

# RAK

## CERAMICS

Our  
Company

Focused on  
Ceramic  
Expertise

# Company Profile

## Overview

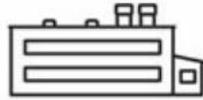
**RAK**  
CERAMICS



**118 MILLION SQUARE METERS  
OF TILES PER YEAR**



**5 MILLION PIECES  
OF SANITARYWARE PER YEAR**



**21 STATE  
OF THE ART PLANTS**



**PRESENCE  
IN 150 COUNTRIES**



**12000 STAFF**



**US\$1 BILLION  
ANNUAL TURNOVER**

# Company Overview

## Quality & Certifications

### Certifications



## Vitrified

### Glazed

- ❖ GVT 600 x 600
- ❖ GVT 600 x 1200
- ❖ GVT 198 x 1200
- Outdoor Application :**
- ❖ 600x1200x15 MM
- Klima :**
- ❖ 600x1200
- ❖ 600x600
- ❖ 300x300
- Igneous :**
- ❖ 600x600
- Barefoot+**
- ❖ 600x600
- ❖ 600x1200
- Detroit Metal:**
- ❖ 600x1200

### Unglazed Unpolished

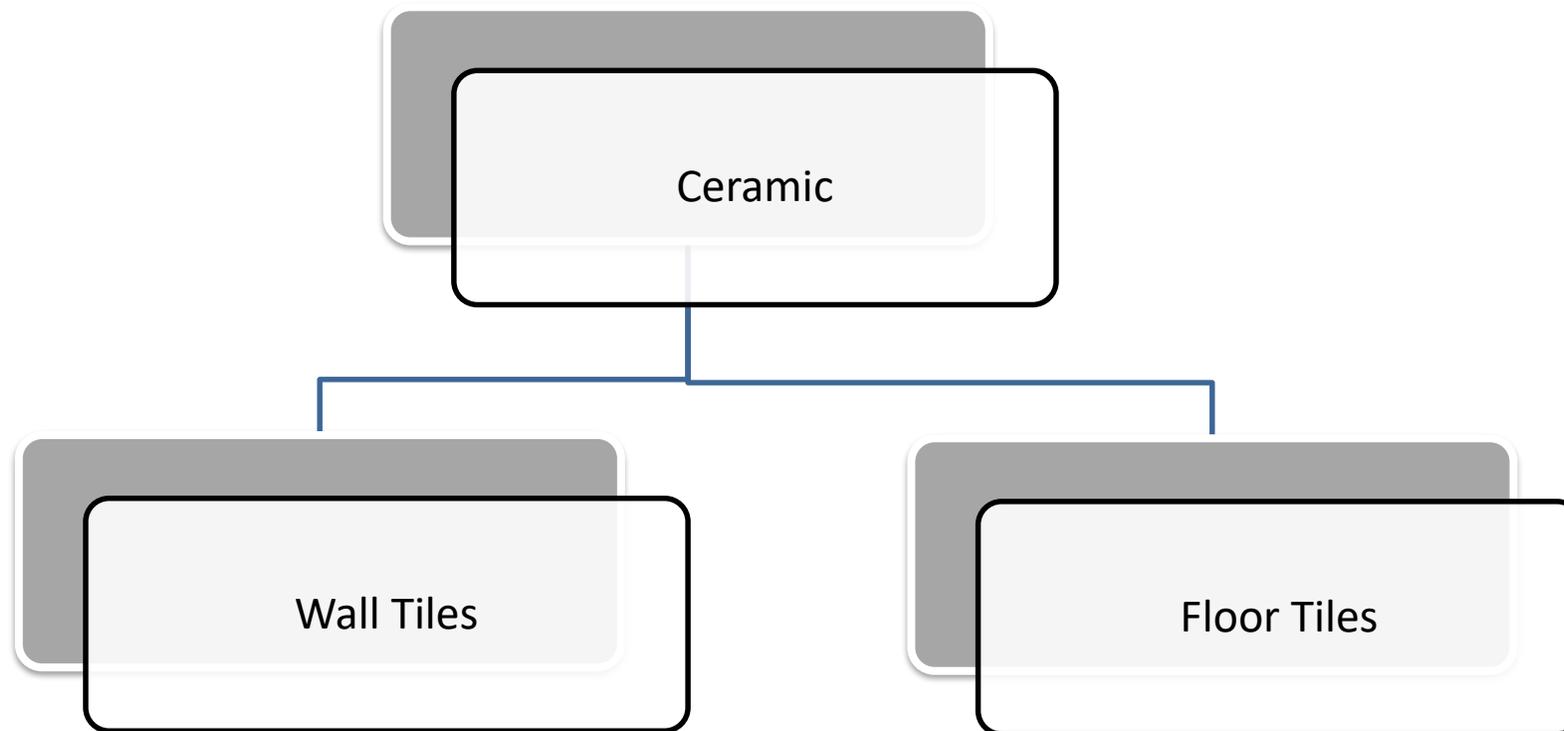
- ❖ FB 600 x 600
  - ❖ Retro
  - ❖ Newport
  - ❖ Cupid
  - ❖ Coarstone
- ❖ FB 600 x 1200
  - ❖ Retro
  - ❖ Coarstone
  - ❖ Orter
  - ❖ Riverstone
  - ❖ Seastone
- ❖ FB 800x800
  - ❖ Orter
- ❖ **Steps & Riser**
- ❖ **series 8**
- ❖ **PRISM**

### Unglazed Polished

- ❖ DC 600 x 600
- ❖ DC 600x1200
- ❖ DC 800x800
- ❖ DC 1000 x 1000

### Sintered Compact Surface

- ❖ GVT 800 x 1600
- ❖ GVT 900 x 1800
- ❖ GVT 1200 x 1200
- ❖ GVT 800 x 2400x15
- ❖ GVT 1200 x 2400
- ❖ GVT 1200x1800
- ❖ GVT 1200x1800x15



- ❖ 300 x 600 mm
- ❖ 300 x 450 mm
- ❖ 300 x 300 mm (matching floor)
- ❖ 200 x 600 mm
- ❖ 250 x 375 mm
- ❖ 200 x 300 mm
- ❖ 300 x 600 mm Elevation

- ❖ 300 x 300 mm Unrectified
- ❖ 396 x 396 mm
- ❖ 600 x 600 mm

# RAK Ceramics

High Performance – Technical Tiles



## TECHNICAL PARAMETERS OF VITRIFIED TILE

PARAMETER NAME	OTHER BRANDS	RAK
WATER ABSORPTION	Less than 0.08 %	Less than 0.02 %
MOR	38 N/mm <sup>2</sup>	49 N/mm <sup>2</sup>
CRAZING	2 Cycle Pass	4 Cycle Pass
Own LAB at MORBI	Not Available	Own Lab at MORBI

Innovation is the heart of RAK Ceramics philosophy and the company is a pioneer in introducing hi-tech innovations that are a breakthrough in the industry and a world leader in the production of Vitrified tiles ideal for use of indoor & outdoor spaces for wall and floor coverings for residential, retail and industrial projects.

