

SIGNATURE COLLECTION

SIGNATURE COLLECTION

F. SIGNATI IRE COLLECTION CATALOGLIE | GRIS | 172025



#### **INDEX**

#### **SPECIAL SURFACES**

COLLECTION

#### CASHMERE

6 ADONIS

8 AMIEK

10 STATUARIO NUVO

12 JUNO

14 CLASSIC CALACATTA

16 MONTALE

18 NOMIN

20 UMBRELLA

22 DABLAM

24 AMSTER

26 MURRAY

28 KERAMIEK

30 LAMINA

32 BALTIA

34 CADMIRA

#### **PAJAS**

36 NUANCE

38 LUSSO

40 CINNAMON

42 RUBIS

#### **TASAR**

44 LIMOGES

46 COLETON

#### MUGA

48 ANEMOS

50 ESSEN

#### ERI

52 OPULENCE

54 ALABESTRINO

CELBRIDGE

58 MARGOLIN

#### **LUCENT GLOSSY**

60 LUXE

62 POMONA

64 TERAZZO VENEZIA

66 MEDALLIONE

68 MOUNTAIN FLORA

70 BOREAS

72 FLORENTINA

#### **LUCENT MATT**

74 JOELLE

76 VOLGA

78 IMOGAN

80 TRAVERTINO ROMANO

32 TANBRIDGE

84 CIPOLLINA

86 ARTE TERAZZO

88 MONTESTONE

90 CLARA

2 MIRRELA

# EMIRATI COLLECTION

#### **ABSOLUTE MATT**

96 MANCHAS

98 REDOX

100 EASTON

102 MAKOTA

#### **GRANITOID**

104 ALAMO

106 ELYSIAN

108 VERMILION

#### **SLATE PUNCH**

110 STONE

112 BAKERSFIELD

114 WILLSTONE

116 CRISTO

118 HALLFILED

120 SAMARA

#### **RETTILINEO PUNCH**

122 RETTILINEO

124 RETTILINEO

#### FRAGMENT PUNCH

126 APPLIQUE

128 SHIRO

130 SHIRO

#### **OYSTERSILK**

132 MARGAS

134 ASTORIA

136 GRANAS

#### WOLFRAM

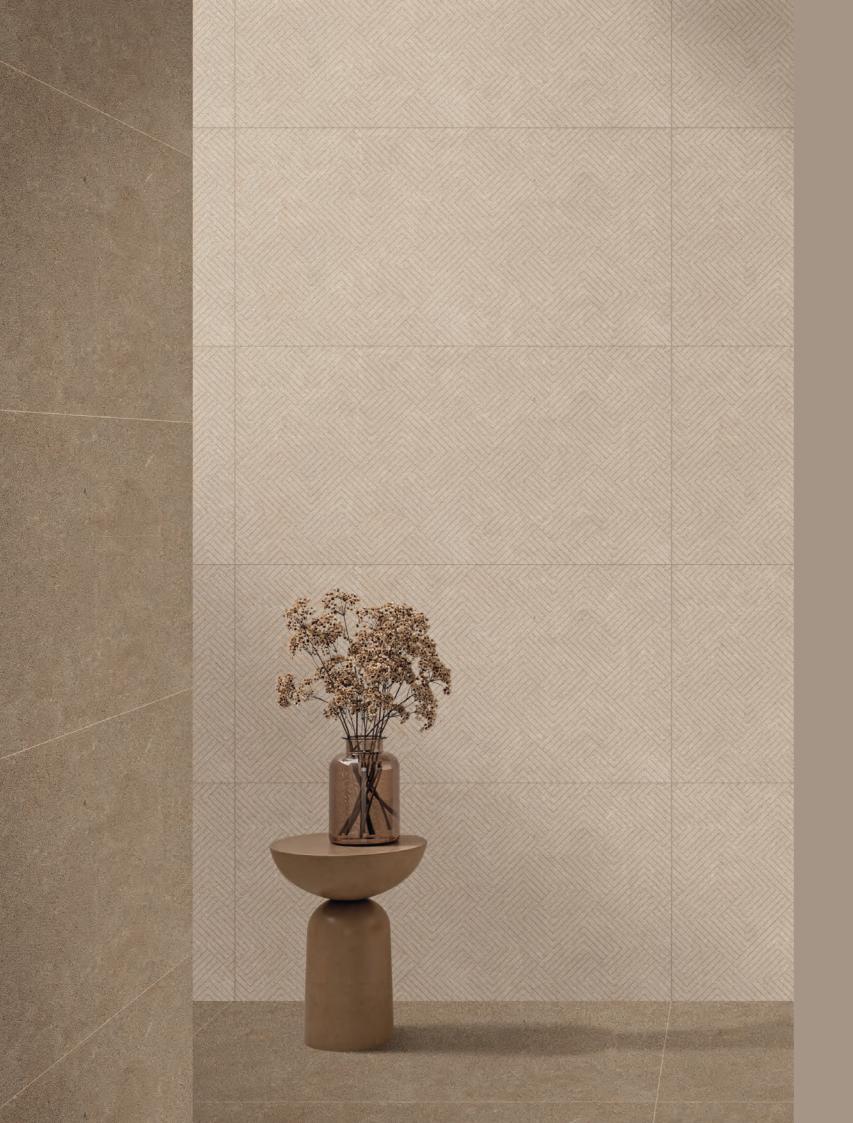
138 AFYON

140 RABBIT

142 PAROS

144 COLORADO

146 LUCA



# SPECIAL SURFACES

# **ADONIS**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



adonis white

SIZES

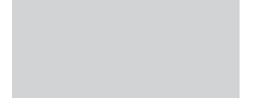












Size(mm)	Thickness(mm)	
600x1200	9	



# **AMIEK**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural





amiek white

SIZES

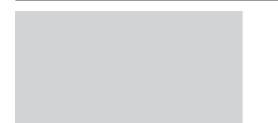












Size(mm)	Thickness(mm)
600x1200	9



## **STATUARIO NUVO**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



statuario nuvo white

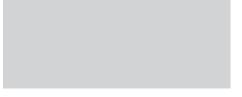












Size(mm)	Thickness(mm)
600x1200	9



# **JUNO**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



juno white















Size(mm)	Thickness(mm)	
600x1200	9	



#### Wall: classic calacatta 600x1200mm Floor: classic calacatta 600x1200mm

## **CLASSIC CALACATTA**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



classic calacatta











SIZES



Size(mm)	Thickness(mm)
600x1200	9



#### Wall: montale bianco 600x1200mm Floor: montale bianco 600x1200mm

# **MONTALE**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



montale bianco

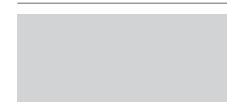












SIZES

Size(mm)	Thickness(mm)
600x1200	9



#### Wall: nomin bianco 600x1200mm Floor: nomin bianco 600x1200mm

# **NOMIN**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



nomin bianco



nomin ivory















Size(mm)	Thickness(mm)
600x1200	9



