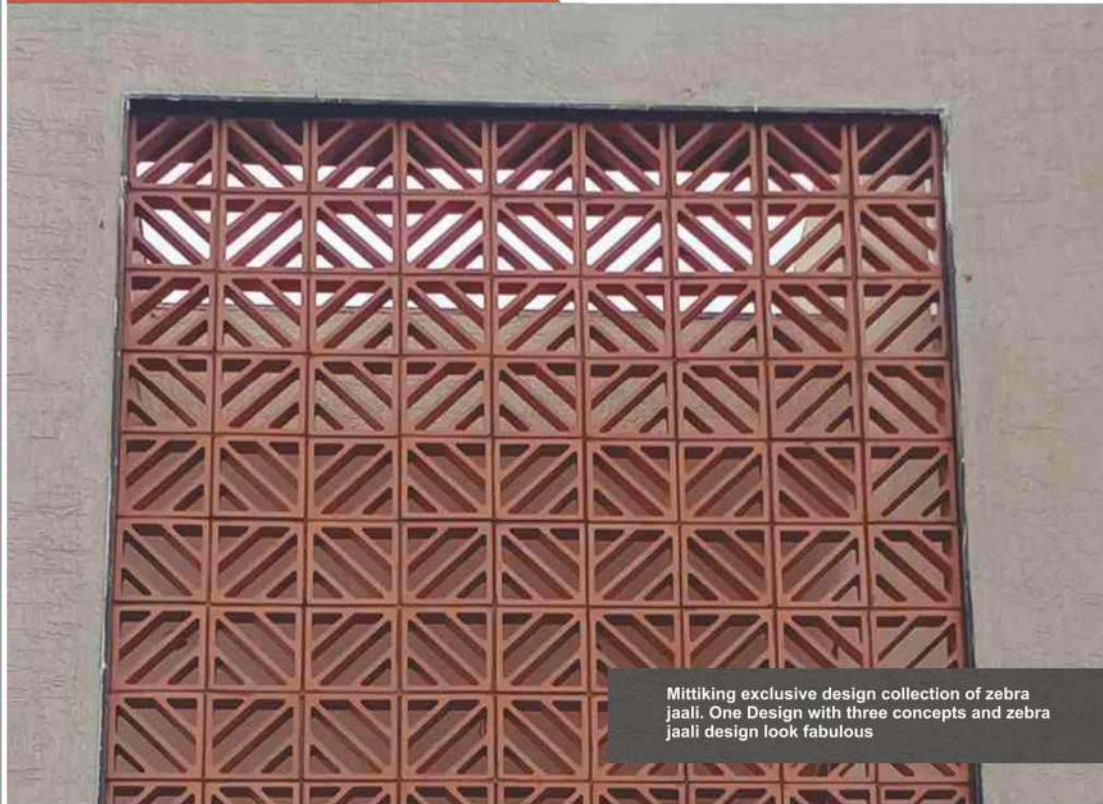
No.of jaali per box : 4 pcs

Coverage sq feet per box : 2 sq feet

Avilable color : Natural Terra Cotta



Slice jaali design is closer to roman architecture jaali design. It resembles the pentagon and give beautiful look to your project. slice jaali have great creative potential depends on your imagination.



Mittiking exclusive design collection of zebra jaali. One Design with three concepts and zebra jaali design look fabulous





4 PICS. CONCEPT VIEW

**W JAALI**

Size : 300 x 220 x 85 MM

11.81 x 8.66 x 3.35 inch

Weight : 4.8 kg

Available color : Natural Terra Cotta

Requirement per sq feet : 1.5 Nos.

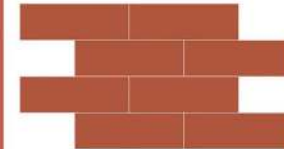
No. of Jaali per box : 2 Pcs.



W Jaali is special one in moroccan collection ,because if can give your seamless or frame less continuation horizontally . W jaali cannot used to mix and match with other patterns as the size is different vertically .little bit bigger size give you good eyecatching view as compare to small size .