## **SUPERIOR TECHNOLOGY**

**RAK Ceramics**  
Superior Technology

**SERIES 8**

**KLIMA**  
INNOVATION AND SUSTAINABILITY

**RAK-SANit**  
HEALTHCARE SOLUTIONS

Confi



IS 4457

Surface Technology

THROUGH BODY VEINING

**RAK**  
CERAMICS

Sintered Surfaces

**IGNEOUS**

Luce

Countertop Solutions

RAK  
Series 8  
Digitally Decorated Full Body Tiles

# SERIES 8

Digitally Decorated Full Body Tiles

**RAK**  
CERAMICS



**SERIES 8**

**SERIES 8**

Digitally Decorated Full Body Tiles

**RAK**  
CERAMICS



**High Performance Technical Tiles**

**SERIES 8**

# SERIES 8

## Digitally Decorated Full Body Tiles



**RAK**  
CERAMICS

- ❑ First time in India.
- ❑ Surface Hardness Level : 8 on Mohs Scale
- ❑ Combined with the technology for DIGITAL DECORATION, the new system allows the creation of materials with extraordinary natural and structured characteristics of great aesthetic values.

**SERIES 8**

## SERIES 8

### Digitally Decorated Full Body Tiles



**RAK**  
CERAMICS

- ❑ For heavy traffic areas, we need tiles with high technical performance. So, we are using Full Body tiles in such application areas.
- ❑ But, full body tiles have limited aesthetic value.
- ❑ Aesthetic Value is best achieved in Glazed Vitrified tiles with the use of digital decoration and different textures.

**SERIES 8**

# SERIES 8

## Digitally Decorated Full Body Tiles



**RAK**  
CERAMICS

- ❑ So we have introduced a new technology wherein we can achieve Digital decoration on full body.
- ❑ Series 8 is our offering which combines the advantage of both Full Body tiles & Glazed Vitrified Tiles.
- ❑ Series 8 is available in natural, structured and matt materials of great aesthetic value to provide architects and interior designers the perfect solution for their contemporary design needs.

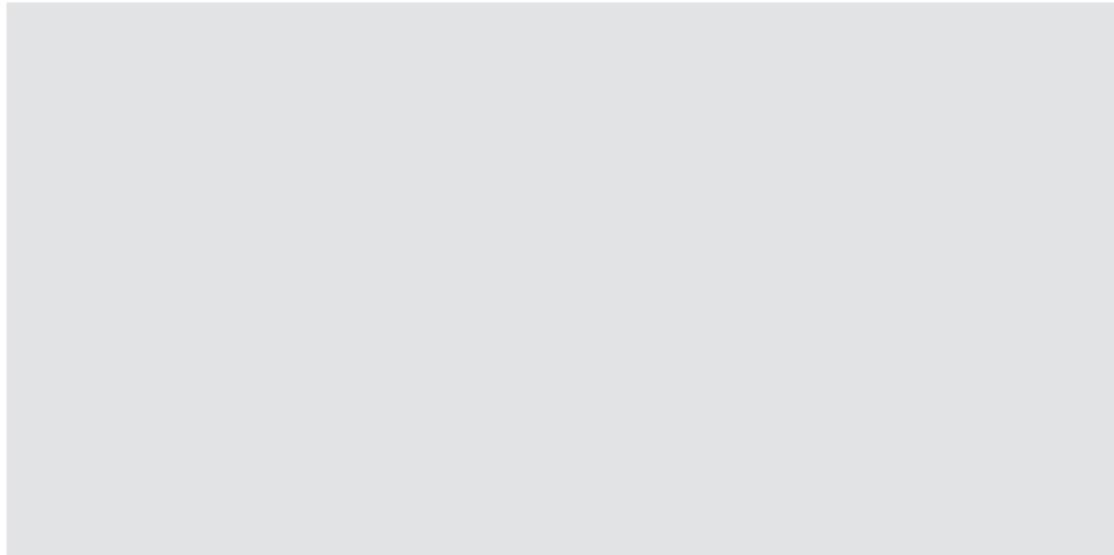
**SERIES 8**

**SERIES 8**

Digitally Decorated Full Body Tiles

60x120 cm

23.62"x47.24"



**RAK**  
CERAMICS

**SERIES 8**

**SERIES 8**

Digitally Decorated Full Body Tiles

**RAK**  
CERAMICS



**SERIES 8**

**SERIES 8**

Digitally Decorated Full Body Tiles

**RAK**  
CERAMICS



**SERIES 8**

**RAK-Sanit**  
Anti Bacterial Tiles & Sanitaryware

# RAK Ceramics

Superior Technology - Sanit

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**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

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CERAMICS



## PERMANENT PROTECTION

The methodology of application of this product integrated into the glaze during the production process, gives the pieces permanent protection.



## CONSTANT PROTECTION

Continuous antibacterial protection for 24 hours; the technology of these products do not require the presence of light to activate it's biocide properties.



## NON TOXIC

The antibacterial glazes are only detrimental to the bacteria. Not for any other living being.



## NON AESTHETIC LIMITATIONS

The colors and finishes, matte, gloss, rustic, transparent, opaque, can be selected to suit the aesthetic needs of the pieces. The antibacterial glaze does not limit the development of the colours, finishes and textures of the pieces and can be selected to suit the aesthetic needs.

# RAK Ceramics

## Superior Technology - Sanit

# RAK

CERAMICS

અહમદાબાદ વસ્ત્ર ઉદ્યોગ અનુસંધાન સંસ્થાન

પી.ઓ. અંબાવડી વિસ્તાર, અહમદાબાદ - ૩૮૦૦૧૬, ભારત  
 ધોન : (૦૭૯) ૨૬૩૦ ૭૯૨૧ - ૭૯૨૨ - ૭૯૨૩ - ૬૧૩૨  
 ફેક્સ : (૦૭૯) ૨૬૩૦ ૬૬૭૭ - ૧૯૬૯ - ૬૧૩૧  
 ઈ-મેલ : atrad1@sanchamat.in વેબસાઇટ : www.atira.in



AHMEDABAD TEXTILE INDUSTRY'S  
 RESEARCH ASSOCIATION

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 Fax : (079) 2630 6677 - 1969 - 5131  
 E-mail : atrad1@sanchamat.in Website : www.atira.in

### Test Report

Test Report No: A/ET/BT/10	Date: 02/03/2021
Name and address of Customer:	RAK CERAMICS INDIA PVT LTD 1 <sup>st</sup> Floor, Dharmaj Chambers, Near Kuber Talkies, Morbi-363642, Gujarat, INDIA.
Sample forwarding Date:	11 <sup>th</sup> February, 2021
Sample Registration Date:	16 <sup>th</sup> February, 2021
Sample ID :	ET-14796
Number of Samples:	One
Date of Performance of test(s) :	17 <sup>th</sup> February, 2021 - 02 <sup>nd</sup> March, 2021
Sample Particulars :	Tiles Samples-1-Glossy Finish