#### Wall: umbrella beige 600x1200mm Floor: umbrella beige 600x1200mm

## **UMBRELLA**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



umbrella beige



umbrella light beige



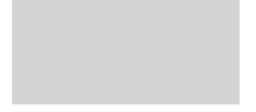












Size(mm)	Thickness(mm)	
600x1200	9	



## **DABLAM**

#### VITRIFIED TILES

Matt • Rectified • Light Structure • Natural







dablam beige

dablam light beige



dablam bianco

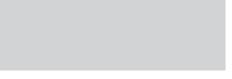








SIZES



Size(mm)	Thickness(mm)	
600x1200	9	



## **AMSTER**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural





amster beige



amster light beige







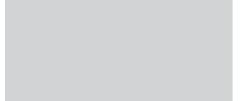






SIZES

24



Size(mm)	Thickness(mm)	
600x1200	9	

Wall: amster beige 600x1200mm Floor: amster beige 600x1200mm



27

# **MURRAY**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



murray beige



murray grey



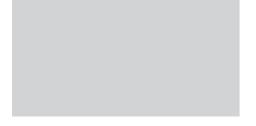












Size(mm)	Thickness(mm)	
600x1200	9	





## **KERAMIEK**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



keramiek grey

SIZES

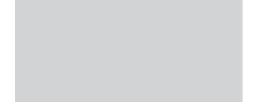












Size(mm)	Thickness(mm)
600x1200	9



#### Wall: lamina grey 600x1200mm Floor: lamina grey 600x1200mm

# **LAMINA**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



lamina grey













Size(mm)	Thickness(mm)
600x1200	9



#### Wall: baltia grey 600x1200mm Floor: baltia grey 600x1200mm

# **BALTIA**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



baltia grey



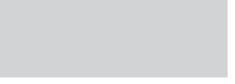








SIZES



Size(mm)	Thickness(mm)
600x1200	9



#### Floor: cadmira brown 600x1200mm

## **CADMIRA**

VITRIFIED TILES

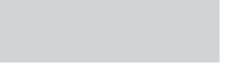
Matt • Rectified • Light Structure • Natural



cadmira brown











# **NUANCE**

VITRIFIED TILES



nuance bianco

SIZES













Size(mm)	Thickness(mm)
600x1200	9



# **LUSSO**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



lusso dark grey



lusso light grey

SIZES



Size(mm)	Thickness(mm)
600x1200	9

Wall: lusso light grey 600x1200mm Floor: lusso dark grey 600x1200mm



38 RAK CERAMICS | 2025

## **CINNAMON**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



cinnamon brown

SIZES

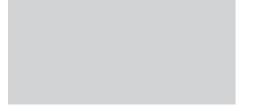




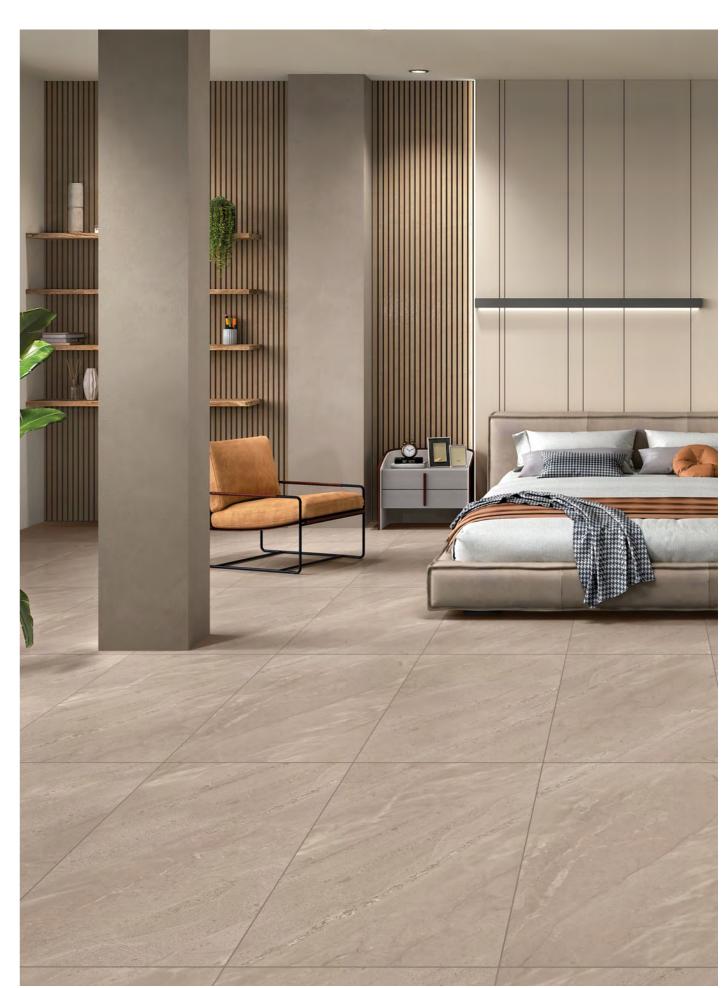








Size(mm)	Thickness(mm)
600x1200	9



SURFACE FINISH: PAJAS

#### Floor: rubis red 600x1200mm

# **RUBIS**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



rubis red













600x1200





#### Wall: limoges bianco 600x1200mm Floor: limoges bianco 600x1200mm

# **LIMOGES**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



limoges bianco

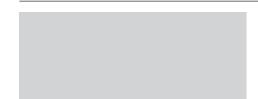












SIZES

44

Size(mm)	Thickness(mm)
600x1200	9



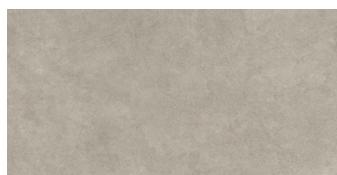
#### Wall: coleton light grey 600x1200mm Floor: coleton light grey 600x1200mm

