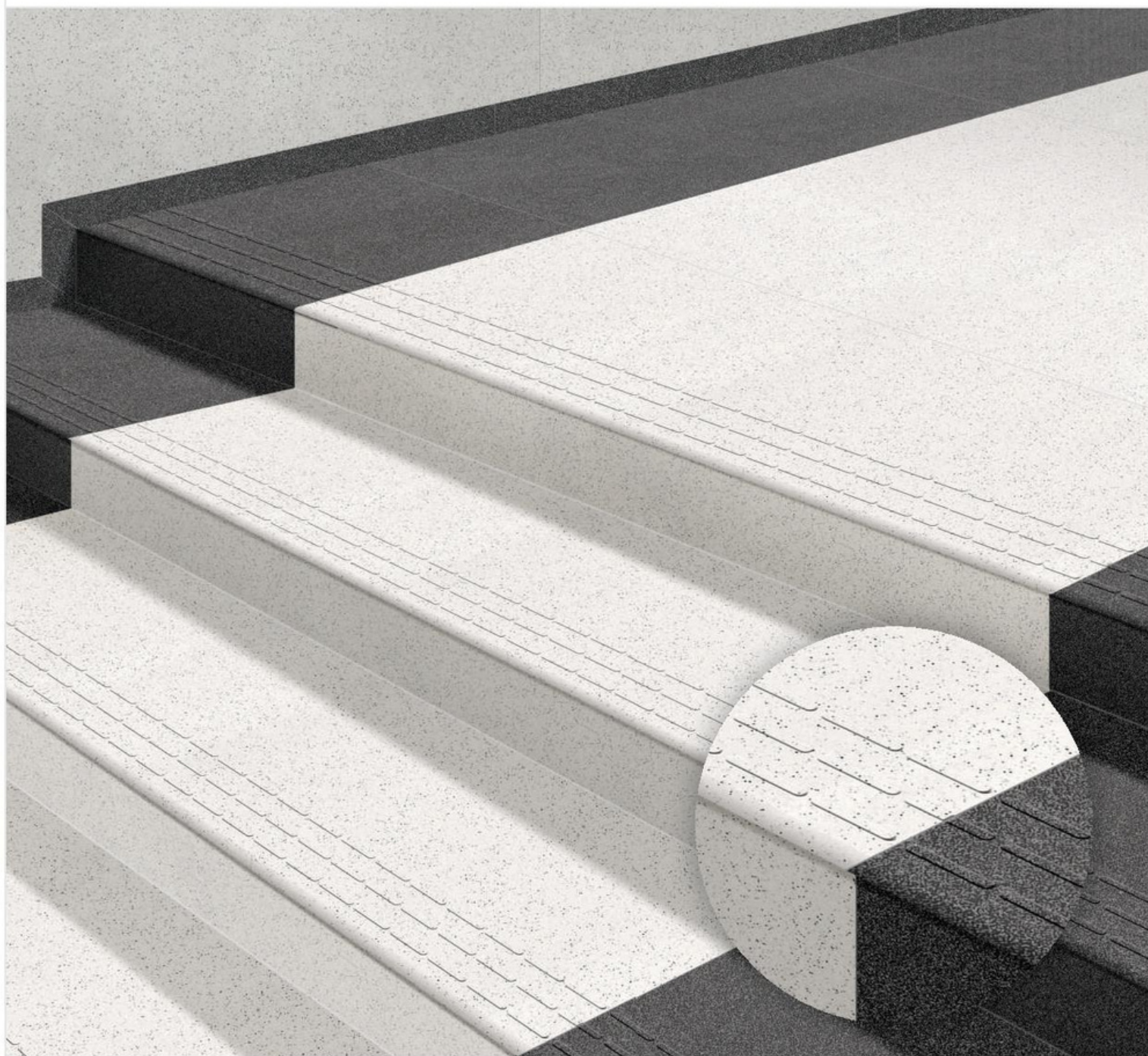




# STEP STONE

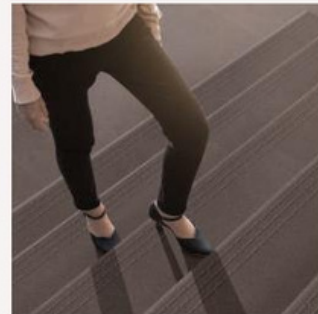
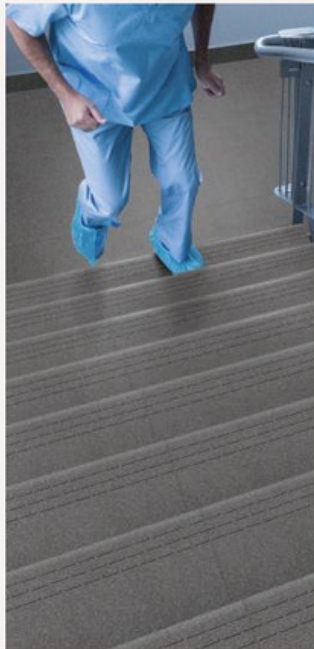
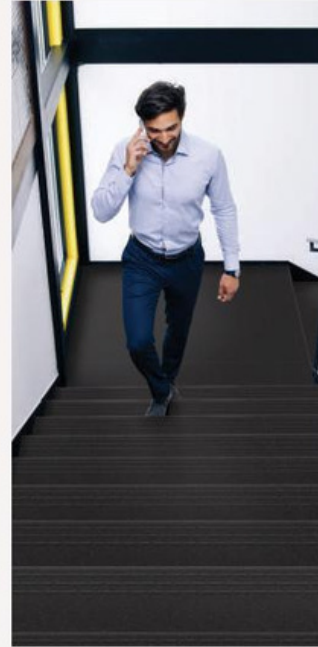
READY TO INSTALL VITRIFIED STEPS

300x1200 MM STEP | 200x1200 MM RISER



ONE SURFACE. MANY POSSIBILITIES  
**POLISHED**  
VITRIFIED TILES

**CANARY**  
*Lifestyles*  
AFFORDABLE LUXURY





# **STEP STONE**

300x1200 MM STEP | 200x1200 MM RISER

## **READY TO INSTALL STEPS AND RISERS**

Stairs and staircases are not defined by their functionality alone. These practical units are also interesting from a design perspective as well-appointed stairs are today a defining feature in houses, rooms or hallways. Kajoria Step Stone Vitrified Steps and riser comes with different colours and shades, suits to your interior and exterior spaces.

# STEP STONE

READY TO INSTALL VITRIFIED STEPS



**SELF EMBOSSED  
TREAD LINES**



**ANTI SKID  
SURFACE**



**BULL NOSE  
FINISH**



**THICKNESS  
12 MM (STEPS)**



**WATER  
ABSORPTION  
<0.05%**



**FULL BODY  
VITRIFIED STEPS**



**EASY  
LAYING**

Highly durable, ideal for heavy traffic and commercial areas, Indoor & Outdoor.