### TEST RESULTS

Qualitative Assessment of Activity as per IS Z 2801:2019									
Conc of culture Inoculum Escherichia coli CFU/ml = $2.5 \times 10^7$						Inoculum CFU/0.4 ml = $9.3 \times 10^6$			
Conc of culture Inoculum Staphylococcus aureus CFU/ml = $2.4 \times 10^7$						Inoculum CFU/0.4 ml = $2.1 \times 10^6$			
Microorganism	Sample	Contact time	Replicate 1	Replicate 2	Replicate 3	Average No of Bacteria on Sample that recovered from the different replicate	Log of Bacteria on sample	Antimicrobial Activity (R)(log B-C)	Microbial Kill (Percentage)
Staphylococcus aureus ATCC 6538	STD (Film Sample)	Time Zero	$1.4 \times 10^7$	$1.6 \times 10^7$	$1.5 \times 10^7$	$1.5 \times 10^7$	4.17	2.18	99.39 %
	GLOSSY-Tiles Sample		$5.2 \times 10^7$	$5.2 \times 10^7$	$5.5 \times 10^7$	$5.3 \times 10^7$	5.72		
	STD (Film Sample)	24 Hours	$2.1 \times 10^6$	$1.5 \times 10^6$	$1.8 \times 10^6$	$1.8 \times 10^6$	6.23		
	GLOSSY-Tiles Sample		$3.2 \times 10^7$	$1.1 \times 10^9$	$1.5 \times 10^7$	$1.2 \times 10^7$	4.97		
Escherichia coli NCIM 2256	STD (Film Sample)	Time Zero	$1.4 \times 10^7$	$1.6 \times 10^7$	$1.5 \times 10^7$	$1.5 \times 10^7$	5.17	3.61	100 %
	GLOSSY-Tiles Sample		$1.0 \times 10^7$	$1.5 \times 10^7$	$1.8 \times 10^7$	$1.4 \times 10^7$	4.17		
	STD (Film Sample)	24 Hours	$2.1 \times 10^6$	$1.5 \times 10^6$	$1.8 \times 10^6$	$1.8 \times 10^6$	6.23		
	GLOSSY-Tiles Sample		$4.8 \times 10^7$	$4.4 \times 10^7$	$4.2 \times 10^7$	$4.4 \times 10^7$	2.64		

Remark: as per Test Report submitted sample is Germ Free.

*Palish Khatri*

Eco Testing Laboratory  
 Biology Division  
 ATIRA

Signature & Seal of the laboratory In-charge

Page no 1 of 1



# RAK-SANit

HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
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PROTECTED TILES WITH RAK-SANIT GLAZES



🕒 2h.



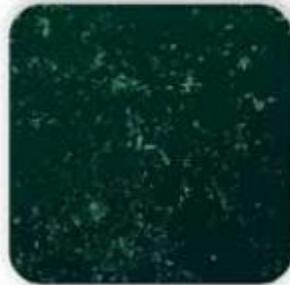
🕒 4h.



🕒 6h.



🕒 8h.



UNPROTECTED TILES WITH REGULAR GLAZES

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
CERAMICS

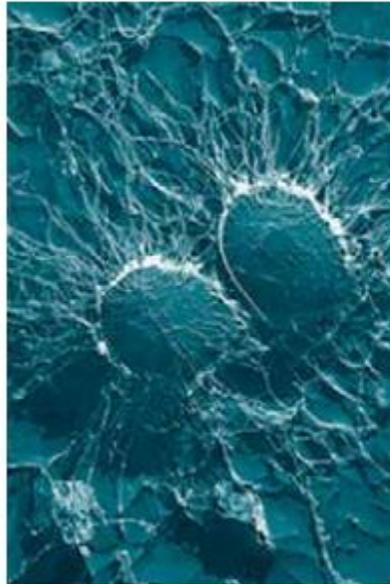
HIGHLY EFFECTIVE  
AGAINST UNWANTED PARTNERS



ESCHERICHIA  
COLI



STAPHYLOCOCCUS  
AUREUS



LISTERIA  
MONOCYTOGENES



SALMONELLA

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
CERAMICS

## A DEEP PROTECTION, INCORPORATED IN THE TILE

This specialised glaze is incorporated into the glaze on the tile during the manufacturing process. The firing of the glaze into the tile at high temperatures creates a surface that inhibits the growth of microbes that come in contact with the tile.

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
CERAMICS

- For Hygienic sensitive areas like Hospitals, pharmaceuticals, food processing, labs, schools, public toilets etc, there is need of anti bacterial surface.
- RAK – SANit provides 99.99 % Bacterial reduction, thereby reducing the chance of Hospital Acquired infection.
- It is effective within 8 hours
- It is permanent protection. As this is not coating on the tiles, it will not wither away during the course of time.

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
CERAMICS

- Anti Bacterial properties are achieved by use of special Silver ions in the glazes during the manufacturing process of the tiles. Thus, this silver ions becomes integral part of the SANit tiles.
- Once bacteria comes into contact with the tiled surface, the silver ions initiate the elimination cycle.
- Silver ions in the antibacterial tile surface bind to enzymes, proteins, cell membranes and the DNA of the microbe to damage DNA and block reproduction. Thus the bacterial is killed resulting in hygienic safe surface.

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
CERAMICS



HOTELS, CONFERENCE  
CENTRES, RESTAURANTS AND  
CANTEENS

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
CERAMICS



LABORATORIES AND MEDICAL  
OFFICES

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
CERAMICS



WELLNESS CENTERS, GYMS,  
POOLS, LEISURE CENTRES

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

**RAK**  
CERAMICS



SCHOOLS, KINDERGARTEN,  
PLAYGROUNDS

**RAK-SANit**  
HEALTHCARE SOLUTIONS

# RAK Ceramics

Superior Technology - Sanit

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PUBLIC BATHROOMS

**RAK-SANit**  
HEALTHCARE SOLUTIONS

RAK  
Barefoot+  
Antislip (A+B+C)



SLIP RESISTANT A+B+C



# BAREFOOT+

AntiSlip (A+B+C)

RAK  
CERAMICS

All products equipped with Barefoot + technology become **anti-slip** in **wet** conditions



SLIP RESISTANT A+B+C



# BAREFOOT+

AntiSlip (A+B+C)

**RAK**  
CERAMICS

Slip-resistance of Tiles in publicly accessible areas are distinguished according to those that are walked over barefoot or in footwear.



SLIP RESISTANT A+B+C



# BAREFOOT+

AntiSlip (A+B+C)

Slip-resistance properties in Commercial Areas :

**Walking method:**

sloping plane

**Assessment groups:**

	Lower limit value	Upper limit value
R9	6°	10°
R10	> 10°	19°
R11	> 19°	27°
R12	> 27°	35°
R13	> 35°	



R9:  
6° – 10°

R10:  
10° – 19°

R11:  
19° – 27°

R12:  
27° – 35°

R13:  
> 35°



# BAREFOOT+

AntiSlip (A+B+C)

Slip-resistance properties in Barefoot Areas :

Classification group	Lower limit value	Upper limit value
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 **A**    12°    18°



 **B**    > 18°    24°



 **C**    > 24°



# BAREFOOT+

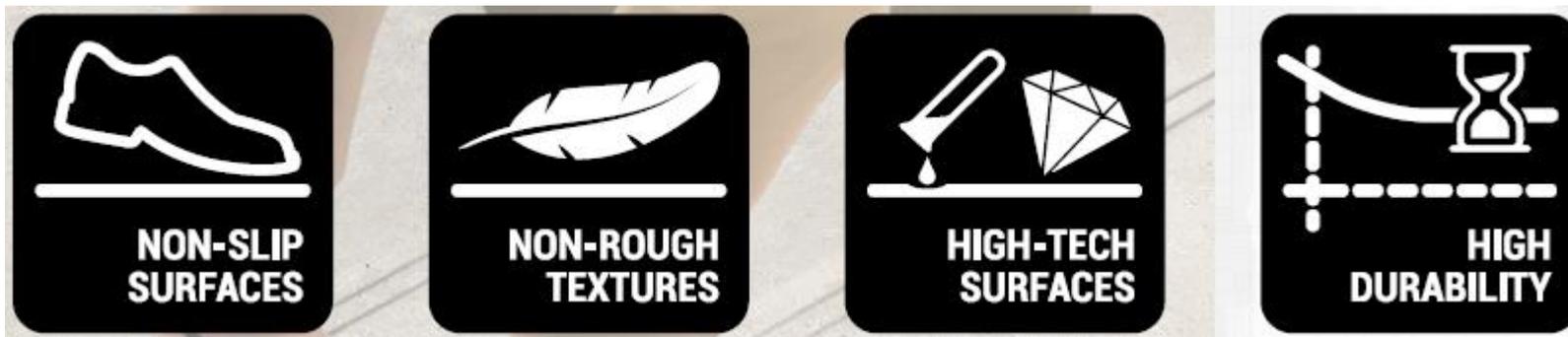
AntiSlip (A+B+C)

**RAK**  
CERAMICS

- Barefoot+ is a product designed to achieve **Non-Slip** surfaces with **High Technical Performances**.
- Special Glass-Ceramic Glaze.
- More pleasant surface texture than traditional Anti Slip Tiles
- Excellent Mechanical Characteristics.