## WALL CLADDINGS



### PLAIN

Dimension : 230 x 80 x 10 mm  
9 x 3 inch

Thickness : 10 mm

Per sq feet required qty: 5 pcs

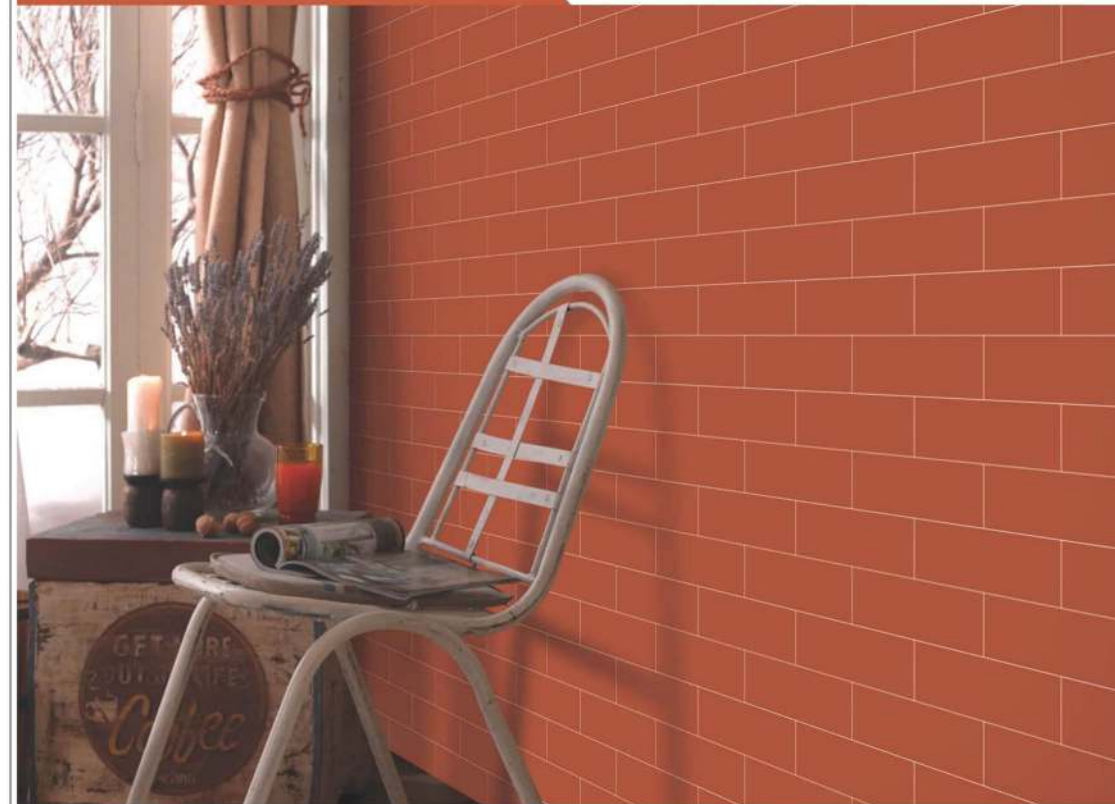
Per box qty : 25 pcs

Per box coverage : 5 sq feet

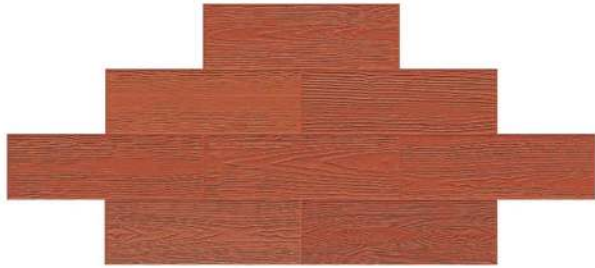
Per pcs weight : 0.375 per box

Weight : 9.5 kg

8 PICS. CONCEPT VIEW







**WOODEN**

**Dimension :** 230 x 80 x 10 mm  
9 x 3 inch

**Thickness :** 10 mm

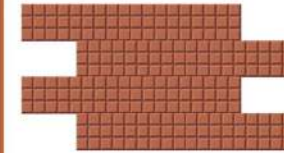
**Per sq feet required qty:** 5 pcs

**Per box qty :** 25 pcs

**Per box coverage :** 5 sq feet

**Per pcs weight :** 0.375 per box

**Weight :** 9.5 kg



8 PICS. CONCEPT VIEW

**CUBIC**

**Dimension :** 230 x 80 x 10 mm  
9 x 3 inch