Easy and speedy installation. Say goodbye to cumbersome cutting and finishing on site.

Embossed Tread Lines Provide extra grip for higher safety near step edge. Unique full bull nose edges

Provides higher strength and durability as desired in big size slabs. An assurance to replace natural stones in a confident way. Highest abrasion resistance

Ensures 10 times superior surface protection against wear and tear over natural stones.

Available in 8 beautiful Salt & Pepper shades. Suits the building theme, décor and desired contrast.

Sizes available



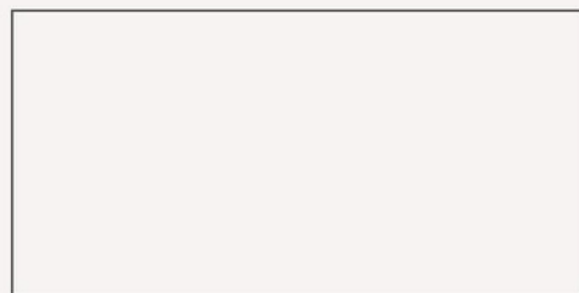
steps

300x1200mm



riser

200x1200mm



landing area tile

600x1200mm



# READY TO INSTALL VITRIFIED STEPS

## SELF EMBOSSED GROOVES

Provides Better Grip

## BULL NOSE FINISH

Prevent Injuries from Sharp edges

## ANTI SKID PROPERTY

Coefficient of Friction  
( $\mu > 0.4$ )

## FULL BODY VITRIFIED TILES

Homogeneous Body

## THICK BODY

Thickness 12 mm (Steps)



Kajaria Step Stone Steps are available in 300x1200mm. These can be used in full size and in cut size as depending on the requirement. While the riser tiles are available in a convenient size of 200x1200mm. For stairs requiring higher width, cut - contrast shades can be used on either side to get the wider stairs.



Contrast Extension for Wider Stairs



Contrast Extension for Wider Riser

| GRANITE                                       | STEP STONE                              |
|---|---|
| Variation in Shade, Color, Density            | Unpack Box, No Color, Density variation |
| Has to cut in sizes                           | Ready to Lay Tiles                      |
| Bull nosing, Half nosing will need to be done | Ready Bull nose                         |
| Cut Grooves need to be done                   | Ready Emboss grooves                    |
| Longer Installation time                      | Easy to Install                         |
| High cost                                     | Lower cost than granite                 |
| Affected by Weather hot/cold                  | Impervious to weather                   |
| High Maintenance                              | Easy to maintain                        |





12351 | STEP

300x1200MM



12251 | RISER

200x1200MM



# STEP STONE

READY TO INSTALL VITRIFIED STEPS

## FEATURES & BENEFITS

### Concepts for Designing

Step Stone by Kajaria are available in different designs and colours. As high-quality tiles, they meet the technical requirements of different standards for the production of stairs. The comprehensive concepts comprising basic, décor and functional tiles can be used for a durable and aesthetically pleasing design of the entire indoor & outdoor stair area.

### Safety for Senior Citizens, Physical disables and Children

Safety is always the number-one priority. It is safe enough for senior citizens, physical disables and children. In addition to slip resistance in compliance with the applicable standards, Step Stone Vitrified tiles offer particular durability and also easy-care properties. These full-bodied tiles come with bull nosing and tread lines that make them skid-resistant and much more safer than conventional stairs.

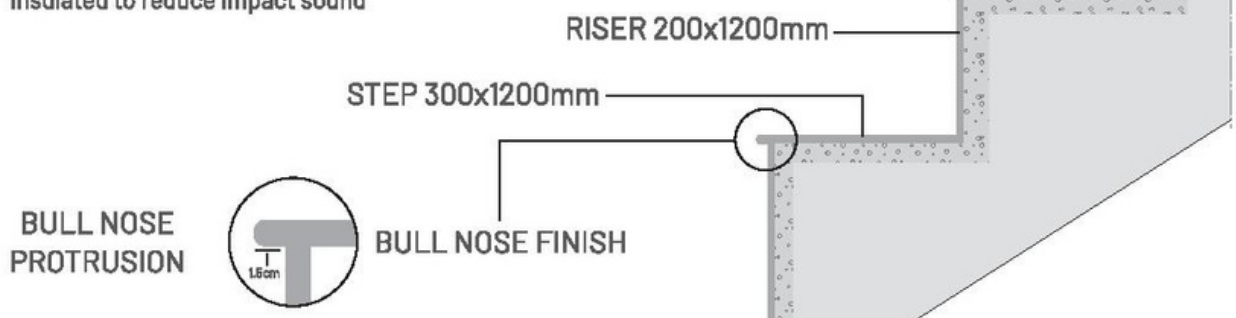
### Long Lasting & Easy Maintenance

Step Stone are full-bodied vitrified tiles, which means they absorb very low water and are impervious to weather or wear and tear induced damage. Fit them and forget them for years of trouble free performance.

### Easy Installation

No more handling issues. No more labour-intensive on-site installations, no more wastage costs. Kajaria Step Stone can be easily and speedily installed on site. Chipped and worn out staircases, constant need for polishing and repairs, are all things of the past.