SLIP RESISTANT A+B+C



# BAREFOOT+

AntiSlip (A+B+C)

**RAK**  
CERAMICS

Slip-resistance Results :



Technical Properties :



SLIP RESISTANT A+B+C



# RAK Ceramics

Superior Technology - Barefoot

# RAK

CERAMICS



## FASHION STONE | BORGOGNA | BRYCE

### SIZES AND THICKNESSES

 600x600 mm / 60x60 cm  
600x1200 mm / 60x120 cm  
>|< 9 mm

### TPOLOGY

Vitrified Tiles

### FINISH

Matt

### FASHION STONE COLORS

 Clay  Beige

### APPLICATION AREAS



### BORGOGNA COLORS

 Beige  Greige

### BRYCE COLORS

 Anthracite  Gold



# KLIMA

INNOVATION AND SUSTAINABILITY

**KLIMA**  
INNOVATION AND SUSTAINABILITY

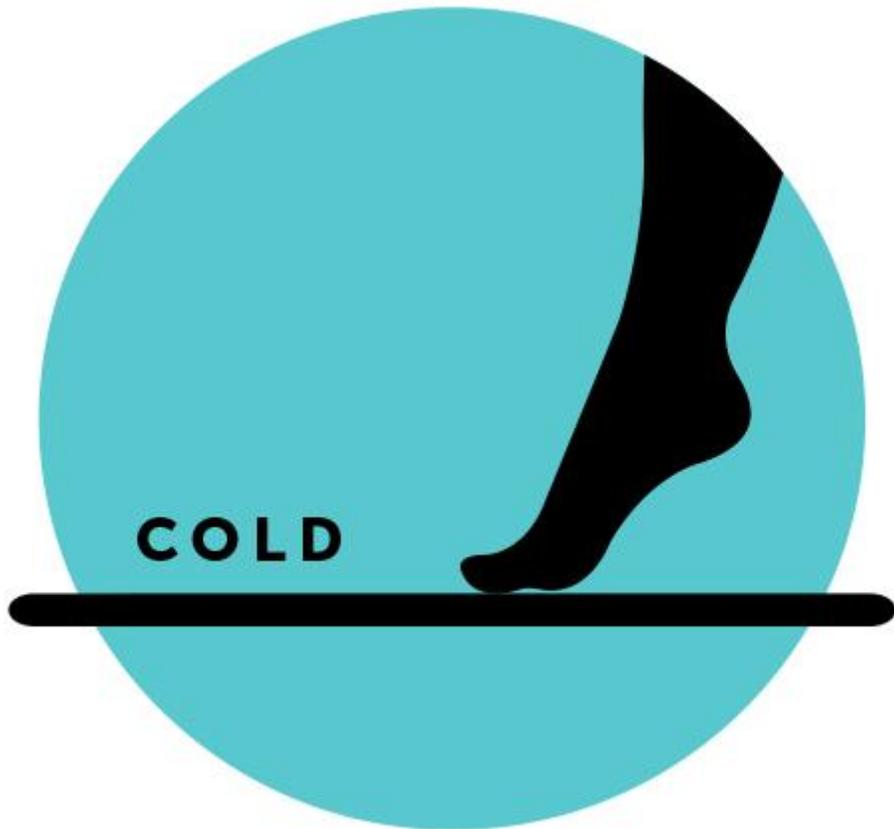
- Heat Adaptive Tiles
- Cool Roof Tiles

**KLIMA**  
INNOVATION AND SUSTAINABILITY

- Heat Adaptive Tiles

- Klima is a new generation Vitrified Tiles that, thanks to special materials, is able to absorb and repel heat according to individual needs.
- Suitable for both indoor and outdoor applications, for flooring or external walls.
- It achieves maximum comfort with minimum energy impact.

**OUTDOOR FLOORING**



When installed on outdoor flooring, Klima repels the heat from sunlight, resisting high temperatures.

Even with significant sun exposure, the surface is not burning hot and floor remains cool and pleasant to walk on with bare feet.

**INDOOR FLOORING**



When applied on indoor flooring, Klima retains room heat and releases it over the entire surface, producing a warmer feel than a standard floor.

Ideal for surfaces that provide a wood-like effect, imparting a warmth and a comfort to be experienced.

**AMBIENT TEMPERATURE**



On External Ventilated Façade or Cladding, during summers, Klima will not allow the heat to transfer inside the building from outside. Also, during Winters, Klima will not allow the heat to dissipate outside the building, thus maintaining the ambient temperature of the building.

Klima helps limit heat dispersion while maintaining a steady indoor temperature. An innovative solution that helps reduce room energy demands.

## Sizes



**KLIMA**  
INNOVATION AND SUSTAINABILITY

## Heat Adaptive Vitrified Tiles



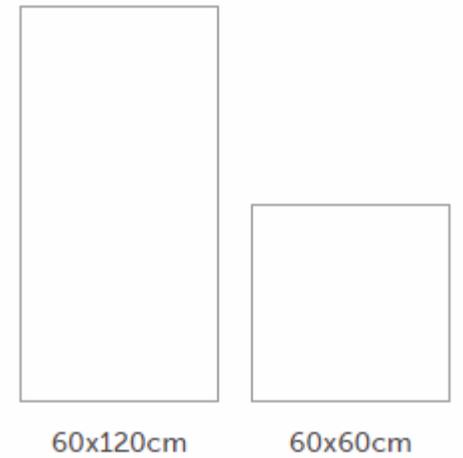
**RAK**  
CERAMICS

Coral Stone 600x1200

## Heat Adaptive Vitrified Tiles



Coral Stone Beige 600x1200



## Heat Adaptive Vitrified Tiles



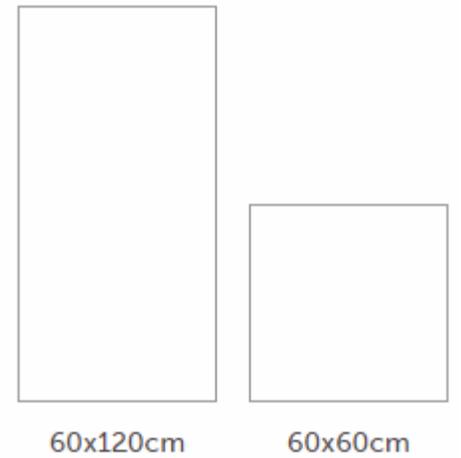
Coral Stone Grey 600x1200



## Heat Adaptive Vitrified Tiles



Coral Stone Ivory 600x1200



## Heat Adaptive Vitrified Tiles



Coral Stone Light Grey 600x1200



**KLIMA**  
INNOVATION AND SUSTAINABILITY

## Heat Adaptive Vitrified Tiles



**RAK**  
CERAMICS

Salento 600x1200

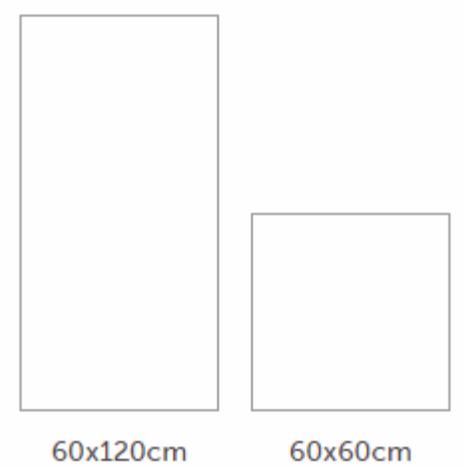
## Heat Adaptive Vitrified Tiles



Salento Beige 600x1200



## Heat Adaptive Vitrified Tiles



Salento Brown 600x1200

## Heat Adaptive Vitrified Tiles



Salento Grey 600x1200





CENTRO DI RICERCA E SPERIMENTAZIONE  
PER L'INDUSTRIA CERAMICA

Bologna, 30/09/2022

*RAK Ceramics Distribution  
Europe S.r.l.  
Via Ferrari Carazzoli, 21  
41042 Fiorano Modenese (MO)*

