

# Marbles Book

2025



**RAK**  
CERAMICS



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## Focused on ceramics expertise

RAK Ceramics is one of the largest ceramic brands in the world, specialising in ceramic and gres porcelain wall and floor tiles, tableware, sanitaryware and faucets. With the capacity to produce 118 million square metres of tiles, 5.7 million pieces of sanitaryware, 36 million pieces of porcelain tableware and 2.6 million pieces of faucets per year, RAK Ceramics operates 23 state-of-the-art plants across the UAE, India, Bangladesh and Europe.

Founded in 1989 and headquartered in the UAE, RAK Ceramics serves clients in more than 150 countries through its network of operational hubs. The company is publicly listed on the Abu Dhabi Securities Exchange and has an annual turnover of approximately USD 1 billion.

## From 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 porcelain 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.







## Marble

Design your luxury interiors with a timeless charm

A wide and varied range of collections inspired by the elegance of marble to offer hundreds of solutions for residential areas, hospitality industry and business places. Revised classy marble and granite patterns displaying elegant veins which remodel your spaces, creating sophisticated ambiances. When you choose a Marble looking tile collection, you choose the timeless beauty of one of the finest materials in nature, combining it with all the advantages of porcelain and ceramic tiles in terms of performance, durability, ease of laying and maintenance.







Versatile and simply beautiful, the Maximus slab revolutionises the design and architecture world by opening up new perspectives in tiles application that were previously unimaginable. All the continuous surfaces are designed for any type of application: floor and walls, cladding, furnishing, countertops and provide x flexibility and high technical and aesthetic performances.