**Thickness :** 10 mm

**Per sq feet required qty:** 5 pcs

**Per box qty :** 25 pcs

**Per box coverage :** 5 sq feet

**Per pcs weight :** 0.375 per box

**Weight :** 9.5 kg







8 PICS. CONCEPT VIEW

**RUSTIC**

**Dimension :** 230 x 80 x 10 mm  
9 x 3 inch

**Thickness :** 10 mm

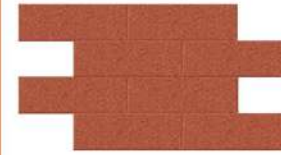
**Per sq feet required qty:** 5 pcs

**Per box qty :** 25 pcs

**Per box coverage :** 5 sq feet

**Per pcs weight :** 0.375 per box

**Weight :** 9.5 kg



8 PICS. CONCEPT VIEW

**DOTED**

**Dimension :** 230 x 80 x 10 mm  
9 x 3 inch

**Thickness :** 10 mm

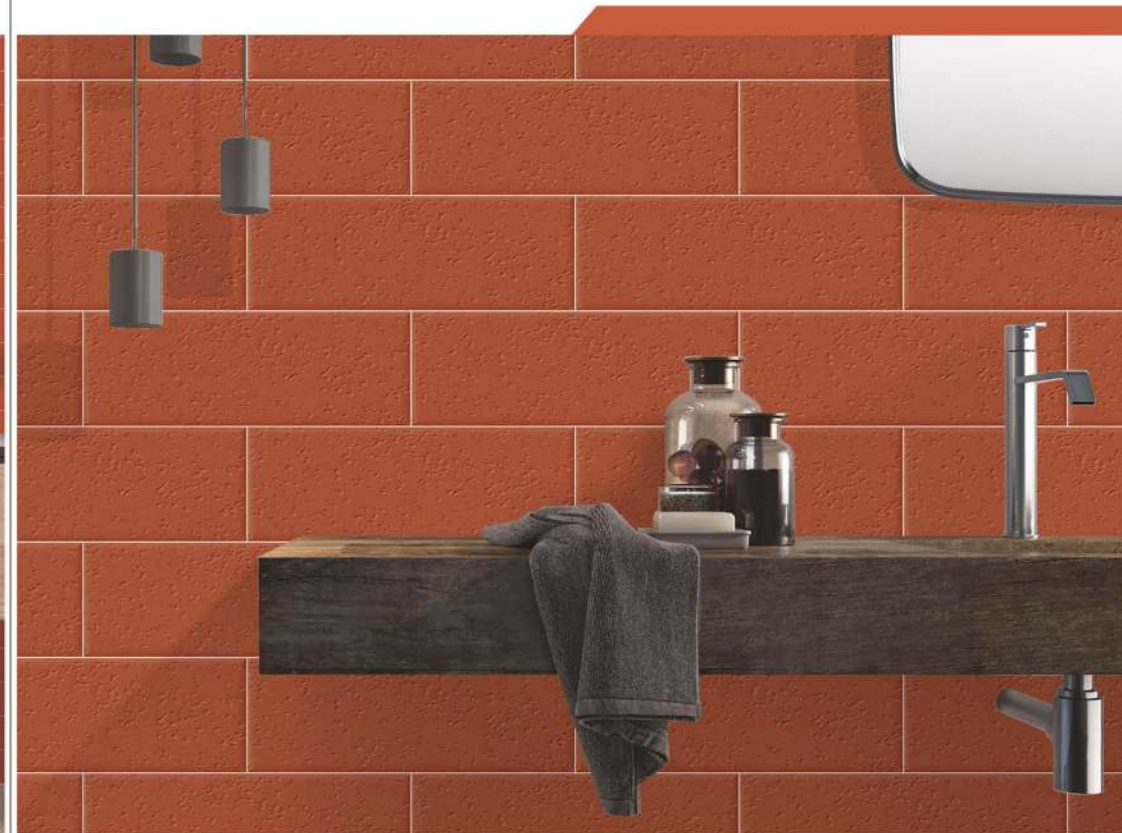
**Per sq feet required qty:** 5 pcs

**Per box qty :** 25 pcs

**Per box coverage :** 5 sq feet

**Per pcs weight :** 0.375 per box

**Weight :** 9.5 kg







8 PICS. CONCEPT VIEW