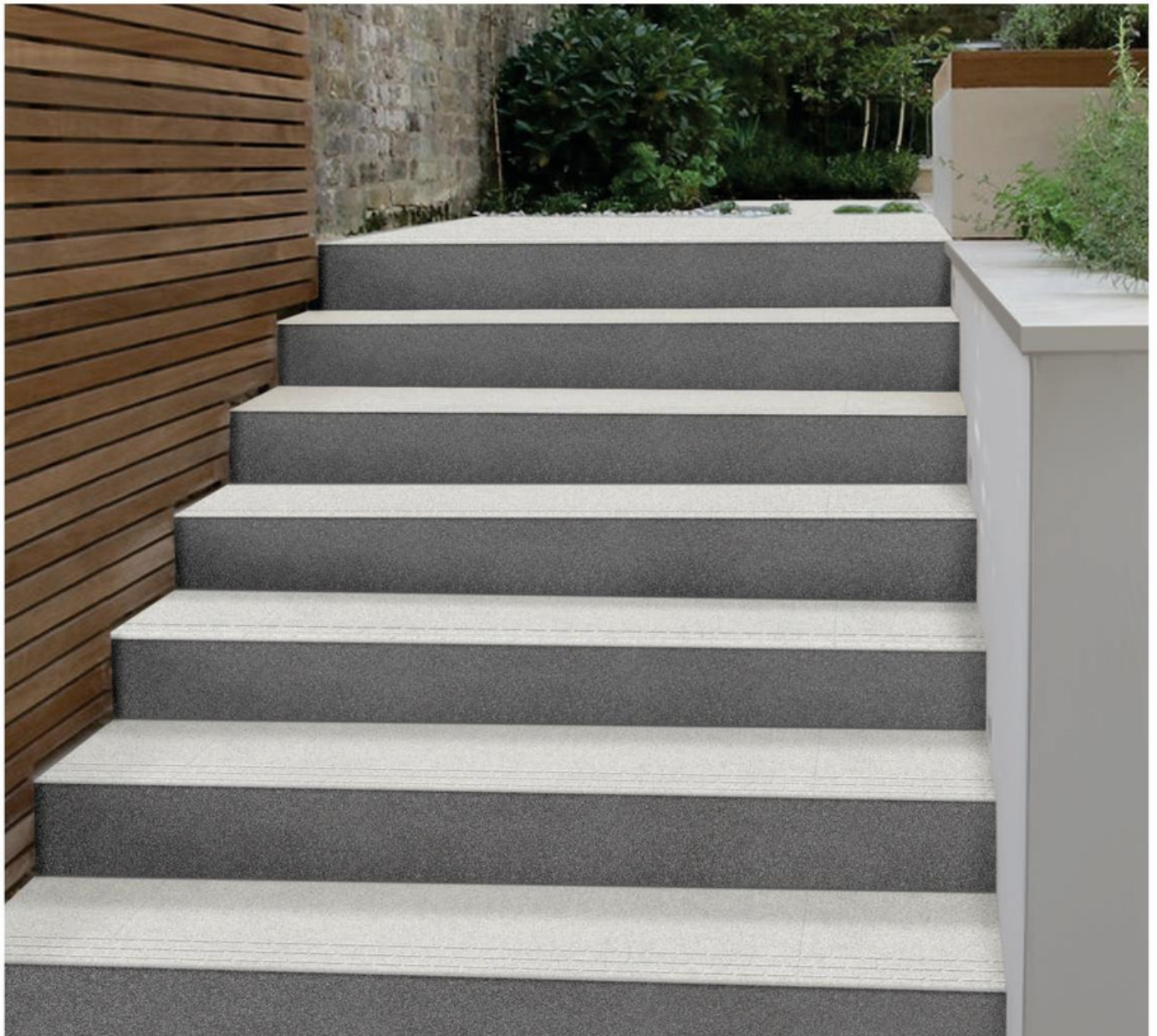
Prefabricated stairs with bearing surface  
Insulated to reduce impact sound