## **COLETON**

#### VITRIFIED TILES

Matt • Rectified • Light Structure • Natural









coleton grey





coleton light grey

SIZES

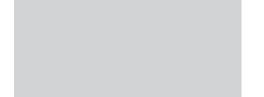
coleton mid grey











Size(mm) Thickness(mm) 600x1200



## **ANEMOS**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural











anemos dark grey



anemos greige



anemos ivory



anemos white

SIZES









Size(mm)	Thickness(mm)
600x1200	9



#### Wall: essen grey 600x1200mm Floor: essen grey 600x1200mm

## **ESSEN**

#### VITRIFIED TILES

Matt • Rectified • Light Structure • Natural







essen grey

SIZES

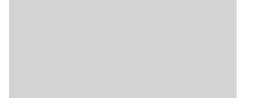
essen beige











Size(mm)	Thickness(mm)
600x1200	9













Wall: opulence ivory 600x1200mm Floor: opulence ivory 600x1200mm

## **OPULENCE**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



opulence ivory



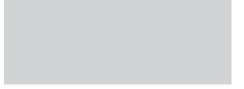












Size(mm)	Thickness(mm)
600x1200	9



## **ALABESTRINO**

VITRIFIED TILES







alabestrino light grey

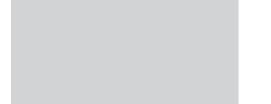
SIZES











Size(mm)	Thickness(mm)
600x1200	9





57

## **CELBRIDGE**

#### VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



celbridge grey



celbridge light grey









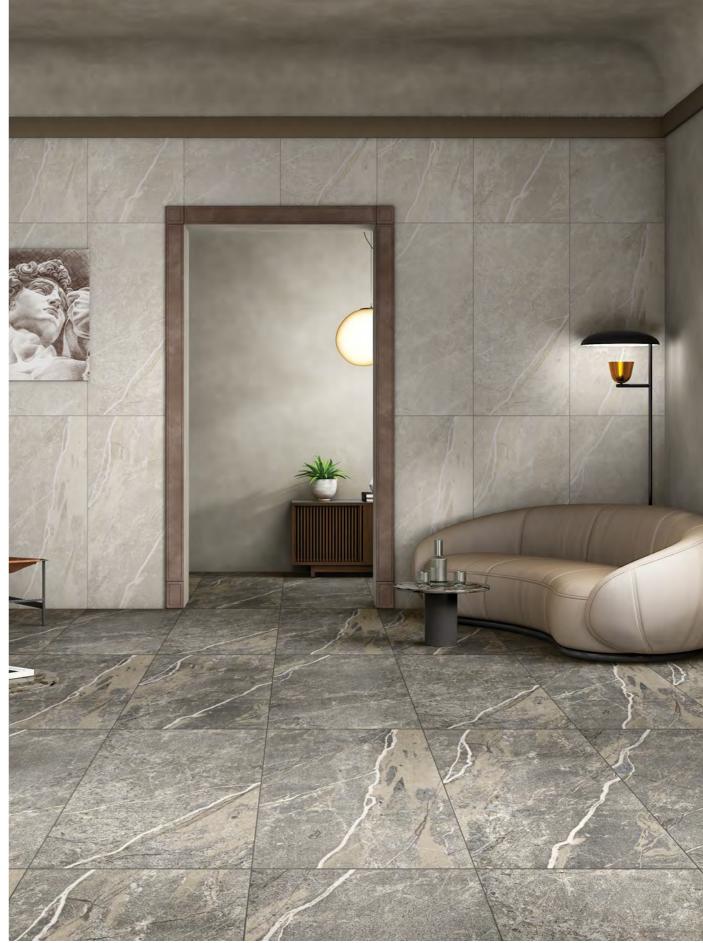




56

5: ( )	
Size(mm)	Thickness(mm)
600x1200	9





## **MARGOLIN**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



margolin grey

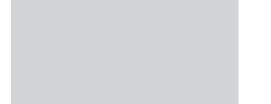
SIZES











Size(mm) Thickness(mm) 600x1200



# **LUXE**

#### VITRIFIED TILES

Glossy • Rectified • Heavy Structure • Polished



luxe white



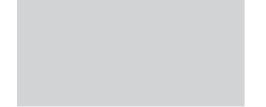












Size(mm)	Thickness(mm)	
600x1200	9	





## **POMONA**

#### VITRIFIED TILES

Glossy • Rectified • Heavy Structure • Polished

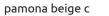






pamona beige b







pamona beige d













SIZES

62



Size(mm)	Thickness(mm)
600x1200	9



## **TERAZZO VENEZIA**

VITRIFIED TILES

Glossy • Rectified • Heavy Structure • Polished