### GRASSE

Dimension : 230 x 80 x 10 mm  
9 x 3 inch  
Thickness : 10 mm  
Per sq feet required qty: 5 pcs  
Per box qty : 25 pcs  
Per box coverage : 5 sq feet  
Per pcs weight : 0.375 per box  
Weight : 9.5 kg



8 PICS. CONCEPT VIEW

### OSKINO

Dimension : 230 x 65 x 10 mm  
9 x 2.5 inch  
Thickness : 10 mm  
Required qty per sq. feet : 6 pcs  
Quantity per box : 25 pcs  
Coverage area per box : 4.5 sq feet  
Weight per piece : 0.275  
Weight per box : 7 kg



8 PICS. CONCEPT VIEW

### AMBAS

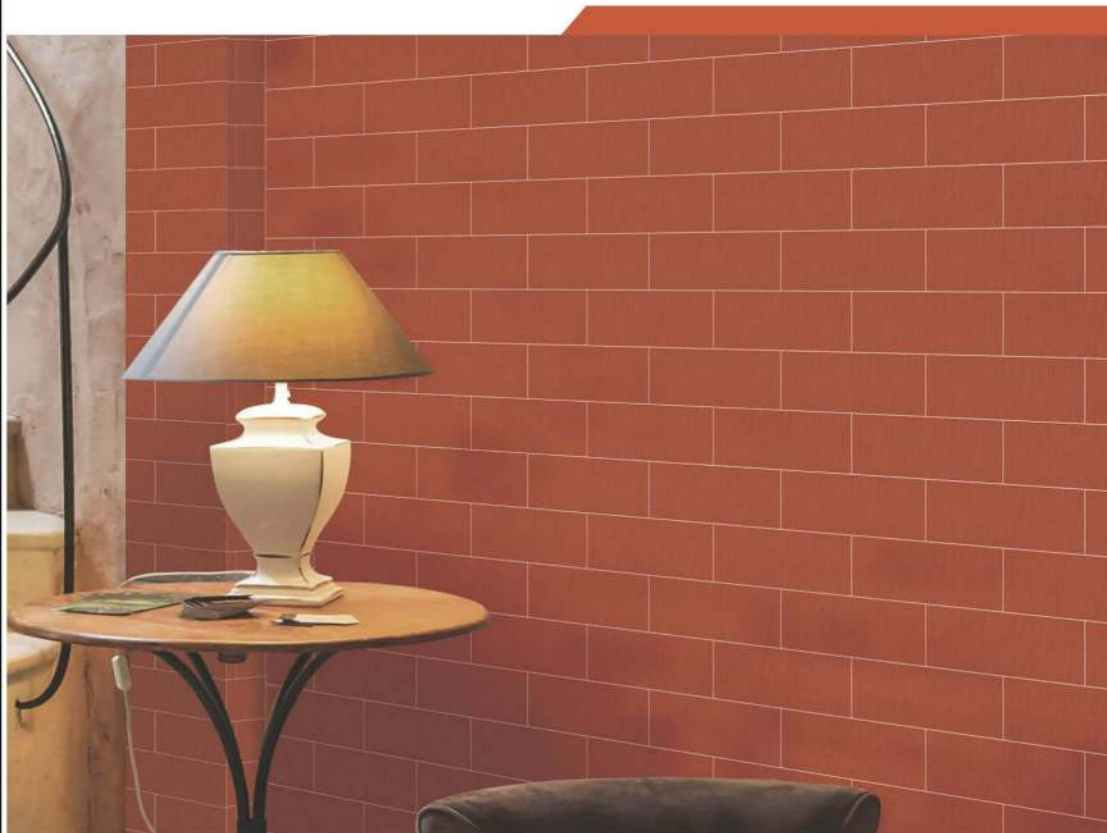
Dimension : 230 x 65 x 10 mm  
9 x 2.5 inch  
Thickness : 10 mm  
Required qty per sq. feet : 6 pcs  
Quantity per box : 25 pcs  
Coverage area per box : 4.5 sq feet  
Weight per piece : 0.275  
Weight per box : 7 kg