**FULL  
BODY**  
VITRIFIED STEPS

**STEP STONE**  
READY TO INSTALL VITRIFIED STEPS



**STEP STONE**

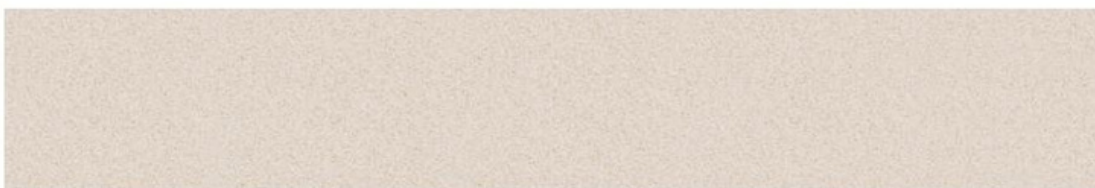
READY TO INSTALL VITRIFIED STEPS

**FULL  
BODY**  
VITRIFIED STEPS



12352 | STEP

300x1200MM



12252 | RISER

200x1200MM



# STEP STONE

READY TO INSTALL VITRIFIED STEPS

**FULL  
BODY**  
VITRIFIED STEPS









12353 | STEP

300x1200MM



12253 | RISER

200x1200MM







12354 | STEP

300x1200MM



12254 | RISER

200x1200MM

**FULL  
BODY**  
VITRIFIED STEPS

**STEP STONE**  
READY TO INSTALL VITRIFIED STEPS







**FULL  
BODY**  
VITRIFIED STEPS

**STEP STONE**  
READY TO INSTALL VITRIFIED STEPS

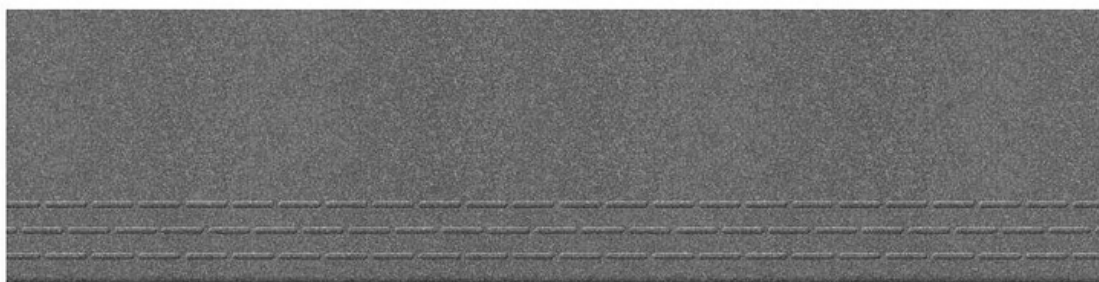




**STEP STONE**

READY TO INSTALL VITRIFIED STEPS

**FULL  
BODY**  
VITRIFIED STEPS



12356 | STEP

300x1200MM

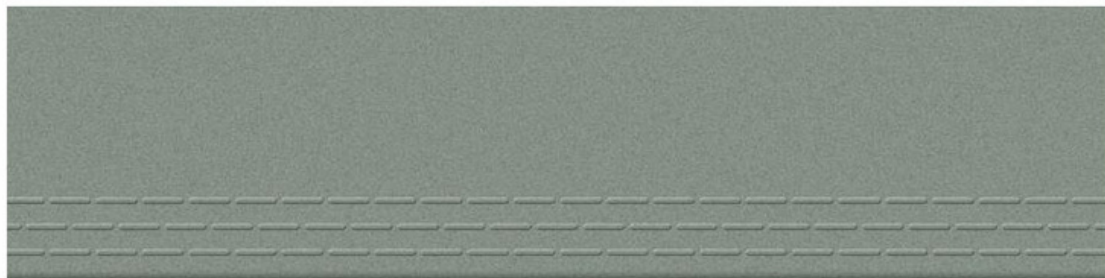


12256 | RISER

200x1200MM

**FULL  
BODY**  
VITRIFIED STEPS

**STEP STONE**  
READY TO INSTALL VITRIFIED STEPS



12355 | STEP

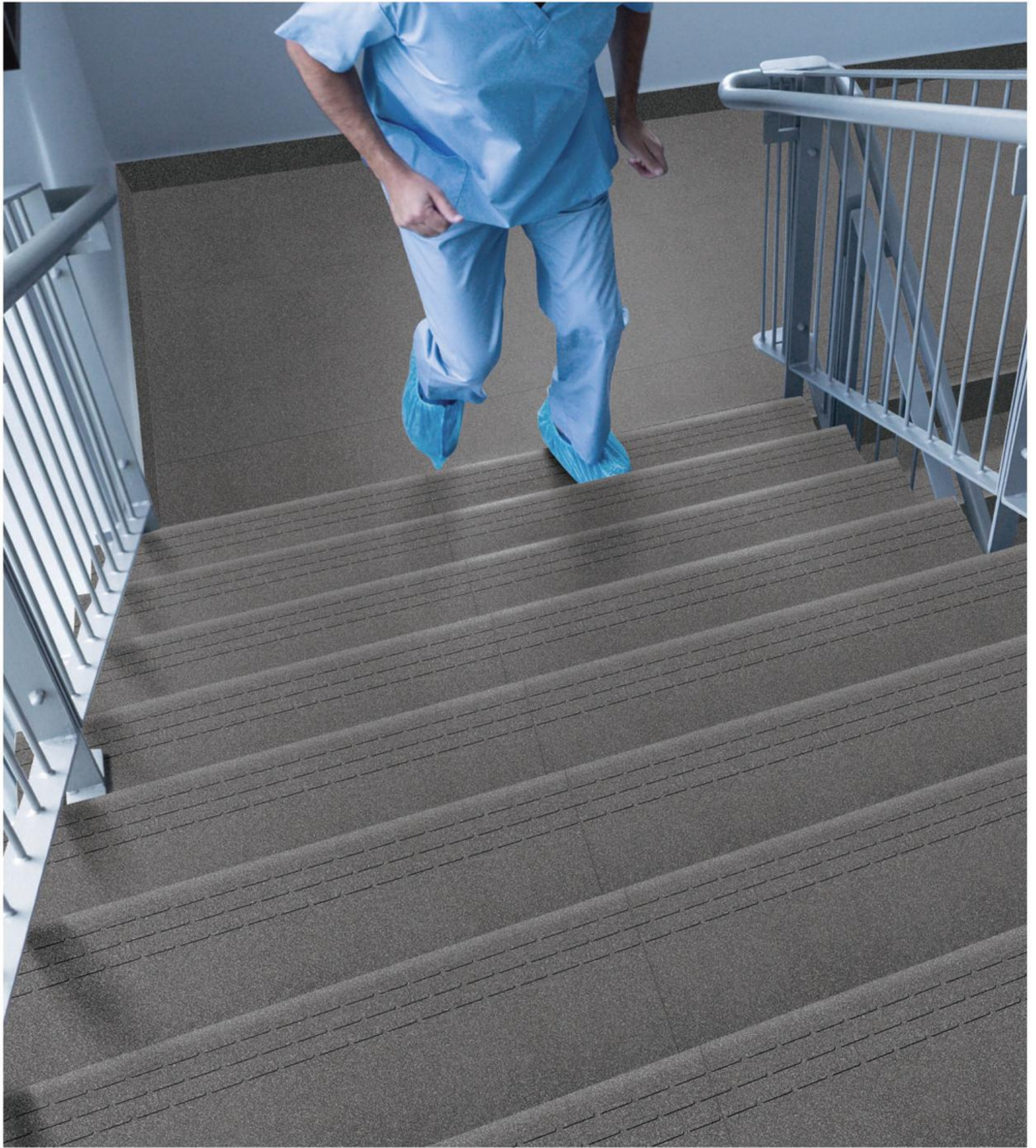
300x1200MM



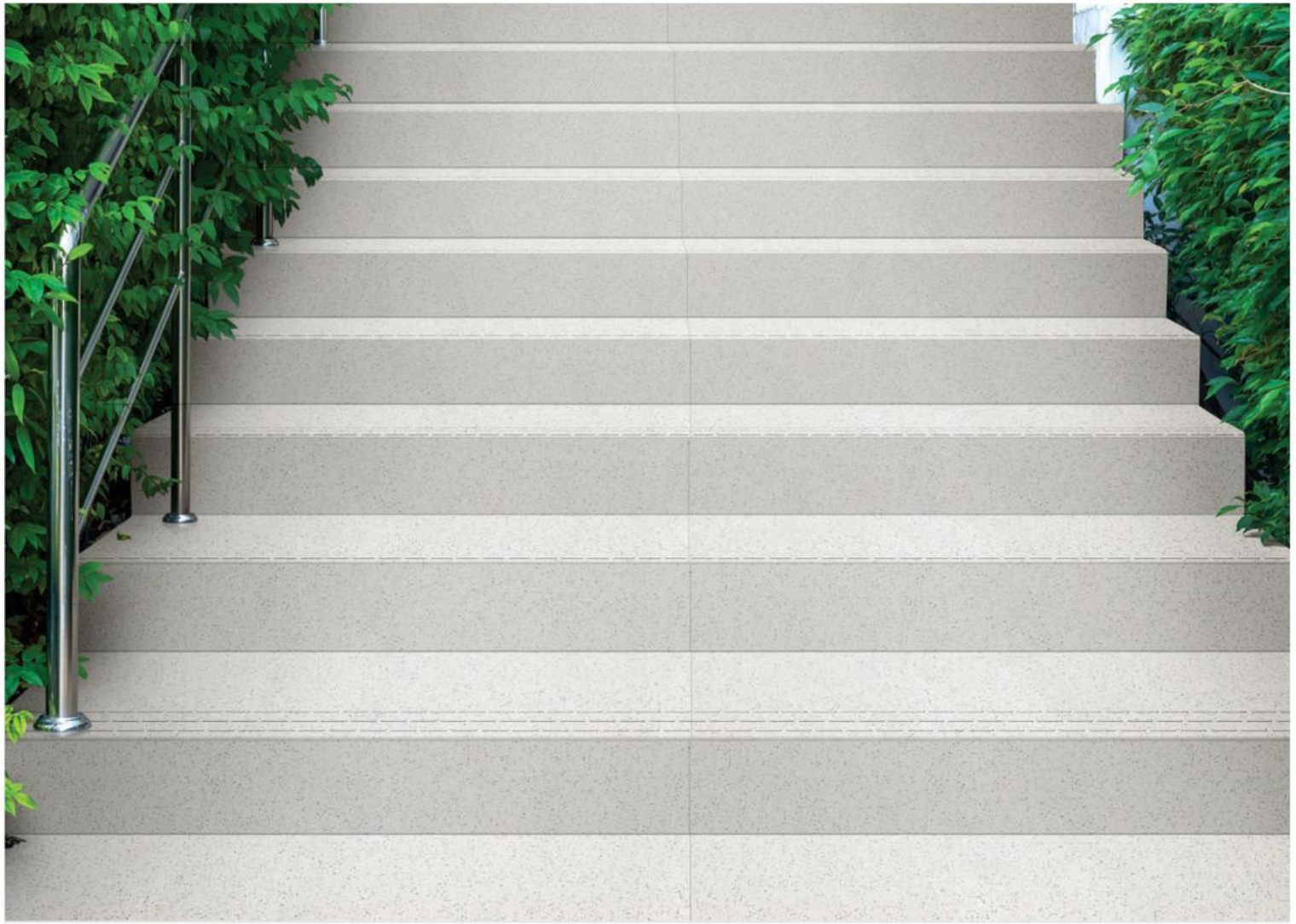
12255 | RISER

200x1200MM









12357 | STEP

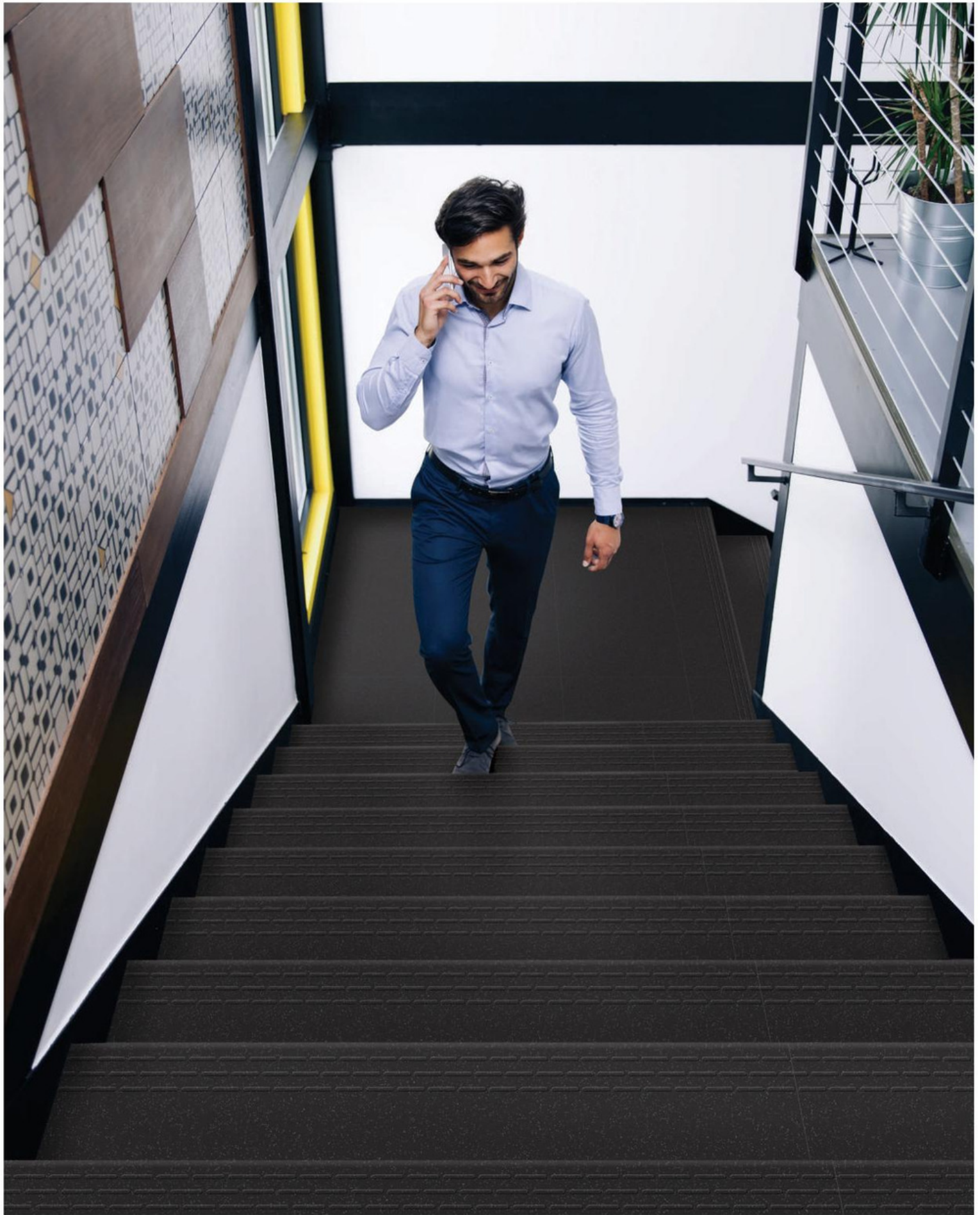
300x1200MM



12257 | RISER

200x1200MM





**FULL  
BODY**  
VITRIFIED STEPS

**STEP STONE**  
READY TO INSTALL VITRIFIED STEPS