WALLS AND FACADE

COUNTERTOP  
SURFACES

FURNITURE

FLOOR



Marble  
**AMANI MARBLE**



MARBLE



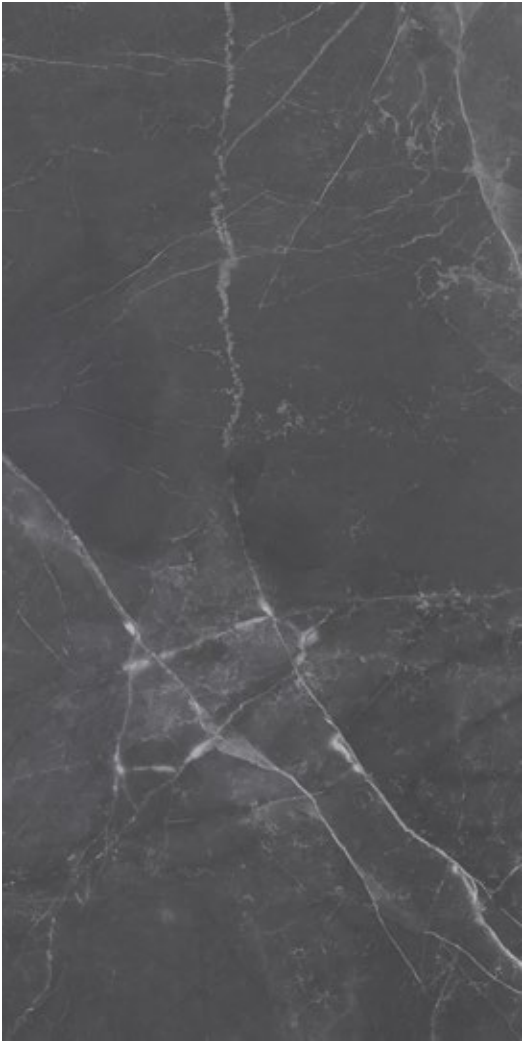
Marble

# AMANI MARBLE

AMANI MARBLE LIGHT GREY



AMANI MARBLE DARK GREY



**V2**

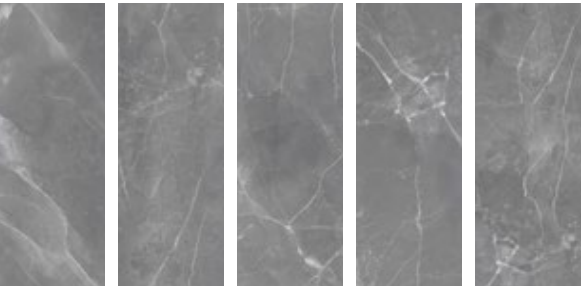
Wall

Floor

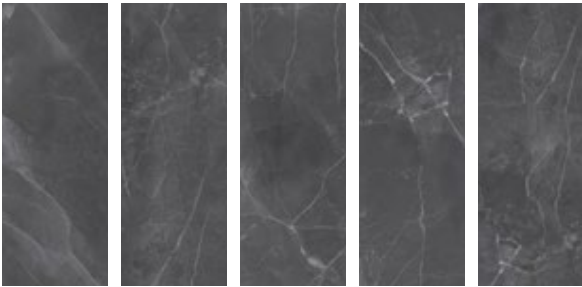
Domestic

Light Commercial

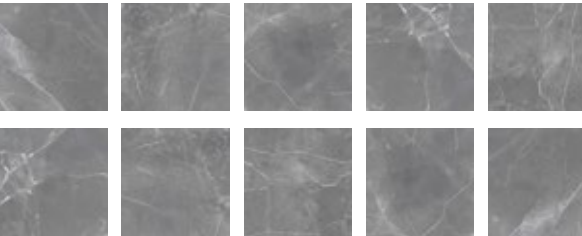
AMANI MARBLE LIGHT GREY VARIATIONS  
120X240 AND 60X120



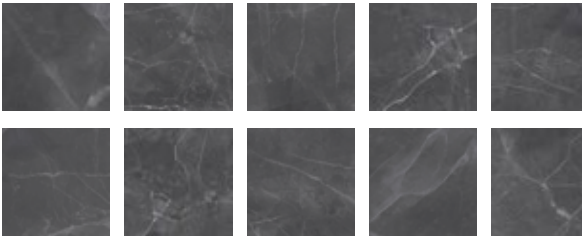
AMANI MARBLE DARK GREY VARIATIONS  
120X240 AND 60X120





AMANI MARBLE LIGHT GREY VARIATIONS  
120X120






AMANI MARBLE DARK GREY VARIATIONS  
120X120 AND 80X80



PORCELAIN TILES | Polished • Rectified • Smooth

NAME	COLOUR	SURFACE	80x80 cm	60x120 cm	120x120 cm	120x240 cm
AMANI MARBLE	 LIGHT GREY	POLISHED	–	AGB12AMMBLIGZHSS5P	AGB22AMMBLIGZHSC3P	AGB46AMMBLIGZHSC3P
	 DARK GREY	POLISHED	A05GAMMB-DKG-H0X0P	AGB12AMMBDKGZHSS5P	AGB22AMMBDKGZHSC3P	AGB46AMMBDKGZHSC3P

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x240	9	1	2.88	60	15	43.20	995
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891
80x80	9	2	1.28	27	40	51.20	1100