RESULTS:

Convective Coefficient ( $W m^{-2} K^{-1}$ )	Mean Value of Initial SRI
5 (low-wind conditions)	83
12 (medium-wind conditions)	85
30 (high-wind conditions)	85

Mean value of Initial Solar Reflectance, $\rho$	0.71
Mean Value of Initial Thermal Emissivity, $\epsilon$	0.81

Eng. Barbara Mazzanti  
Technical verification



p. Prof. Maria Chiara Bigozzi  
DIRECTOR



----- End of report -----

# KLIMA

INNOVATION AND SUSTAINABILITY

- Cool Roof Tiles -10mm Thickness

## Sizes



30x30cm

## What is Cool Roof ?

- KLIMA cool roof is a new generation ceramic that thanks to special materials, is able to repel heat. A cool roof is one that reflects most of the incident sunlight and efficiently emits some of the absorbed radiation back into the atmosphere, instead of conducting it to the building below.
- As a result the roof literally stays cooler, with lower surface temperatures, keeping the building at a cooler and more constant temperature. This helps to achieve maximum comfort with minimum energy impact.
- These roofs have higher solar reflectance than a typical roof surface.

### Salient Features

- It has an astonishing Solar Reflective Index (SRI) value greater than 90.
- It is an antiskid tile having slip resistance R10, which is non-slippery and safe to walk on.
- These roofs have higher solar reflectance than a typical roof surface.

### Applications

- Building roofs, Balconies, Exterior façade cladding, Pavements

### Benefits

- Reducing the temperature by 10 to 15 degree Celsius as compared to outdoors.
- Reduce global warming and save electricity
- Better indoor comfort
- Minimize load on cooling appliances.

CEPT Research & Development Foundation,  
Test Report for Solar Reflectance Index (SRI)



TC-7020

ULR-TC702019000000153F

Report No: CRDF/RPT/SRI/464

Report Date: 1<sup>st</sup> October 2019

## 2.1.2 Results of the measurement:

### Solar Direct Reflectance

a Bianco

Sample name	Sample ID	Measurement 1	Measurement 2	Measurement 3	Average
Klima Bianco	SRI/09/19/1465	0.7715	0.7714	0.7714	0.7714

### Emissivity

Sample name	Sample ID	Measurement 1	Measurement 2	Measurement 3	Average
Klima Bianco	SRI/09/19/1465	0.860	0.861	0.861	0.861

### Solar Reflectance Index (SRI) under different wind conditions

Sample name	Sample ID	Solar Reflectance Index (SRI)		
		Low Wind( $h_c=5 \text{ W m}^{-2} \text{ K}^{-1}$ )	Medium Wind( $h_c=12 \text{ W m}^{-2} \text{ K}^{-1}$ )	High Wind( $h_c=30 \text{ W m}^{-2} \text{ K}^{-1}$ )
Klima Bianco	SRI/09/19/1465	95	95	96

### Surface Temperature ( $T_s$ ) under different wind conditions

Sample name	Sample ID	Surface Temperature ( $^{\circ}\text{C}$ )		
		Low Wind( $h_c=5 \text{ W m}^{-2} \text{ K}^{-1}$ )	Medium Wind( $h_c=12 \text{ W m}^{-2} \text{ K}^{-1}$ )	High Wind( $h_c=30 \text{ W m}^{-2} \text{ K}^{-1}$ )
Klima Bianco	SRI/09/19/1465	52.2	46.4	41.7

**NATIONAL CERA LAB**  
CERAMIC LABORATORY

Shop No. 16, 17, Ground Floor, Dariyalal Plaza, Nr. Argil Ceramic, 8-A, N/H, Morbi - 363 642 (Guj.) INDIA. Ph. : 02822 244049, Mo. : 98252 62649, 96622 97005, 98257 99418  
E-mail : nationalceralab@rediffmail.com

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**As per all Countries Export report of Wall, Floor, Vitrified Tiles & Sanitary Wares**

Ref. No. \_\_\_\_\_ Date : \_\_\_\_\_

NC/Unglazed Parking Tile /DIN/RAMP/07/012/2021-22 Issue Date July. 24. 2021

Receive date of test sample 21.07.2021

Issue to  
M/s R.A.K. CERAMICS INDIA PRIVATE LIMITED  
12, Dhanraj Chambers, 1st Floor, C/o. Hari Krishna Glaze Centre  
8A N.H., Nera Kuber Cinema , Morbi; Gujarat; India

SAMPLE DESCRIPTION & NAME Unglazed Parking Tiles "First Grade", Nominal size 300x300x9.5 mm mm (Rectified) as submitted by the party. Sample not drawn by National Cera Lab.

Design Name - KALIMA BLANCO

TEST DESIRED: ISO 13006 : 2018 ( Group B I a ) ANNEX - G

1 CO-EFFICIENT OF FRICTION ( ANTI SLIP TEST ) "RAMP TEST"

Note Party submitted sample size 300x300 mm four and 300x200mm four sample Tiles.

CO-EFFICIENT OF FRICTION ( ANTI SLIP TEST ) "RAMP TEST"

TEST METHOD As per Standard DIN 51130 : 2014 - 2 & ISO 10545 - 17

STANDARD LIMIT	CORRECTED MEAN OVERALL ACCEPTANCE ANGLE	SLIP RESISTANCE CLASS
S - I 5.7° - 11.7°	6° UP TO 10°	R 9
S - II 14.3° - 20.3°	OVER 10° UP TO 19°	R 10
	OVER 19° UP TO 27°	R 11
S - III 24.3° - 30.3°	OVER 27° UP TO 35°	R 12
	OVER 35°	R 13

Sr No	Sample Name	Measured Value	Average Value	Class
1	300x300x9.5 mm Unglazed Parking Tiles	(1) 9.9° ,(2) 10.2° ,(3) 10.5° (4) 10.8°	10.4°	R 10

Verify by Nimesh J. Kavar  For National Cera Lab  
Testing Engineer

Name of Authorised signatory : J.M. Kavar   
Designation of signatory : Technical Manager

  
24/7/2021

**RAK**  
**THROUGH BODY VEINING**  
Slabs as real as natural marble

# THROUGH BODY VEINING

Slabs as real as natural marble



**RAK**  
CERAMICS



Through-Body Veining

# THROUGH BODY VEINING

Slabs as real as natural marble

**RAK**  
CERAMICS



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Slabs as real as natural marble

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CERAMICS



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CERAMICS



# THROUGH BODY VEINING

Slabs as real as natural marble

**RAK**  
CERAMICS

- Through-Body Veining is RAK Ceramics' innovative breakthrough in reproducing natural marble and stone veins that pass through the thickness of the slab's body.
- This technology gives slab a unique design feature, having a consistent marble veining, from the surface to the body until the base - a total synchronization.