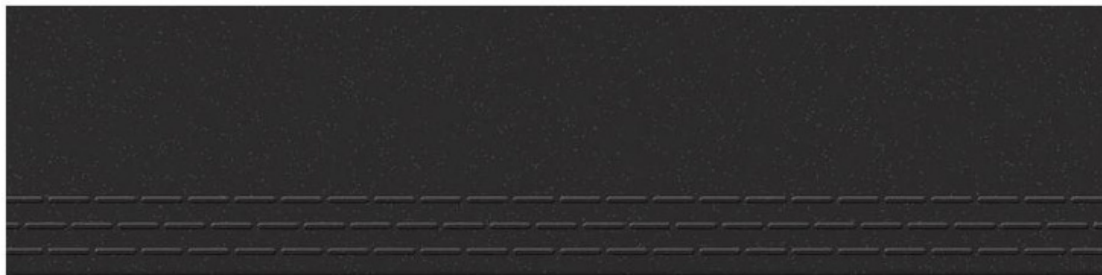






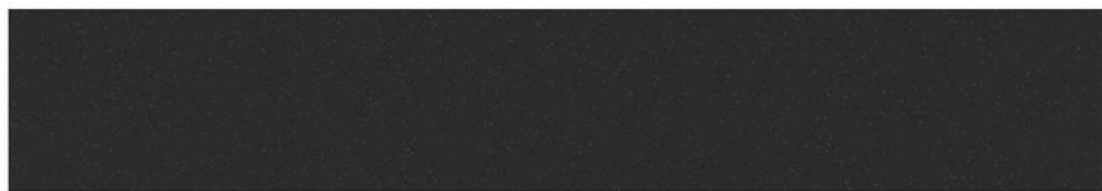
## STEP STONE

READY TO INSTALL VITRIFIED STEPS



12358 | STEP

300x1200MM



12258 | RISER

200x1200MM

## MATCHING LANDING AREA TILES WITH STEPS & RISER

300x1200 | 200x1200 | 600x1200 MM



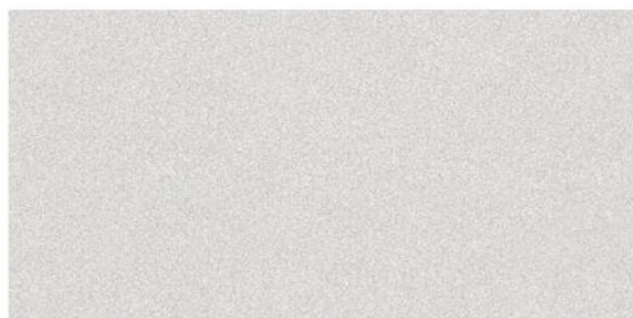
12351 | STEP

300x1200MM



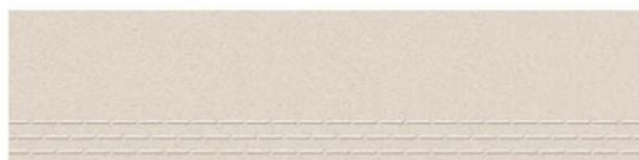
12251 | RISER

200x1200MM



12651 | LANDING AREA TILE

600x1200MM



12352 | STEP

300x1200MM



12252 | RISER

200x1200MM



12652 | LANDING AREA TILE

600x1200MM



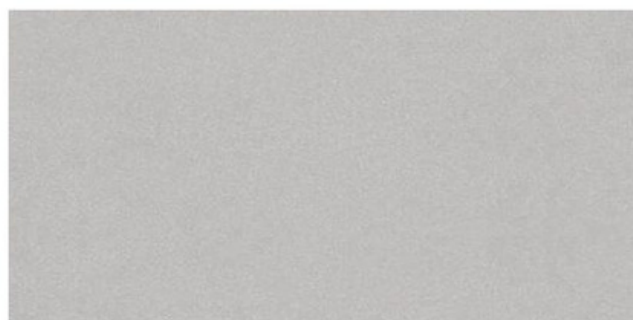
12353 | STEP

300x1200MM



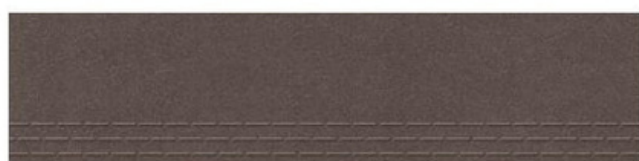
12253 | RISER

200x1200MM



12653 | LANDING AREA TILE

600x1200MM



12354 | STEP

300x1200MM



12254 | RISER

200x1200MM



12654 | LANDING AREA TILE

600x1200MM





12355 | STEP

300x1200MM



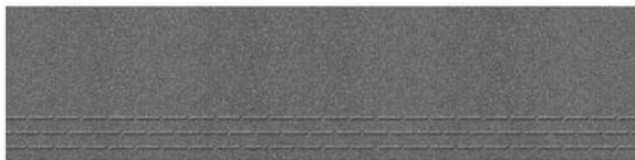
12255 | RISER

200x1200MM



12655 | LANDING AREA TILE

600x1200MM



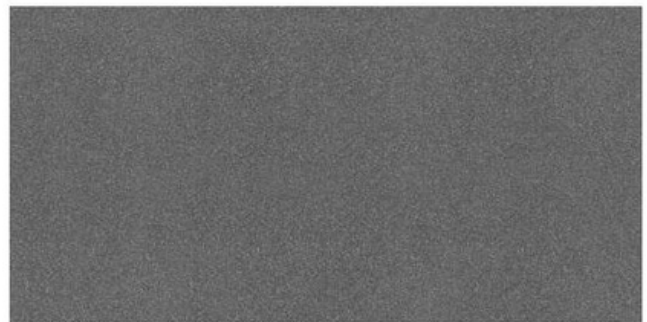
12358 | STEP

300x1200MM



12258 | RISER

200x1200MM



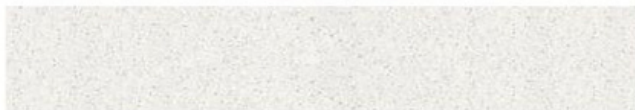
12658 | LANDING AREA TILE

600x1200MM



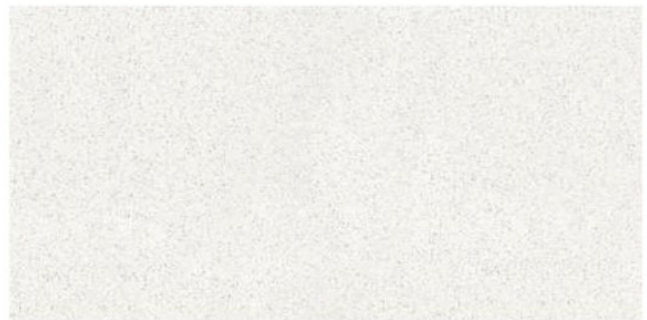
12357 | STEP

300x1200MM



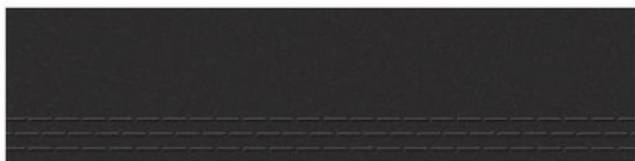
12257 | RISER

200x1200MM



12657 | LANDING AREA TILE

600x1200MM