Marble  
**BAHIA WAVE**



◀ HYDROMASSAGE  
◀ CHROMOTHERAPY

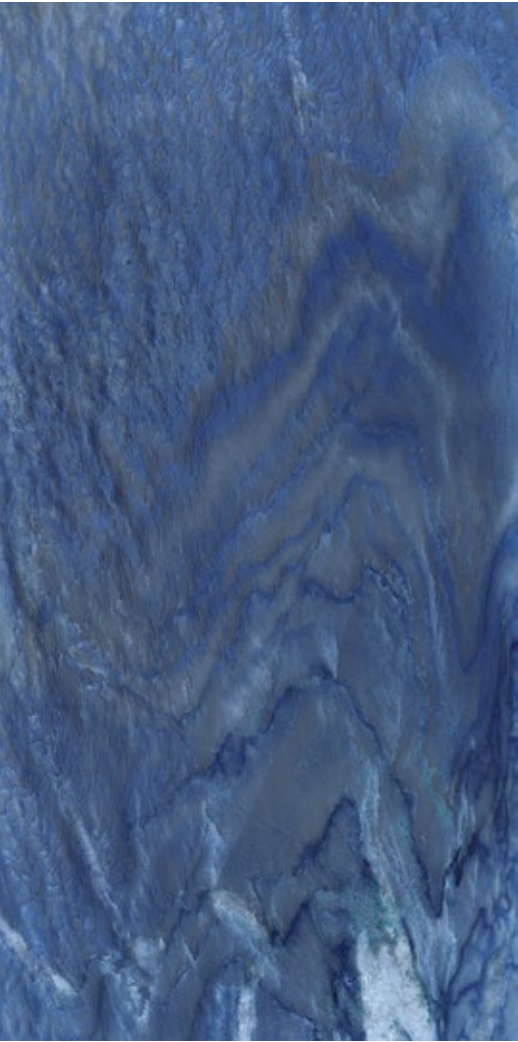
MARBLE








Marble

# BAHIA WAVE

BAHIA WAVE BLUE










- **V2**
-   
Wall
-   
Floor
-   
Domestic
-   
Light Commercial



MARBLE

PORCELAIN TILES | Polished • Rectified • Smooth

NAME		COLOUR	SURFACE	120x240 cm			
BAHIA WAVE			BLUE	POLISHED	AGB46BHWBLEZHSC3P		
Sizes (cm)	Thickness (mm)	Pieces 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x240	9	1	2.88	60	15	43.20	995



Marble  
**BLACK BEAUTY**



MARBLE





Marble

# BLACK BEAUTY


BLACK BEAUTY




**V2**




Wall



Floor



Domestic









Light Commercial



MARBLE

PORCELAIN TILES | Polished • Rectified • Smooth

NAME	COLOUR	SURFACE	120x280 cm				
BLACK BEAUTY		BLACK	POLISHED	A82GBBKB-NEODOX6P			
Sizes (cm)	Thickness (mm)	Pieces 	M² X 	Kg X 	 X Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120X280	9	1	3.36	71	20	672	1,548

\*Also available as countertops.