terazzo venezia grey

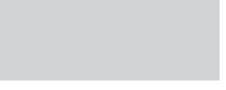








SIZES



Size(mm)	Thickness(mm)
600x1200	9



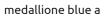
## **MEDALLIONE BLUE**

VITRIFIED TILES

Glossy • Rectified • Heavy Structure • Polished









medallione blue b



medallione blue c

SIZES

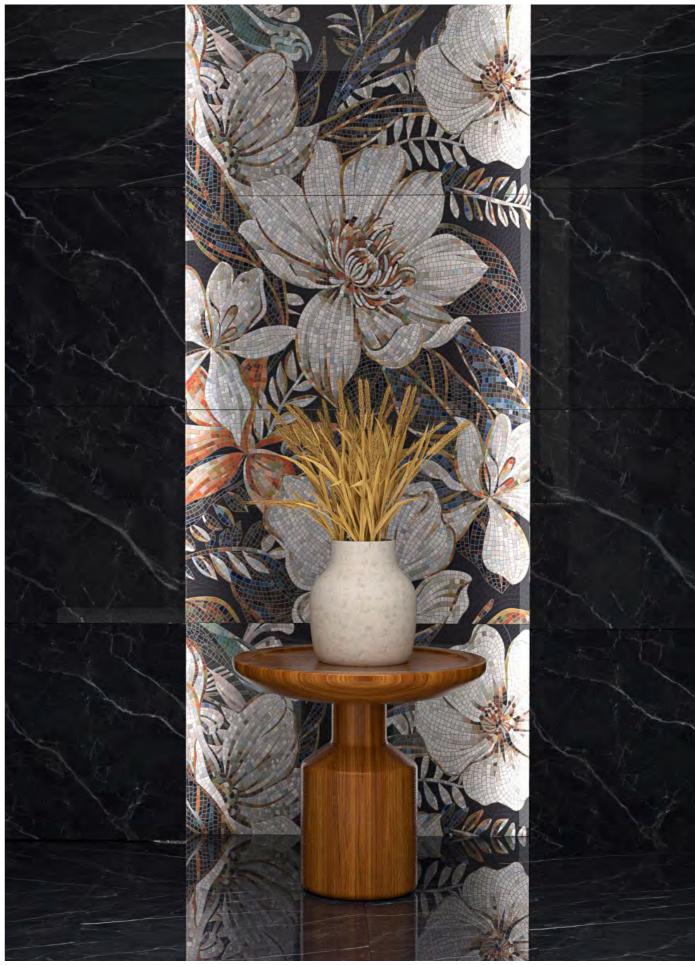












## **MOUNTAIN FLORA BLUE**

VITRIFIED TILES

Glossy • Rectified • Heavy Structure • Polished



mountain flora blue

SIZES











Size(mm)	Thickness(mm)
600x1200	9

### Wall: boreas brown decor & boreas brown 600x1200mm Floor: boreas brown 600x1200mm

71

## **BOREAS**

#### VITRIFIED TILES

Glossy • Rectified • Heavy Structure • Polished



boreas brown decor



boreas brown













Size(mm)	Thickness(mm)
600x1200	9



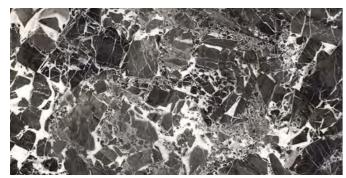


73

## **FLORENTINA**

VITRIFIED TILES

Glossy • Rectified • Heavy Structure • Polished



florentina black













600x1200

Size(mm)	Thickness(mm)



75

# **JOELLE**

#### VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



joelle white decor



joelle white



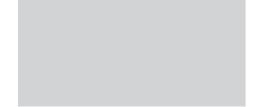




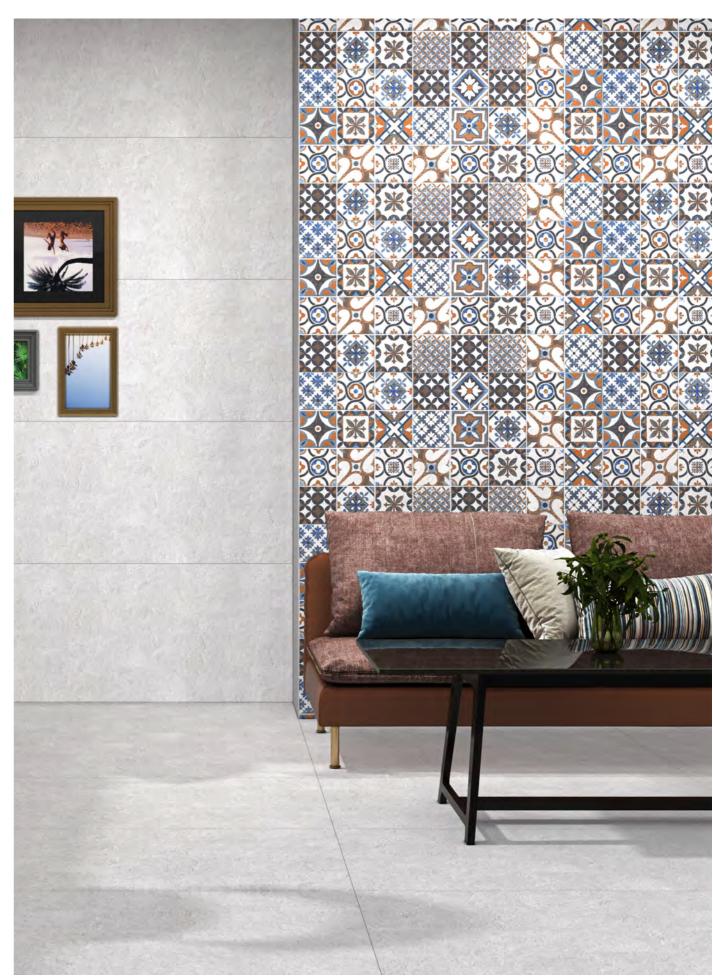








Size(mm)	Thickness(mm)	
600x1200	9	



### Wall: volga marble white 600x1200mm Floor: volga marble white 600x1200mm

# **VOLGA**

#### VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



volga marble white

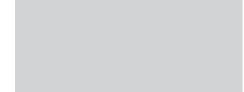












SIZES

Size(mm)	Thickness(mm)
600x1200	9

# **IMOGAN**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



imogan beige

SIZES

78

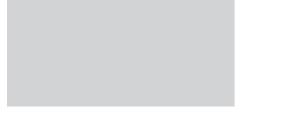












Size(mm)	l hickness(mm)
600x1200	9





# **TRAVERTINO ROMANO**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



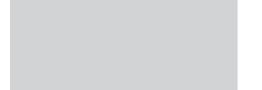
travertino romano beige











SIZES

Size(mm)	Thickness(mm)
600x1200	9



## **TANBRIDGE**

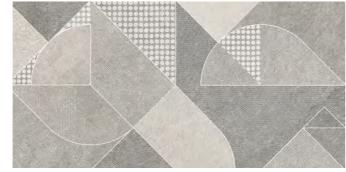
#### VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural