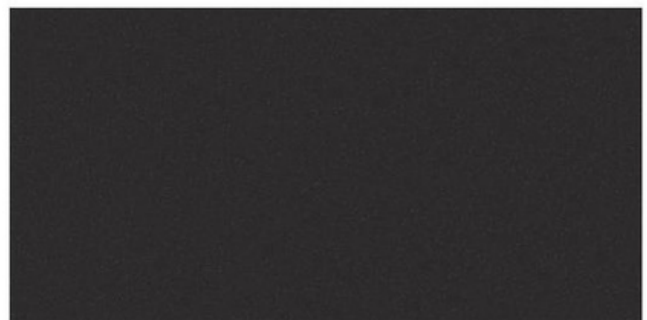
12358 | STEP

300x1200MM



12258 | RISER

200x1200MM



12658 | LANDING AREA TILE

600x1200MM

## APPLICATION AREAS



INDOOR



OUTDOOR



SWIMMING  
POOL



FIRE EXIT



UNIVERSITY



HOSPITAL



SHOPPING MALL

## Recommended Stair Step Dimensions as per National Building Code, BIS, SP : 7

| Type of Building  | Minimum Width | Minimum Tread | Minimum Riser |
|---|---------------|---------------|---------------|
| Residential buildings                                   | 1000 mm       | 250 mm        | 190 mm        |
| Residential hotel buildings                             | 1500mm        | 300 mm        | 150 mm        |
| Assembly buildings like auditoria, theatres and cinemas | 2000 mm       | 300 mm        | 150 mm        |
| Educational building                                    | 1500 mm       | 300 mm        | 150 mm        |
| Institutional buildings                                 | 2000 mm       | 300 mm        | 150 mm        |
| All other buildings                                     | 1500mm        | 300 mm        | 150 mm        |
| 2 storeyed - LIC Urban Areas                            | 600 mm        | 225 mm        | 200 mm        |
| 3 or more storeyed - LIC Urban Areas                    | 750 mm        | 250 mm        | 200 mm        |