Marble  
**BLU DEL BELGIO**



MARBLE



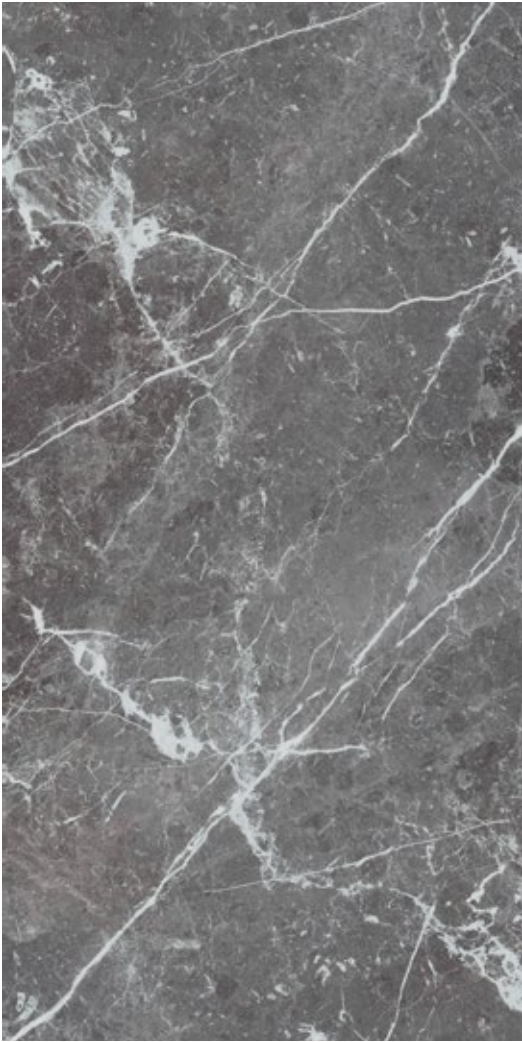
Marble


# BLU DEL BELGIO


BLU DEL BELGIO BLUE





BLU DEL BELGIO CLAY




**V2**

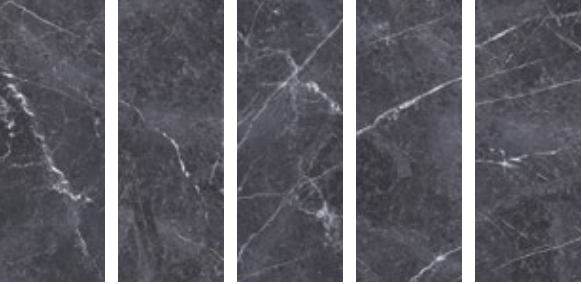
  
Wall

  
Floor

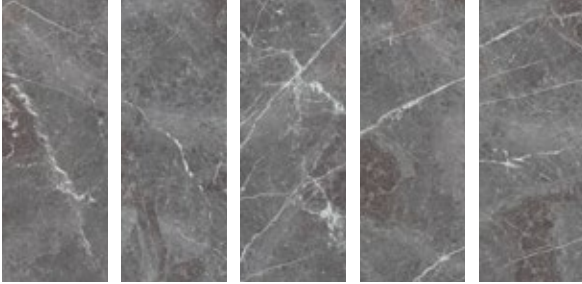
  
Domestic

  
Light Commercial

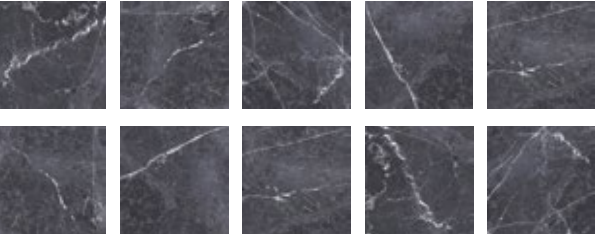
BLU DEL BELGIO BLUE VARIATIONS  
135X305, 120X260, 120X240 AND 60X120



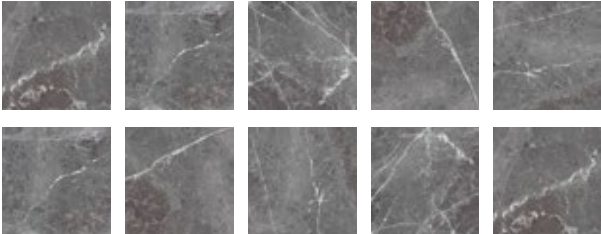
BLU DEL BELGIO CLAY VARIATIONS  
135X305, 120X260, 120X240 AND 60X120



BLU DEL BELGIO BLUE VARIATIONS  
120X120





BLU DEL BELGIO CLAY VARIATIONS  
120X120




\*Also available as countertops.



PORCELAIN TILES | Polished • Rectified • Smooth

NAME	COLOUR	SURFACE	60x120 cm	120x120 cm	120x240 cm	120x260 cm	135x305 cm
BLU DEL BELGIO	 BLUE	POLISHED	AGB12ZBLBBLEZGSS5P	AI22GBLB-BLOGOC3P	AI46GBLB-BLOGOC3P	A62GZBLB-BLOGOC6P	A83GZBLB-BLOGOC2P
	 CLAY	POLISHED	AGB12ZBLBCLAZGSS5P	AI22GBLB-CLOGOC3P	AI46ZBLB-CLOGOC3P	A62GZBLB-CLOGOC6P	A83GZBLB-CLOGOC2P

Sizes (cm)	Thickness (mm)	Pieces 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
135x305	14.5	1	4.12	160	10	41.20	1600
120x260	6	1	3.12	48	20	62.40	960
120x240	9	1	2.88	60	15	43.20	995
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891



Marble  
**BRECCIA**



MARBLE



Marble


BRECCIA


BRECCIA ADIGE GREY





BRECCIA DAINO BEIGE




**V2**

  
Wall

  
Floor

  
Domestic

  
Light Commercial

BRECCIA ADIGE GREY VARIATIONS  
120X260 AND 60X120



BRECCIA DAINO BEIGE VARIATIONS  
120X260








BRECCIA ADIGE GREY VARIATIONS  
120X120










\*Breccia Adige Grey also available as countertops.