8 PICS. CONCEPT VIEW

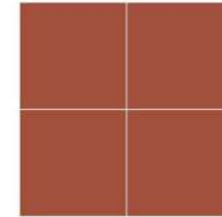
### ROUGH

Dimension : 230 x 65 x 10 mm  
9 x 2.5 inch  
Thickness : 10 mm  
Required qty per sq. feet : 6 pcs  
Quantity per box : 25 pcs  
Coverage area per box : 4.5 sq feet  
Weight per piece : 0.275  
Weight per box : 7 kg





## FLOOR TILES



4 PICS. CONCEPT VIEW

### FLOOR TILE

Size : 8 x 8 inch  
10 x 10 inch  
12 x 12 inch  
Thickness : 10 mm, 12 mm, 15mm  
Dimension Tolerance : +/- 2 (mm)



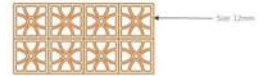


## INSTALLATION GUIDE

It is just like constructing any bricks laying cement mortar or tiles adhesive. Just stake on one on another and make wall of TERAart applications.

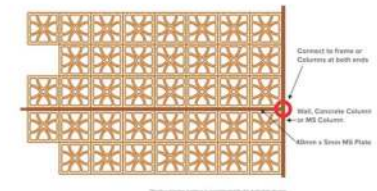
### METHOD 02

This is extension of first method. If the spam & height is more, you can have stiffeners between them. The jaali can gain its self-weight but in order to compensate the lateral force if somebody is pushing or leaning to jaalis, you need extra mechanical support. You need to have extra stiffeners in between. The stiffeners can be used between every 3 or 4 rows of jaalis and it should be connected to both ends either to the column or MS support, you're having both end of the frame.



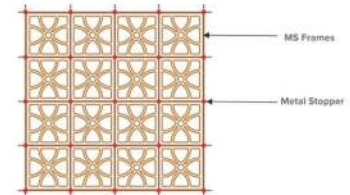
### METHOD 03

This method is purely mechanical based. You can make a grid of 200x200mm and place TERAart applications inside that. Tolerance must be provided for size variation.



### ADDITIONAL PROCESS

- These also can be painted in any of your choice color, we recommend to use primer before you paint them.
- As per your design requirement you can have 3mm or 4mm groove. You can use thinnest 1mm adhesive between each Applications Too.



### Technical Specification

Strength	The unit is N/mm <sup>2</sup> - This should be in between 10 to 12.5 for burned clay bricks.
Density	The unit of density is Kg/m <sup>3</sup> the density of normal clay products is 1200 to 1250.
Water absorption	Water absorption should not be more than 15% of the self-weight of the product.
Fire Resistance	The unit is Minutes - The material should not catch fire even it is exposed to fire up to 30 Mins.





*Proudly made in India*  
*Proud to use **apne desh ki mitti!***

**PREFABB.IN**

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