**Note:** Straight flights of steps are preferred by ambulant disabled people. Steps should be of a consistent height and depth throughout the stair. Stairs shall be constructed of non-combustible materials throughout.



### **Why Kajaria Step Stone is the new benchmark in the world of staircases?**

Natural stones have been the mainstay of staircases. These stones are not easy to install and are slippery. Moreover, due to lack of uniformity in size, there is a higher wastage cost. Kajaria Step Stone is a revolutionary tile which sidesteps all the complications associated with natural stones. Also, Kajaria Step Stones comes in a convenient size of 300x1200 mm Step with bull nosing and tread lines, 200x1200 mm Riser and 600x1200 mm Landing area tiles in matching colour. This size ensures it meets the design requirements of most staircases.

### **How Kajaria Step Stone is different from others?**

Safety and durability are the cornerstones of Kajaria Step Stone. As a full-bodied Vitrified Tile, it encompasses a high degree of strength with antiskid and stain resistant properties, which makes it a safe and excellent choice, especially for people with ambulant disabilities.

### **What are the advantages of full bull nose edges?**

Kajaria Step Stone is a Full body Bull Nosed vitrified step tile. The unique bull nosing makes the staircase safer and comfortable to step on. It also helps to prevent chipping along edges and gives the staircase an aesthetically pleasing look.

### **What is the purpose of embossed tread lines?**

The embossed tread lines provide extra grip when stepped on, especially near the edges of the steps. This ensures higher safety, preventing people from falling down and risking injuries.

### **What are the benefits of thicker tiles?**

For staircases, it makes sense to have strong tiles which Kajaria Step Stone is owing to its thickness. It ensures safety, lends confidence and assures replacement to natural stones.

### **What are the other benefits of using Kajaria Step Stone?**

The ease and speed of installation, low water absorption (<0.05%) with advanced stain resistance technology. Also due to its high abrasion resistance it provides 10 times more surface protection than natural stones.

### TECHNICAL SPECIFICATION - FULL BODY VITRIFIED TILES

| S. No.                                  | CHARACTERISTIC  | International Standards<br>Group B1a-<br>ISO 13008 Annex. C. | MEAN VALUE OF<br>KAJARIA         | TEST<br>METHOD |
|---|---|--|----------------------------------|----------------|
| <b>Dimensions &amp; surface Quality</b> |   |  |                                  |                |
| 1.                                      | Deviation in length and width                                   | ± 0.6%   | ± 0.1%                           | ISO 10545:2    |
| 2.                                      | Deviation in thickness  | ± 5%   | ± 4%                             | ISO 10545:2    |
| 3.                                      | Deviation in Straightness of sides                              | ± 0.5%   | ± 0.1%                           | ISO 10545:2    |
| 4.                                      | Deviation in Rectangularity                                     | ± 0.6%   | ± 0.1%                           | ISO 10545:2    |
| 5.                                      | Deviation in Surface Flatness                                   | ± 0.5%   | ± 0.2%                           | ISO 10545:2    |
| 6.                                      | Surface Quality (%)   | Minimum 95%  | No visible defects               | ISO 10545:2    |
| <b>Physical characteristics</b>         |   |  |                                  |                |
| 7.                                      | Scratch Hardness of surface Moh's scale                         | Min. 6   | Min. 6                           | ISO 10545:3    |
| 8.                                      | Water absorption  | ≤ 0.5%   | ≤ 0.05%                          | ISO 10545:3    |
| 9.                                      | Moisture Expansion  | Nil  | Nil                              | ISO 10545:10   |
| 10.                                     | Surface Abrasion Resistance                                     | max 175mm <sup>3</sup>                                       | ≤ 144mm <sup>3</sup>             | ISO 10545:7    |
| <b>Mechanical characteristics</b>       |   |  |                                  |                |
| 11.                                     | Breaking strength   | 1300 n   | ≥ 2200 n                         | ISO 10545:4    |
| 12.                                     | Modulus of rupture  | ≥ 35 N/mm <sup>2</sup>                                       | ≥ 35 N/mm <sup>2</sup>           | ISO 10545:4    |
| 13.                                     | Impact resistance   | Declared by manufacturer                                     | no indentation or cracking       | ISO 10545:5    |
| <b>Safety characteristics</b>           |   |  |                                  |                |
| 14.                                     | Density   | 2.20 gm/cc   | 2.34 gm/cc                       | DIN 51082      |
| 15.                                     | Skid resistance   | -  | More than R10 (Box 80cm x 9.7mm) | DIN 51130      |
| <b>Thermo photo characteristics</b>     |   |  |                                  |                |
| 16.                                     | Thermal shock resistance  | Resistant to 10 cycles                                       | Pass min 10 cycles               | ISO 10545:9    |
| 17.                                     | Co efficient of thermal expansion                               | 9x10 <sup>-6</sup> /°K* Max                                  | <8x10 <sup>-6</sup> /°K* Max     | ISO 10545:8    |
| 18.                                     | Frost resistance  | Resistant  | Resistant                        | ISO 10545:12   |
| 19.                                     | Color Resistance to UV light                                    | Resistant  | Resistant                        | ISO 10545:16   |
| <b>Chemical characteristics</b>         |   |  |                                  |                |
| 20.                                     | Stain Resistance  | Resistant  | Resistant                        | ISO 10545:14   |
| 21.                                     | Chemical Resistance<br>HOUSE HOLD CHEMICAL & SWIMMING POOL SALT | min class-UB   | Conform to classes-UA            | ISO 10545:13   |
| 22.                                     | Chemical Resistance<br>LOW CONCENTRATIONS ACID & ALKALIES       | min class-ULB  | Conform to classes-U/LA          | ISO 10545:13   |
| 23.                                     | Chemical Resistance<br>HIGH CONCENTRATIONS ACID & ALKALIES      | min class-ULB  | Conform to classes-U/LA          | ISO 10545:13   |