tanbridge decor f1



tanbridge decor f2



tanbridge bianco



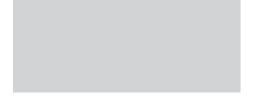












Size(mm)	Thickness(mm)
600x1200	9



## **CIPOLLINA**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



cipollina verde



cipollina light grey















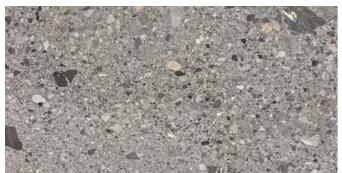




## **ARTE TERAZZO**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



arte terazzo grey







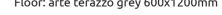


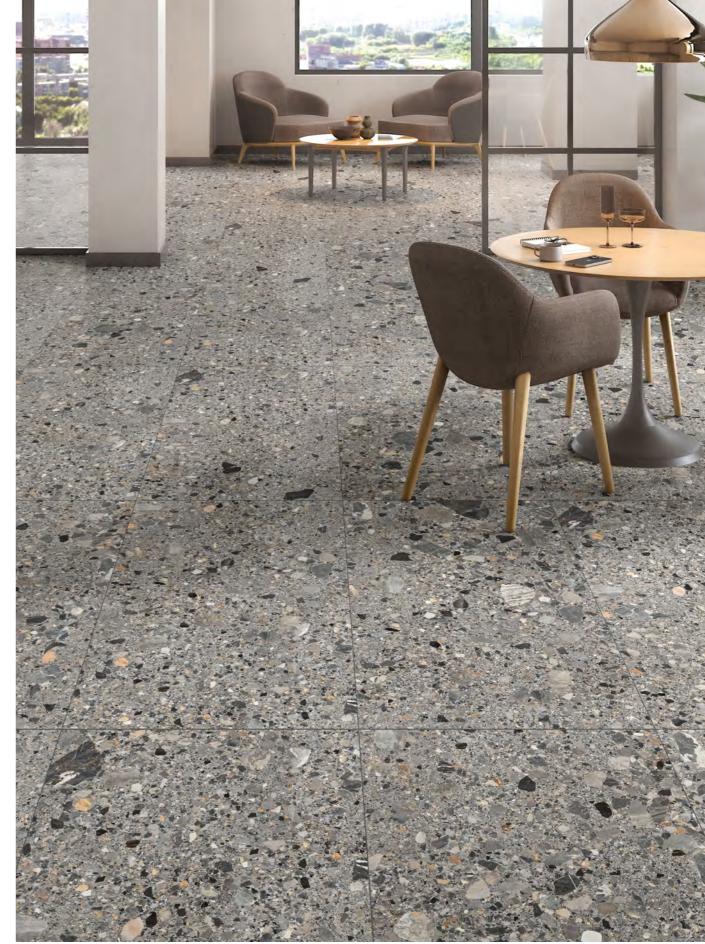




SIZES

Size(mm)	Thickness(mm)
600x1200	9





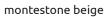
# **MONTESTONE**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural









montestone black



montestone light beige



montestone light grey



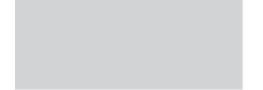












Size(mm)	Thickness(mm)
600x1200	9



SURFACE FINISH: LUCENT MATT

#### Wall: clara brown 600x1200mm

# **CLARA**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



clara brown

SIZES











Size(mm)	Thickness(mm)
600x1200	9

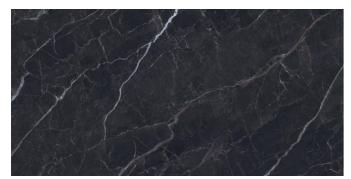


### Wall: mirrela black 600x1200mm Floor: mirrela black 600x1200mm

## **MIRRELA**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



mirrela black

SIZES













Size(mm)	Thickness(mm)
600x1200	9







# **MANCHAS**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural





manchas beige

SIZES

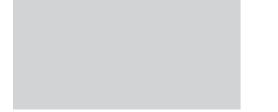












Size(mm)	Thickness(mm)
600x1200	9



Wall: redox light grey 600x1200mm Floor: redox light grey 600x1200mm

# **REDOX**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



redox beige



redox light grey















Size(mm)	Thickness(mm)
600x1200	9



#### Wall: easton light grey 600x1200mm Floor: easton light grey 600x1200mm

### **EASTON**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



easton light grey









SIZES

100

Size(mm)	Thickness(mm)
600x1200	9

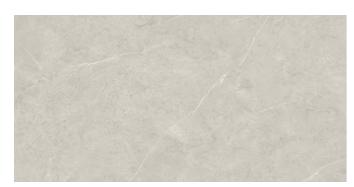


# **MAKOTA**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural





makota light grey



makota grey



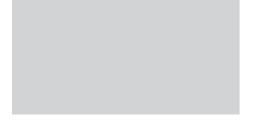












Size(mm)	Thickness(mm)
600x1200	9



# **ALAMO**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



alamo sand beige













Size(mm)	Thickness(mm)
600x1200	9



### Wall: elysian beige 600x1200mm Floor: elysian beige 600x1200mm

## **ELYSIAN**

#### VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural









elysian grey





elysian light grey

elysian nero

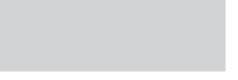


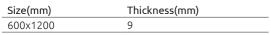














### Wall: vermilion red 600x1200mm Floor: vermilion red 600x1200mm

# **VERMILION**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



vermilion red

SIZES

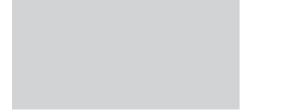












Size(mm)	Thickness(mm)
600x1200	9



111

# **STONE**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural





stone azul



stone white

SIZES

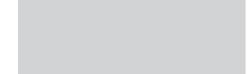












Size(mm)	Thickness(mm)
600x1200	9



## **BAKERSFIELD**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural







bakersfield gris



bakersfield grey



bakersfield bianco

SIZES



bakersfield beige









Size(mm)	Thickness(mm)
600x1200	9



# **WILLSTONE**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural





willstone beige



willstone brown















Size(mm)	Thickness(mm)
600x1200	9



Wall: cristo beige 600x1200mm Floor: cristo beige 600x1200mm

117

# **CRISTO**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



cristo beige

SIZES

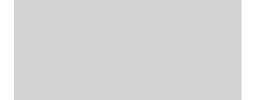




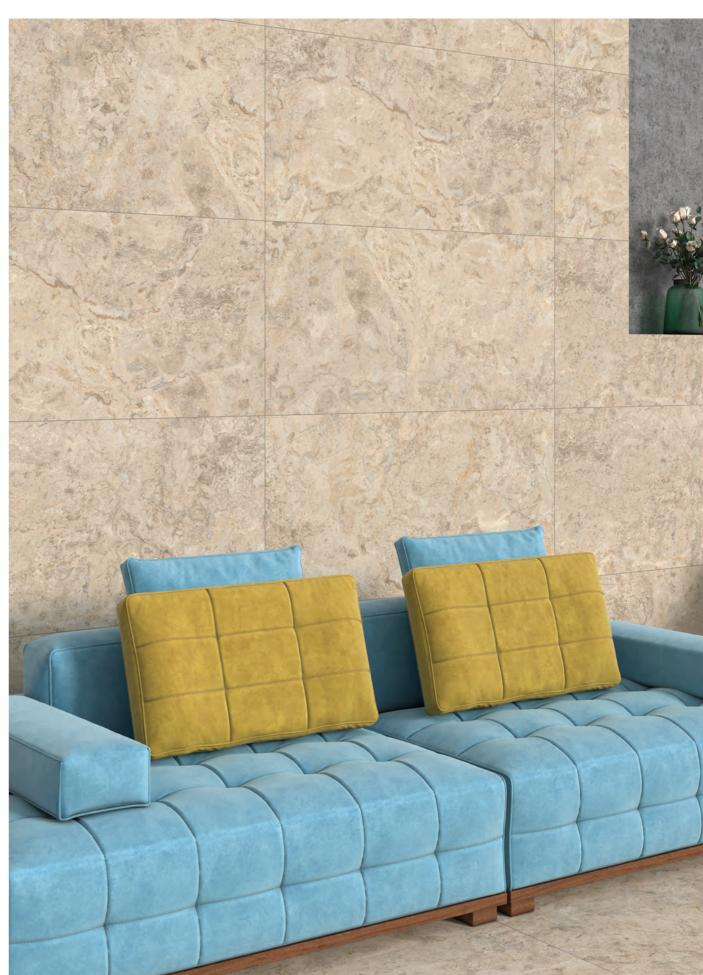








Size(mm)	Thickness(mm)	
600x1200	9	



## **HALLFILED**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural









hallfiled light grey



hallfiled mid grey











SIZES





### Wall: samara light grey 600x1200mm Floor: samara dark grey 600x1200mm

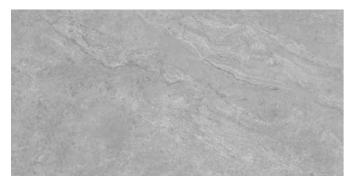
## **SAMARA**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