# THROUGH BODY VEINING

Slabs as real as natural marble

**RAK**  
CERAMICS

## No Two are Alike

- With the use of advanced printing technology, the design repetition is minimized resulting to mesmerizing geometric patterns and creative random motifs.

# THROUGH BODY VEINING

Slabs as real as natural marble

**RAK**  
CERAMICS

## Product sizes

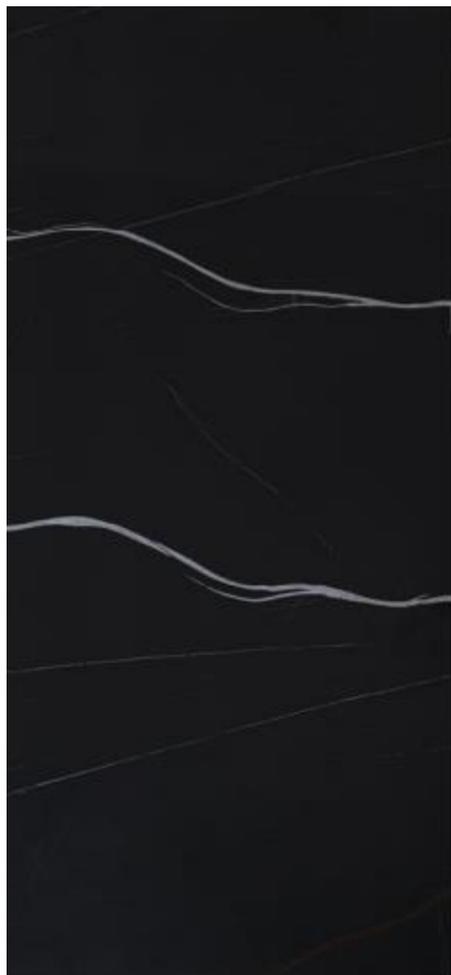
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# THROUGH BODY VEINING

Slabs as real as natural marble

**RAK**  
CERAMICS



SAINT LORENT



VIAREGGIO



GRIGIO VENATO



PIASENTINA XL

**RAK**

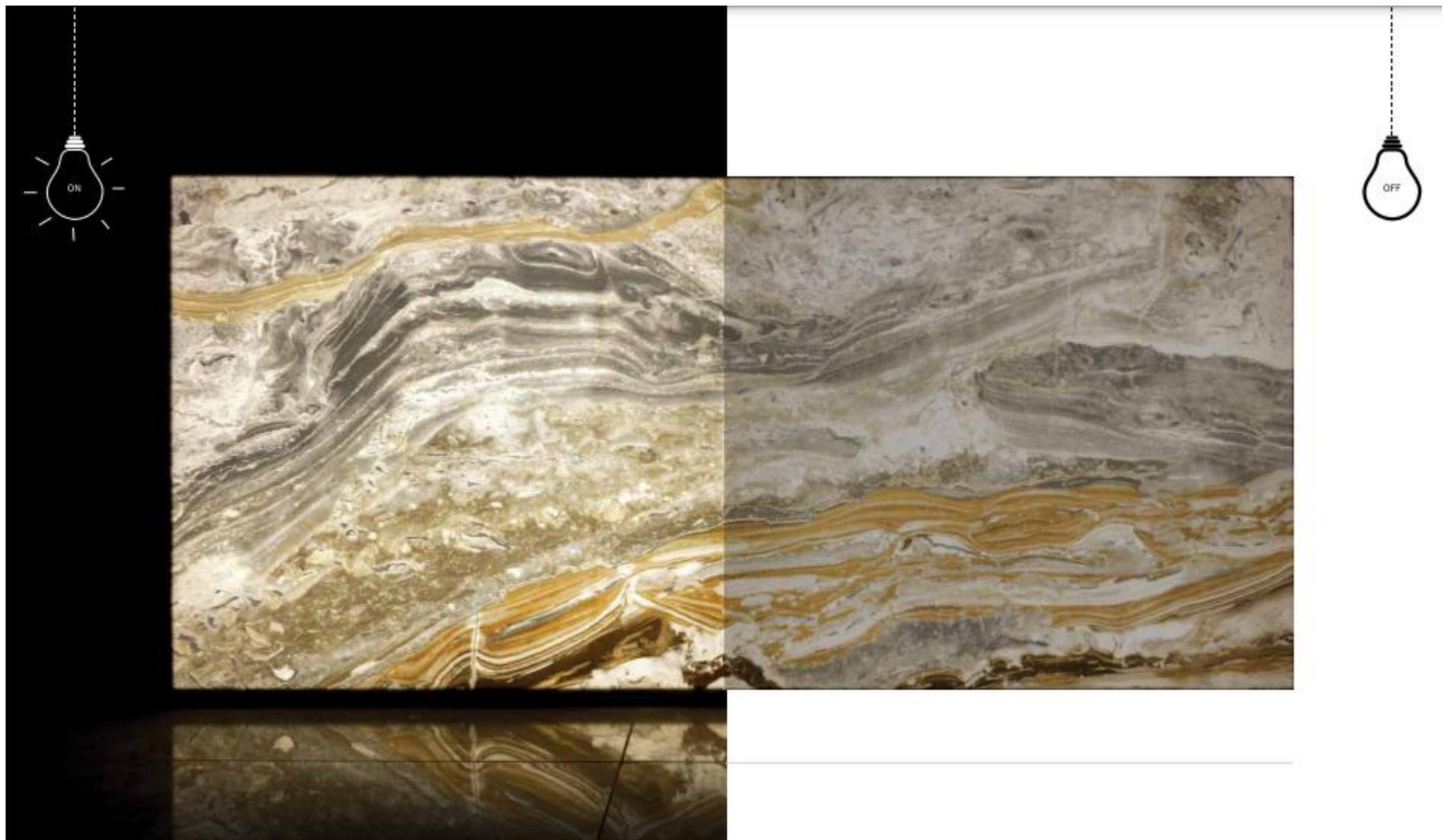
**LUCE**

Translucent Tiles for Special Environments

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS



# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS

Light becomes a design tool in the hands of the designer and through elegant surfaces contributes to enrich special environments, making them magical.

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS



# LUCE

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RAK  
CERAMICS



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CERAMICS



# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS

- The translucent body of Luce is made with a very high purity of raw materials containing special and high quality clays and feldspars.
- As the body is pure white, the ink development is more advanced than other products.
- When illuminated, Luce's special body gives a soft glow and really transforms the design from a plain tile to a soft natural marble.
- Size : 1200x2600 mm
- Thickness : 6mm