PORCELAIN TILES | Polished/matt/honed • Rectified • Smooth

NAME		COLOUR	SURFACE	60x120 cm	120x120 cm	120x260 cm
BRECCIA		ADIGE GREY	POLISHED	A12GBRAE-GRY.NOX5P	A22GBRAE-GRY.NOX5P	A62GBRAE-GRY.NOX6P
		ADIGE GREY	MATT	A12GBRAE-GRY-MOX5R	A22GBRAE-GRY-MOX5R	–
		ADIGE GREY	HONED	–	–	A62GBRAE-GRY.OOX6P
		DAINO BEIGE	POLISHED	–	–	A62GBRDA-BEE.NOX6P
		DAINO BEIGE	HONED	–	–	A62GBRDA-BEE.OOX6P

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x260	6	1	3.12	48	20	62.40	960
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891



Marble  
**CALACATTA**



MARBLE



Marble


CALACATTA


CALACATTA AFRICA WHITE





CALACATTA GOLD WHITE




**V2**

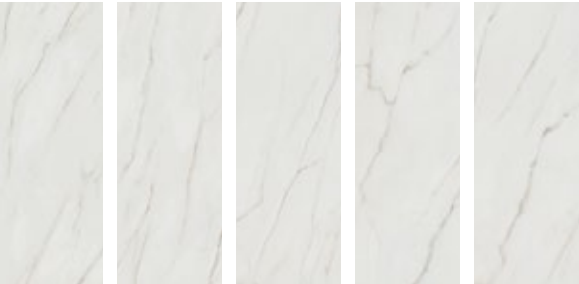
  
Wall

  
Floor

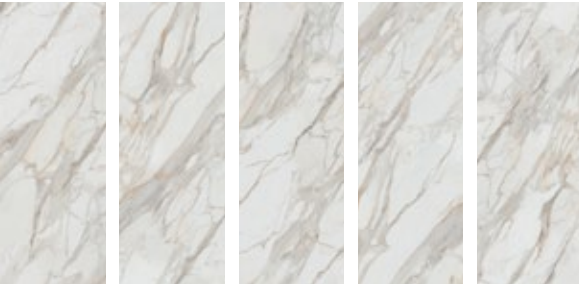
  
Domestic

  
Light Commercial

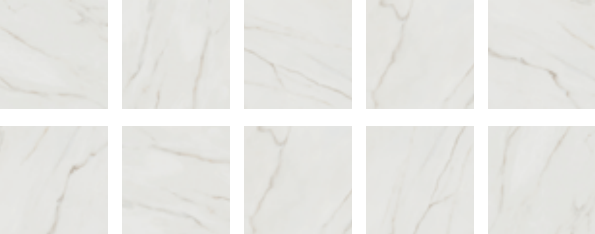
CALACATTA AFRICA WHITE VARIATIONS  
135X305, 120X260, 120X240 AND 60X120



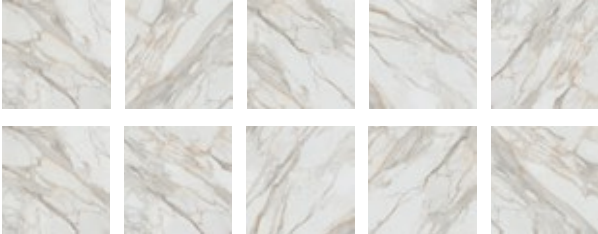
CALACATTA GOLD WHITE VARIATIONS  
135X305, 120X260, 120X240 AND 60X120



CALACATTA AFRICA WHITE VARIATIONS  
120X120



CALACATTA GOLD WHITE VARIATIONS  
120X120 AND 80X80



\*Also available as countertops.