samara light grey



samara dark grey

















## **RETTILINEO**

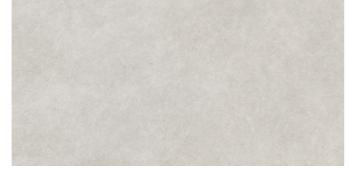
VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural





rettilineo grey decor



rettilineo grey



rettilineo taupe decor



rettilineo taupe



rettilineo statuario decor



rettilineo statuario

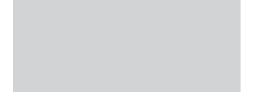
SIZES











Size(mm)	Thickness(mm)
600x1200	9



122

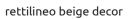
## **RETTILINEO**

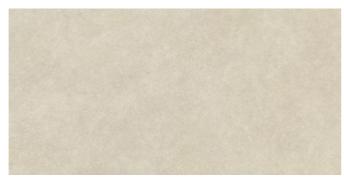
VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural









rettilineo beige



rettilineo ivory decor



rettilineo ivory













Size(mm)	Thickness(mm)
600x1200	9



127

# **APPLIQUE**





applique beige decor



applique beige

SIZES



Size(mm)	Thickness(mm)
600x1200	9



### Wall: shiro grey decor 600x1200mm Floor: shiro grey 600x1200mm

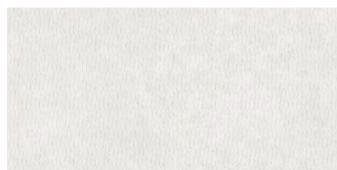
129

# **SHIRO**

#### VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural









shiro light grey







shiro grey

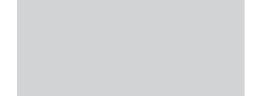












Size(mm)	Thickness(mm)
600x1200	9



## **SHIRO**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural









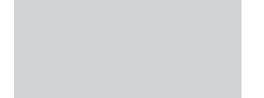












SIZES

Size(mm)	Thickness(mm)
600x1200	9









## **MARGAS**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural









margas grey







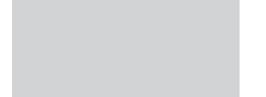
margas ivory











SIZES

Size(mm)	Thickness(mm)
600x1200	9



# **ASTORIA**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural



astoria grey



astoria beige















Size(mm)	Thickness(mm)
600x1200	9





## **GRANAS**

VITRIFIED TILES

Matt • Rectified • Heavy Structure • Natural









granas grey



granas light grey

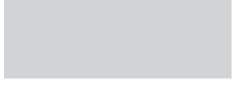












Size(mm)	Thickness(mm)	
600x1200	9	



136

#### Floor: afyon white 600x1200mm

# **AFYON**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



afyon white

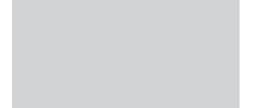
SIZES











Size(mm)	Thickness(mm)
600x1200	9



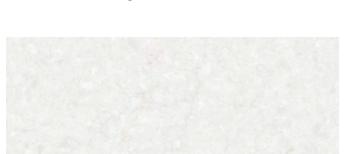
SURFACE FINISH: WOLFRAM

#### Wall: rabbit bianco 600x1200mm

## **RABBIT**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



rabbit bianco



SIZES















140

### Wall: paros ivory 600x1200mm Floor: paros ivory 600x1200mm

## **PAROS**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



paros ivory

SIZES

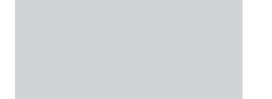












Size(mm)	Thickness(mm)
600x1200	9



142 RAK CERAMICS | 2025

## **COLORADO**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural





colorado beige













Size(mm)	Thickness(mm)
600x1200	9

Wall: colorado beige 600x1200mm Floor: colorado beige 600x1200mm



144 RAK CERAMICS | 2025

# **LUCA**

VITRIFIED TILES

Matt • Rectified • Light Structure • Natural



luca grey



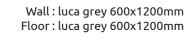








Size(mm)	Thickness(mm)
600x1200	9





RAK CERAMICS | 2025

SIGNATURE COLLECTION **RAK Ceramics presents Signature Collection**, its latest selection of luxury, stylish and high-end products, providing you with unlimited solutions for your design requirements. A boutique ready-made collection always available. Signature Collection captures the essence of quality and showcases the production capabilities of RAK Ceramics, with luxury concepts developed in an impressive range of sizes, finishes, colours, effects and thicknesses to suit every taste.

Developed using precious materials and offering premium performance with contemporary style, Signature Collection is designed to meet the latest architecture and interior design need.



# Focused on ceramics' expertise

RAK Ceramics is one of the largest ceramics' brands in the world. Specialising in ceramic and vitrified wall and floor tiles and sanitaryware, the company has the capacity to produce 123 million square metres of tiles and 5 million pieces of sanitaryware per year at its state-of-the-art plants across the United Arab Emirates, India and Bangladesh.

Founded in 1989 and headquartered in the United Arab Emirates, RAK Ceramics serves clients in more than 150 countries through network of operational hubs its in Europe, Middle East and North Africa, Asia, North and South America and Australia. Across global operations the company employes approximately 12,000 staff from more than 40 nationalities. RAK Ceramics is a publicly listed company on the Abu Dhabi Securities Exchange in the United Arab Emirates and as a group has an annual turnover of approximately US\$1 billion.

RAK Ceramics was established in Ras Al Khaimah in 1989 by H.H. Sheikh Saud Bin Saqr Al Qasimi, member of the Supreme Council and Ruler of Ras Al Khaimah, who aspired to have the best machinery, latest technology, and to produce the best products possible for sale in the world.

# The world's leading ceramics lifestyle solution provider

RAK Ceramics helps architects and interior designers create icons and build marvels. It provides sustainable materials that inspire ideas, shapes and hues designed to freely express any style. Unique and inspiring products that realistically resemble natural materials, with unlimited choice.

RAK Ceramics gives vitrified perfection and limitless imagination. Its passion and expertise combined with a careful attention to details enables it to provide designers and end users with a wide range of integrated ceramics solutions, allowing their freedom to be creative and plenty of room for imagination.