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS

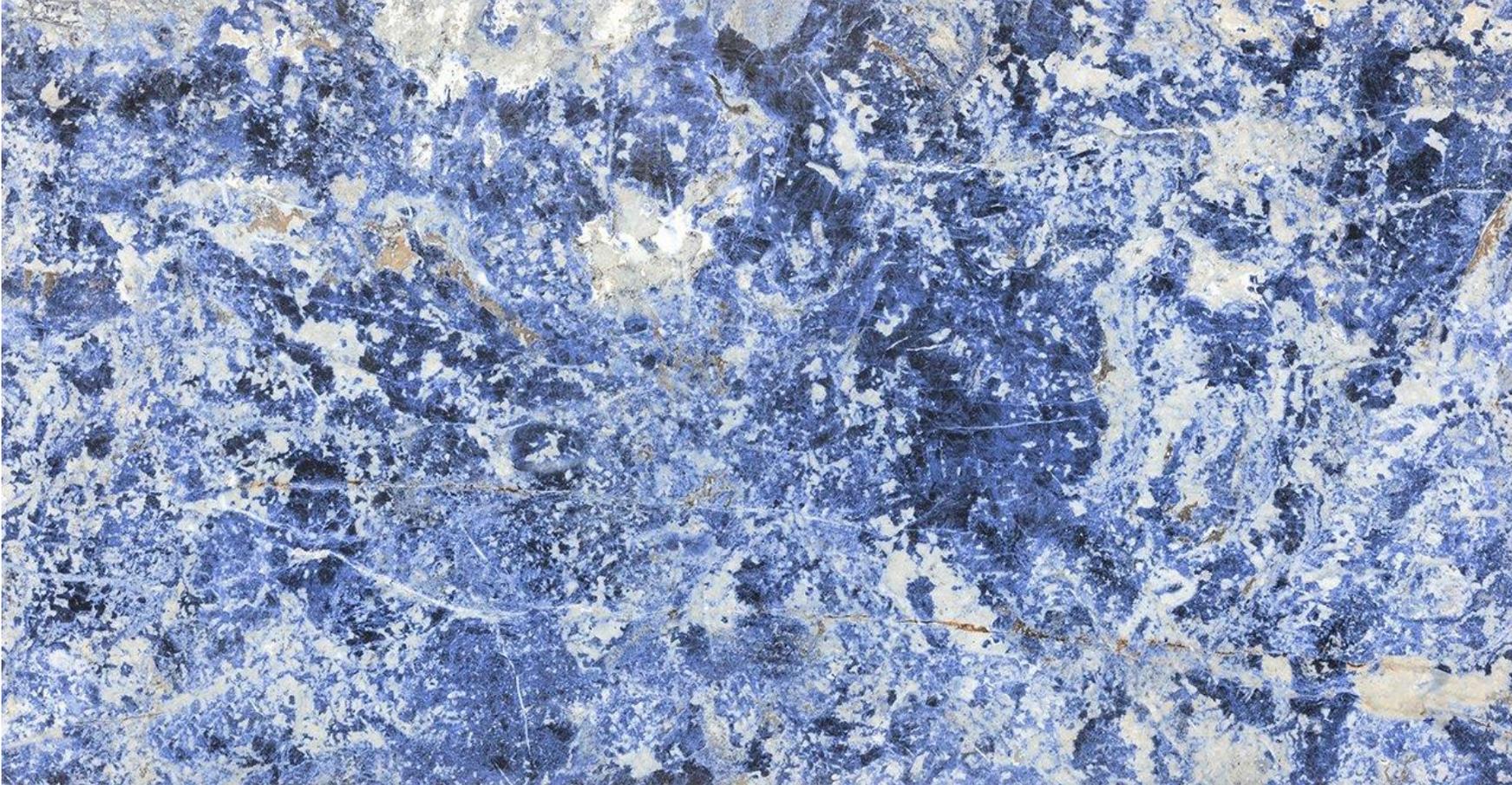


7 different graphics and colors in marble and onyx effect, that replicate the natural ability of the stones to filter the light.