PORCELAIN TILES | Polished/Matt • Rectified • Smooth

NAME	COLOUR	SURFACE	80x80 cm	60x120 cm	120x120 cm	120x240 cm	120x260 cm	135x305 cm
CALACATTA	AFRICA WHITE	POLISHED	–	AGB12CCAFWHEZHSS5P	AGB22CCAFWHEZHSC3P	AGB46CCAFWHEZHSC3P	A62GCCAF-WHENOX6P	A83GCCAF-WHENOX2P
	AFRICA WHITE	MATT	–	A12GCCAF-WHE-MOX5R	A22GCCAF-WHE-MOX5R	–	A62GCCAF-WHEMOX6R	–
	GOLD WHITE	POLISHED	A05GCTAG-WHE-GOX0P	AGB12CTAGWHEZHSS5P	AGB22CTAGWHEZHSC3P	AGB46CTAGWHEZHSC3P	A62GCTAG-WHENOX6P	A83GCTAG-WHENOX2P
	GOLD WHITE	MATT	A05GCTAG-WHE-MOX0R	A12GCTAG-WHE-MOX5R	A22GCTAG-WHEMOX5R	A46GCTAG-WHE-MOX5R	A62GCTAG-WHEMOX6R	–

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
135x305	14.5	1	4.12	160	10	41.20	1600
120x260	6	1	3.12	48	20	62.40	960
120x240	9	1	2.88	60	15	43.20	900
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891
80x80	9	2	1.28	27	40	51.20	1100



Marble  
**CLASSIC CARRARA**



MARBLE





Marble


# CLASSIC CARRARA


CLASSIC CARRARA GREY




**V2**

  
Wall

  
Floor

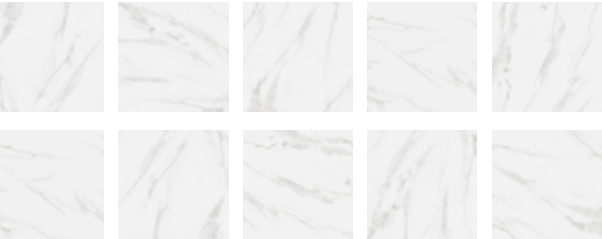
  
Domestic

  
Light Commercial

CLASSIC CARRARA GREY VARIATIONS  
135X305, 120X260, 120X240 AND 60X120



CLASSIC CARRARA GREY VARIATIONS  
120X120 AND 80X80



\*Also available as countertops.



**PORCELAIN TILES** | Polished/Matt • Rectified • Smooth

NAME	COLOUR	SURFACE	80x80 cm	60x120 cm	120x120 cm	120x240 cm	120x260 cm	135x305 cm
CLASSIC CARRARA	GREY	POLISHED	A05GZCRR-GRY-G0X0P	AGB12ZCRRGRYZGSS5P	A122GZCRR-GYG0C3P	AI46ZCRR-GY0G0C3P	A62GZCRR-GY0G0C6P	A83GZCRR-GY0G0C2P
	GREY	MATT	A05GZCRR-GRY-M0X0R	A12GZCRR-GRY-M0X5R	A22GZCRR-GRY-M0X5R	-	A62GZCRR-GRYMOX6R	A83GZCRR-GY0G0C2P

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
135x305	14.5	1	4.12	160	10	41.20	1600
120x260	6	1	3.12	48	20	62.40	960
120x240	9	1	2.88	60	15	43.20	995
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891
80x80	9	2	1.28	27	40	51.20	1100