### Innotech -RAK Ceramics lab



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 ceramic and vitrified tiles ideal for use of indoor and outdoor spaces for wall and floor coverings for residential, retail and industrial projects.

A wide range of technologies are used at the state-of-the-art plants including big slabs pressing technology, advanced digital printing technology for industrial decoration & effects, translucent, double & triple charged feeding systems, digital soluble salts, thermal resistant komfy glaze, slim, anti-microbial, glow in the dark, and other advanced technologies.

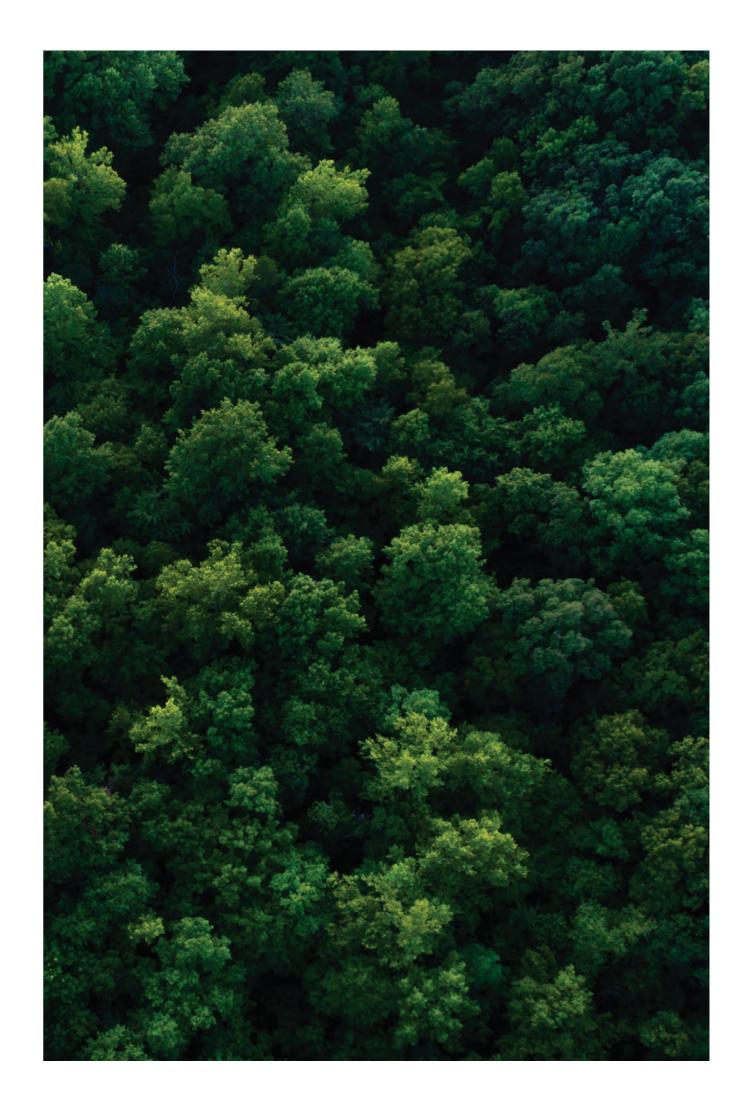
RAK Ceramics is known for the wide product range and size range and for its ability to produce bespoke ranges for both small and large scale projects, enabling its clients to bring their idea to life.

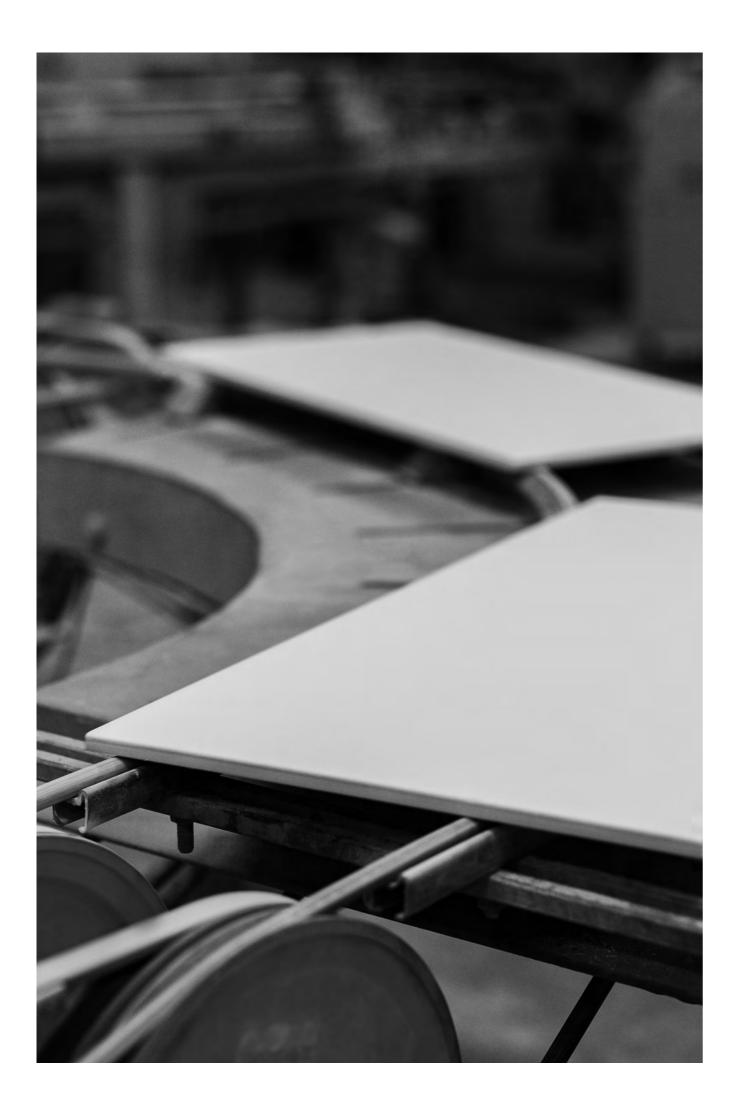
# We play our role for a better environment and society

Sustainability in every sphere of business is one of the main elements of RAK Ceramics mission statement. The company is committed to practicing environmental stewardship throughout its manufacturing chain – from product design and efficient operations processes – and to playing an active role in building a better community by enhancing the surrounding environment. Organization's activities improve energy efficiency, reduce pollution, enhance biodiversity and improve the quality of life for both people in the communities it operates in and for its workforce. It recycles natural raw materials to help conserve natural resources and adopts clean development mechanism (cdm) projects to reduce carbon emissions during the manufacturing process

RAK Ceramics is the first ceramics manufacturing company in its region to produce a global reporting initiative (gri) sustainability and corporate social responsibility (csr) report, based on the latest gri-gr4 guidelines. RAK Ceramics is a founding member of Emirates Green Building Council, which supports the development of .sustainable buildings in the UAE







# Quality makes us different

RAK Ceramics was the first company in United Arab Emirates being awarded with ISO 9001 certification by internationally recognized UK certification body "CICS" (Ceramic Research Institute Certification Scheme) for ceramics tiles and sanitary wares. Bureau Veritas Certifications verified the implementation of RAK Ceramics' quality management system and certified the company in compliance with the requirements of ISO 9001:2015 with the scope covering the design, development, production and supply of ceramics and vitrified floor and wall tiles, slabs and vitreous china sanitary wares.