### PACKING DETAILS

| S. No. | Dimensions ( mm) | No. of tiles / box | Coverage Area |
|--------|------------------|--------------------|---------------|
| 1.     | 200x1200         | 6 Pcs.             | 1.44 Sq. Mtr. |
| 2.     | 300x1200         | 4 Pcs.             | 1.44 Sq. Mtr. |
| 3.     | 600x1200         | 2 Pcs.             | 1.44 Sq. Mtr. |

\* Vitrified tiles have resistance to most of the stains/chemicals but, it is recommended to take due care while laying and for day-to-day maintenance.  
# Resistance to acids & alkalies (Exception Hydrofluoric Acids & its Compounds)

- Colours in the catalog are as accurate as printing process allows
- Sizes mentioned in the catalog are the nominal sizes only.
- Conforming to ISO requirements, technical specifications for Kajaria tiles are applicable only for 1st quality tiles.
- Please inspect all tiles prior to installation; company will not entertain complaints, once tiles are laid / fixed.
- For better laying, please follow the instructions on the packaging box.



**NORTH****CHANDIGARH**

SCO- 45-46-47, first floor, sector-17A,  
opp. Taj Hotel, Chandigarh-160017  
Mobile : 9779042134, 9779009264  
Phone : 0172- 4631419 / 16

**DELHI**

J-1/B-1 (Extn.),  
Mohan Co-Operative Industrial Estate,  
(Opp. Badarpur Thermal Power Station),  
Mathura Road, New Delhi - 110 044. (Delhi)  
Mobile : 9717795123, 9717795181

**DEHRADUN**

International Trade Tower, 1 Old Survey Road,  
Adjoining Rajpur Road,, Near Cross Road Mall  
Dehradun - 248001, Uttarakhand  
Mobile : 97600 40499

**JAIPUR**

G-1-2, Alshwarya Tower,  
Near Hotel Hawa Mahal, Ajmer Road,  
Jaipur-302005, (Rajasthan)  
Mobile : 9929022124

**LUDHIANA**

Upper Ground Floor, Sandhu Tower-2,  
Gurdev Nagar, Ferozpur Road,  
Ludhiana - 141001, Punjab  
Mobile : 9779021257

**LUCKNOW**

529 GH/06, Kanchana Bihari Marg,  
Near Jagrani Hospital, Ring Road  
Lucknow - 226016 (U.P.)  
Mobile : 9793299660, 8173001374

**VARANASI**

Rukmani Tower, N8/247-2K-1, DLW,  
BHU Road, Newada, Sunderpur  
Varanasi-221005, Uttar Pradesh  
Mobile : 9794865554, 9006055556

**SOUTH****BANGALORE**

Farah Icon, 119 First Floor  
Opp. New Pass Port Kendra, Lalbagh Road,  
Bangalore - 660 027, (Karnataka)  
Mobile : 9008098325, 9008007336, 90082 78672

**CHENNAI**

Old No.121, New No.38, Arthan Jashn Building,  
Rukmani Lakshmiipathi Salei,  
Opp to Rajarathinam Stadium, Egmore  
Chennai - 600008, TamilNadu  
Mobile : 9003077099  
Phone : 044-28594990 / 28594991

**COCHIN**

MN Square, 1st Floor  
549/2, Near Gold Souk Grande  
NH Bypass, Vyttila, Cochin- 19, (Kerala)  
Mobile : 9746474732, 9746474739, 9746474733

**COIMBATORE**

First Floor , No.67, Cowley Brown Road,  
R.S Puram, Coimbatore - 641002, (Tamil Nadu)  
Mobile : 9003325075

**HYDERABAD**

Kaerthi & Prida Towers, House No. 8-2-12Q/85/1 & 2,  
3rd Floor, plot No.11 & 12, Road No.2, Banjara Hills  
Hyderabad-500034, (Telangana)  
Mobile : 9000005385

**VIJAYWADA**

61-3/4-1, 1st Road, Geetha Nagar, Beside SBI Bank,  
NH-6,Vijaywada-520013, (Andhra Pradesh)  
Mobile : 7799660222, 900302776

**WEST****AHMEDABAD- Regional Office**

Office No. 11, 3rd Floor, Agarwal Mall,  
Opp. Sole Bhagwat Vidhyapith SG Highway  
Ahmedabad, Gujarat - 380060  
Phone: +91 9724340900

**MUMBAI**

B1-307, BOOMERANG, Chandivli Fern Road,  
Near Chendivli Studio, Off Sak-Vihar Road,  
Andheri (E) Mumbai - 400072, (Maharashtra)  
Mobile : 9987753947, 9987753948

**NAGPUR**

Parthmesh Raja Apartment., Above  
Bank of Baroda, Lunkhane Road,  
Medical Square, Nagpur - 440009,  
(Maharashtra)  
Mobile : 7766904583

**PUNE**

601-A, D.S.K. Gandhary Heights,  
Ganesh Khind Road, Shivali Nagar,  
Pune - 411005, (Maharashtra)  
Mobile : 7028005373

**CENTRAL****RAIPUR**

1st Floor, Maharaja Plaza, Near Wholesale  
Fruit Market, Dhamtari Road, Laalpur  
Raipur-492001, Chhattisgarh  
Mobile : 9755007408

**EAST****KOLKATA- Regional Office**

Tinupati Plaza, 2nd Floor 74/2,  
Acharya Jagdish chandra Bose Road  
Kolkata-700 016, West Bengal  
Phone - +91-33-40231111, 22268954

**SALES REPRESENTATIVE****NORTH****AGRA :**

Mobile : 9760045574

**ALLAHABAD :**

Mobile : 9773983600

**BHATINDA :**

Mobile : 9501001162

**FARIDABAD :**

Mobile : 9717219345

**GURGAON :**

Mobile : 9717795118  
9650065523

**GHAZIABAD :**

Mobile : 9810010240

**GORAKHPUR :**

Mobile : 8009407878

**HALDWANI :**

Mobile : 9760098112

**HISSAR :**

Mobile : 9996907982

**JALANDHAR :**

Mobile : 9779021261

**JAMMU :**

Mobile : 9906909300

**JODHPUR :**

Mobile : 9001094759

**KANPUR :**

Mobile : 8173001374

**GHAZIABAD/ NOIDA :**

Mobile : 9810010240

**ROHTAK :**

Mobile : 9996907982

**SHIMLA**

Mobile : 9501001163

**UDAIPUR :**

Mobile : 9001092597

**EAST****BIHAR :**

Mobile : 7781005449

**JHARKHAND :**

Mobile : 9938234060

**WB/NE**

Mobile : 9007372220

**ODISHA**

Mobile : 9937571222

**SOUTH****CALICUT:**

Mobile : 9746117422

**KANNUR :**

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