# LUCE

Translucent tiles for special environments

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CERAMICS



Luce Bahia Azul 120x160 ATB62LUCEBAZZHSC6P

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS

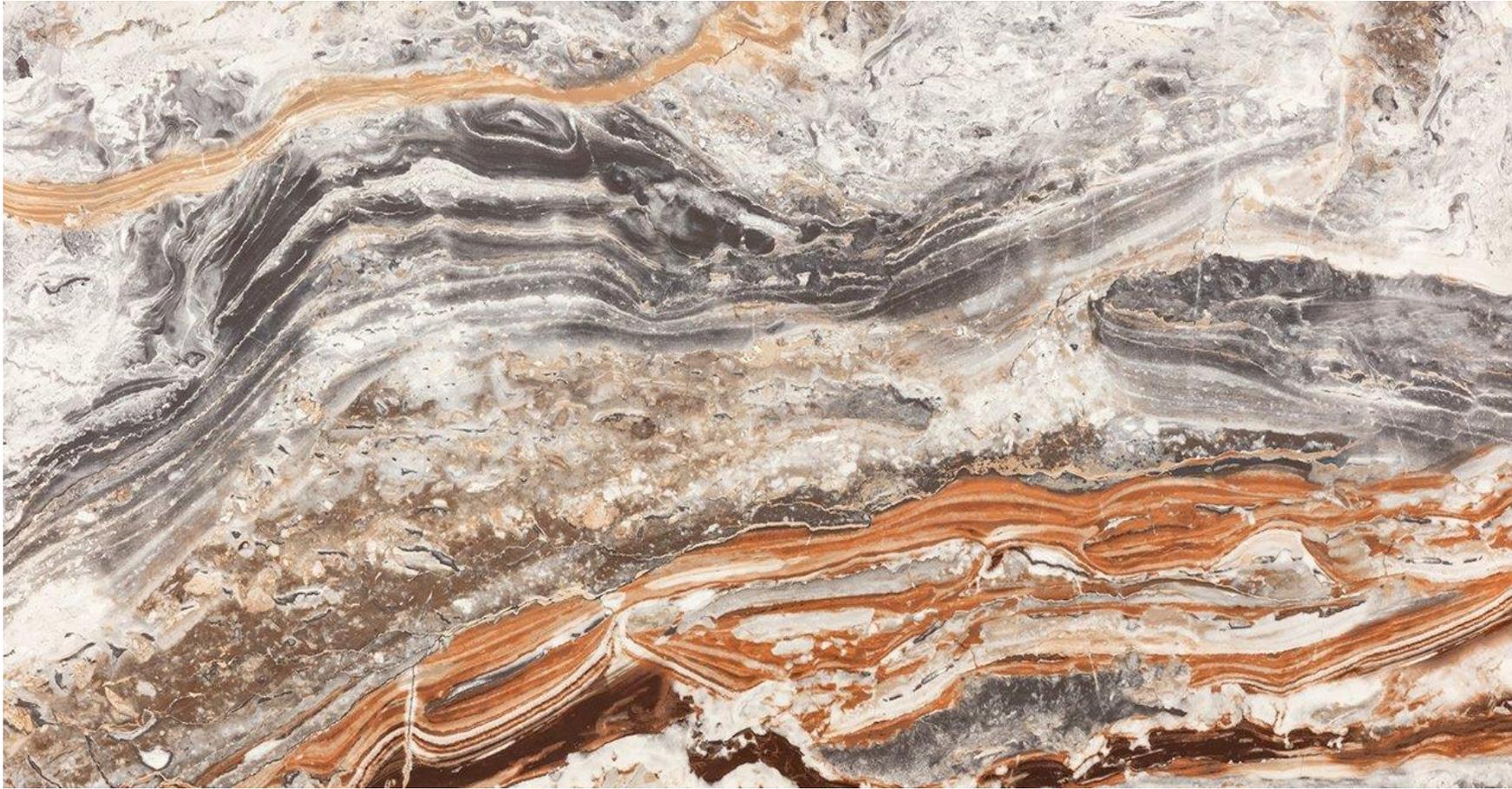


Luce Marble White 120x260

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS

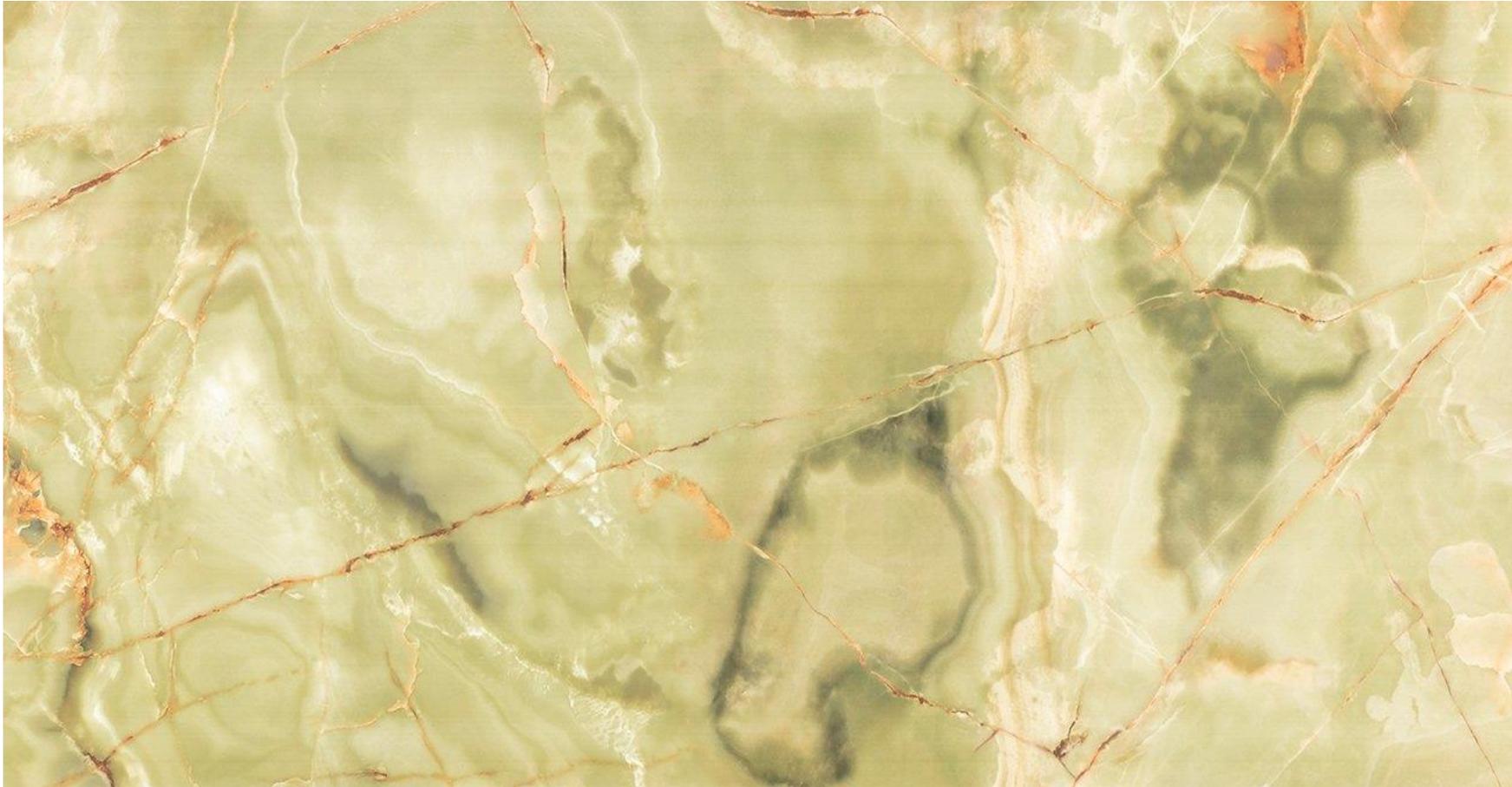


Luce Onyx Harlequin ATB62LUCEOHNZHSC6P

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS



Luce Onyx Green Jade ATB62LUCEOGJZHSC6P

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS



Luce Onyx Ivory 120x260 ATB62LUCEOIVZHSC6P

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS



Luce Onyx Arco Red 120x260 ATB62LUCEOARZHSC6P

# LUCE

Translucent tiles for special environments

**RAK**  
CERAMICS



Luce Onyx White 120x260 ATB62LUCEONYZHSC6P

**RAK**  
**IGNEOUS**

**IGNEOUS**

# RAK Igneous

- ❑ RAK introduces Igneous having Moh's scale of hardness 9. This means that it will be scratched by Diamond only.
- ❑ This is GVT surface available in 600x600.
- ❑ Suitable for both commercial and residential application.

# RAK Igneous

## Mohs Hardness Scale

	Mineral Name	Scale Number	Common Object
↑ Increasing Hardness	 → Diamond	10	
	 → Corundum	9	 Masonry Drill Bit (8.5)
	Topaz	8	
	 → Quartz	7	 Steel Nail (6.5)
	Orthoclase	6	
	Apatite	5	 Knife/Glass Plate (5.5)
	 → Fluorite	4	 Copper Penny (3.5)
	Calcite	3	
	Gypsum	2	 Fingernail (2.5)
	 → Talc	1	

**IGNEOUS**

# RAK Igneous

- Moh's scale of hardness is a qualitative scale developed to measure the relative scratch resistance level.
- It is a scale of 1-10
- 10 represents highest scratch resistance level and 1 represents lowest scratch resistance level.
- Material having higher scratch resistance level will scratch the material which is having lower scratch resistance level.
- Hardest material is diamond and its Moh's scale of hardness is 10.

Outdoor Collection

**AARON 600X1200X15 MM**

# RAK Aaron 600x1200x15 MM

**RAK**  
CERAMICS



- ❑ Slip Resistance : R10
- ❑ Resistant to Sunlight & Fading
- ❑ Highly Durable
- ❑ Suitable for Outdoor applications – pools, parking, heavy commercial area, etc



# RAK Aaron 600x1200x15 MM

**RAK**  
CERAMICS

## SIZES AND THICKNESSES



600x1200 mm / 60x120 cm  
**>|< 15 mm**

## TPOLOGY

Vitrified Tiles

## FINISH

Matt

## COLORS



Black



Brown

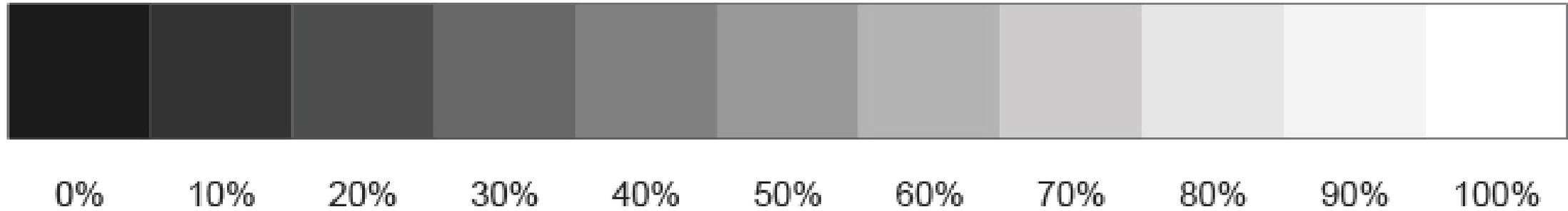
## APPLICATION AREAS



# L VALUES

# L Values

## LRV Scale



L Values indicates the level of reflecting brightness thereby giving comparatively more contrast to the surrounding.

IMAGINE  
YOUR SPACE



**RAK**  
CERAMICS

**RAK**  
CERAMICS

World's Leading Tile Manufacturer  
TILE • SANITARYWARE • FAUCETS

Thank You