Bureau Veritas Certifications also certified RAK Ceramics for ISO 14001:2015 Environmental Management System.

RAK Ceramics manufactures ceramic tiles according to the latest version of ISO 13006 and/or EN 1441 standards with equivalent ANSI A137.1 American national standard specifications for ceramics tiles.

Its Testing Laboratory is operating in accordance to ISO/IEC 17025 accredited by NATA (National Association of Testing Authorities, Australia).

Being a corporate member of EGBC (Emirates Green Building Council), RAK Ceramics supports the promotion and development of sustainable buildings in United Arab Emirates.



COLOUR VARIATIONS

### INDICATIONS FOR USE



V1 EVEN



WALL TILES



V2 LIGHT



FLOOR TILES



V3 MEDIUM



V4 STRONG

### SUGGESTED APPLICATIONS



DOMESTIC PURPOSE



LIGHT COMMERCIAL TRAFFIC AREA



FACADE



OUTDOOR



HEAVY COMMERCIAL TRAFFIC AREA

IN PRINTING, COLOUR OF THE PRODUCTS MAY DIFFER SLIGHTLY FROM ACTUAL, PICTURES ARE ONLY FOR REFERENCE.

### **TECHNICAL FEATURES**

### VITRIFIED TILES (BIA - GL):

Vitrified tiles are manufactured using pure, selectively imported raw materials mixed using the most advanced extraction and sorting techniques; they are obtained with a production process similar to that of single-fired tiles.

The resulting product is top-quality vitrified tile, obtained by raw materials wet grinding, followed by partial drying by spraying, silo storage to allow homogenization of properties, and pressing with highly efficient hydraulic presses up to specific pressures more than 500 kg/cm2. The high pressure combined with high firing temperature exceeding 1200 °C results in highly compact & strong ceramic surface with very low water absorption (lower than 0.4% according to UNI EN ISO 10545-3) and extremely high mechanical resistance (average value exceeding 40 N/mm2 according to UNI EN ISO 10545-4).

Thanks to their low porosity, these vitrified tiles are frost-proof and rated as belonging to the BIa GL class according to the International Standard ISO 13006 and European Standard UNI EN 14411 which requires water absorption  $\leq 0.5\%$ .

The MoR (modulus of rupture) in accordance with UNI EN ISO 10545-4 results to 40 N/mm2 while the required value is 35 N/mm2. RAK Ceramics porcelain tiles are available in a wide range of designs, sizes and finishes.

#### ADVICE ON LAYING

Although our vitrified tiles can be installed using traditional cement mortars, we advise using modern adhesives. While installing on wall, the two-layer spreading system is recommended to perfectly wet the back of the tile.

Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion. Do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic-solvent based adhesive.

It is advisable to incorporate suitable shrinkage - flexion joints (movement/ expansion joints) when installing on large floors: the joints should never be spaced more than 4 - 5 linear meters apart indoors and 3 linear meters apart outdoors. Be careful while using strong coloured grouts as they might leave stains on the surface of the tiles that may be difficult to remove later.

#### TECHNICAL CHARACTERISTICS - VITRIFIED TILES (BIA - GL)

	TEST DESCRIPTION	STANDARD TEST METHOD	INTERNATIONAL STANDARD ISO 13006	RAK CERAMICS SPECIFICATIONS
				(Rectified)
$\longleftrightarrow$	LENGTH & WIDTH	BS EN ISO 10545-2	0.6% -/+	0.1% -/+
	THICKNESS	BS EN ISO 10545-2	5.0% -/+	5.0% -/+
	RECTANGLE SQUARENESS	BS EN ISO 10545-2	0.5% -/+	0.2% -/+
90°	STRAIGHTNESS OF SIDES	BS EN ISO 10545-2	0.5% -/+	0.2% -/+
	SURFACE FLATNESS	BS EN ISO 10545-2	0.5% -/+	0.2% -/+
H <sub>2</sub> 0	WATER ABSORPTION	BS EN ISO 10545-3	0.5% =>	Ave< 0.05%
$\frac{\downarrow}{\uparrow\uparrow}$	MODULUS OF RUPTURE	BS EN ISO 10545-4	N/MM2 35=<	N/MM2 40=<
KG ↑ ↑	BREAKING STRENGTH	BS EN ISO 10545-4	1300N=<	Min. 1800N
a	RESISTANCE TO SURFACE ABRASION	BS EN ISO 10545-7	MANUFACTURER TO STATE ABRASION CLASS	PEI Class 2 -5
X	LINEAR THERMAL EXPANSION	BS EN ISO 10545-8	9x10 <sup>40</sup> C <sup>4</sup> =>	x 10 <sup>-6</sup> , Max 9
+	RESISTANCE TO THERMAL SHOCK	BS EN ISO 10545-9	NO VISIBLE DEFECT	NO VISIBLE DEFECT
※	CRAZING RESISTANCE	BS EN ISO 10545-11	NO CRAZING	NO CRAZING
<u>業</u>	FROST RESISTANCE	BS EN ISO 10545-12	NO VISIBLE DAMAGE	NO VISIBLE DAMAGE
<u>(;)</u>	RESISTANCE TO CHEMICALS	BS EN ISO 10545-13	NO VISIBLE EFFECT	NO VISIBLE EFFECT
*	RESISTANCE TO STAINS	BS EN ISO 10545-14	MANUFACTURER TO STATE CLASS	STAIN REMOVED MIN. CLASS 3
	COLOUR RESISTANCE TO UV LIGHT	DIN 51094	NO CHANGE IN COLOR	NO CHANGE IN COLOR

Note: Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended.

RAK CERAMICS India Pvt. Ltd. Carnival House, 1st Floor, Near Dindoshi Fire Station, Off Gen. A. K. Vaidya Marg, Malad (East). Mumbai 400097. Maharashtra. India. RAKCERAMICS.COM/INDIA Toll Free: 18001025829