Marble  
**CRYSTAL WHITE**

**NEW**



MARBLE



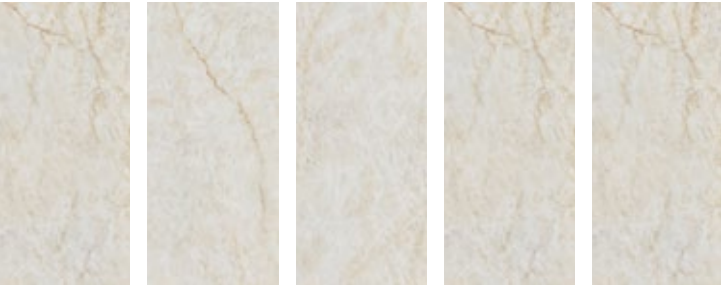
Marble

CRYSTAL WHITE

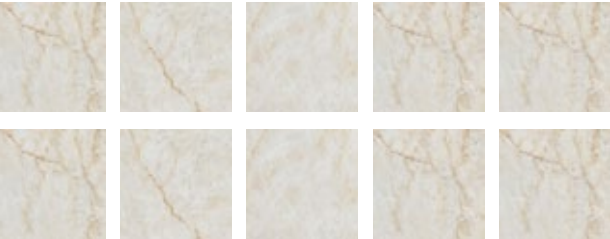
CRYSTAL WHITE





CRYSTAL WHITE VARIATIONS  
60X120





CRYSTAL WHITE VARIATIONS  
120X120




**V2**

  
Wall

  
Floor








  
Domestic

  
Light Commercial



PORCELAIN TILES | Polished/Matt • Rectified • Smooth

NAME	COLOUR	SURFACE	60x120 cm	120x120 cm
CRYSTAL WHITE	WHITE	POLISHED	A12GCYTR-WHE.NOX5P	A22GCYTR-WHE.NOX5P
	WHITE	MATT	A12GCYTR-WHE.MOX5R	A22GCYTR-WHE.MOX5R

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891



Marble  
**GRANITO BLU ANDE**

NEW



MARBLE



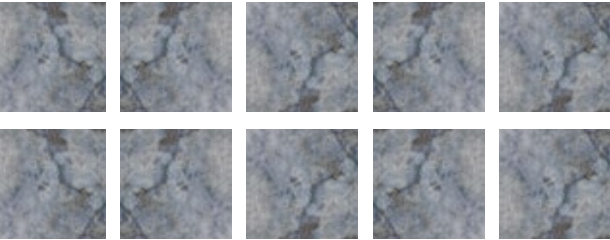
Marble


# GRANITO BLU ANDE


GRANITO BLU ANDE





GRANITO BLU ANDE VARIATIONS  
120X120




**V2**

  
Wall

  
Floor







  
Domestic

  
Light Commercial



**PORCELAIN TILES** | Polished • Rectified • Smooth

NAME	COLOUR	SURFACE	60x120 cm	120x120 cm
GRANITO BLU ANDE	BLUE	POLISHED	A12GGBLA-BLE.NOXSP	A22GGBLA-BLE.NOXSP

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891



Marble  
**ICELAND WHITE**

**NEW**



MARBLE





Marble


# ICELAND WHITE


ICELAND WHITE




**V2**

  
Wall

  
Floor

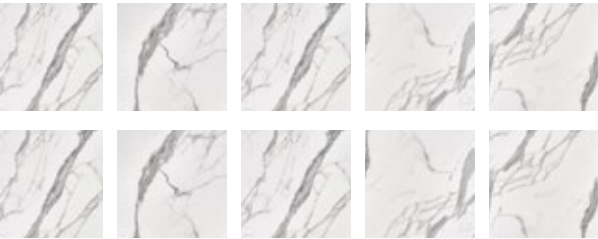
  
Domestic

  
Light Commercial

ICELAND WHITE VARIATIONS  
60X120










ICELAND WHITE VARIATIONS  
60X60 AND 120X120



PORCELAIN TILES | Polished • Rectified • Smooth

NAME	COLOUR	SURFACE	60x60 cm	60x120 cm	120x120 cm
ICELAND WHITE	WHITE	POLISHED	A06GICMR-WHE.NOX0P	A12GICMR-WHE.NOX5P	A22GICMR-WHE.NOX5P

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891
60x60	9	4	1.44	28	30	43.20	861



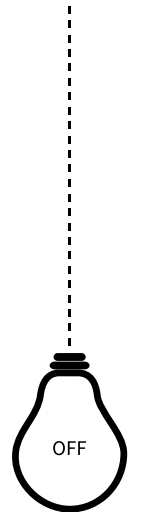
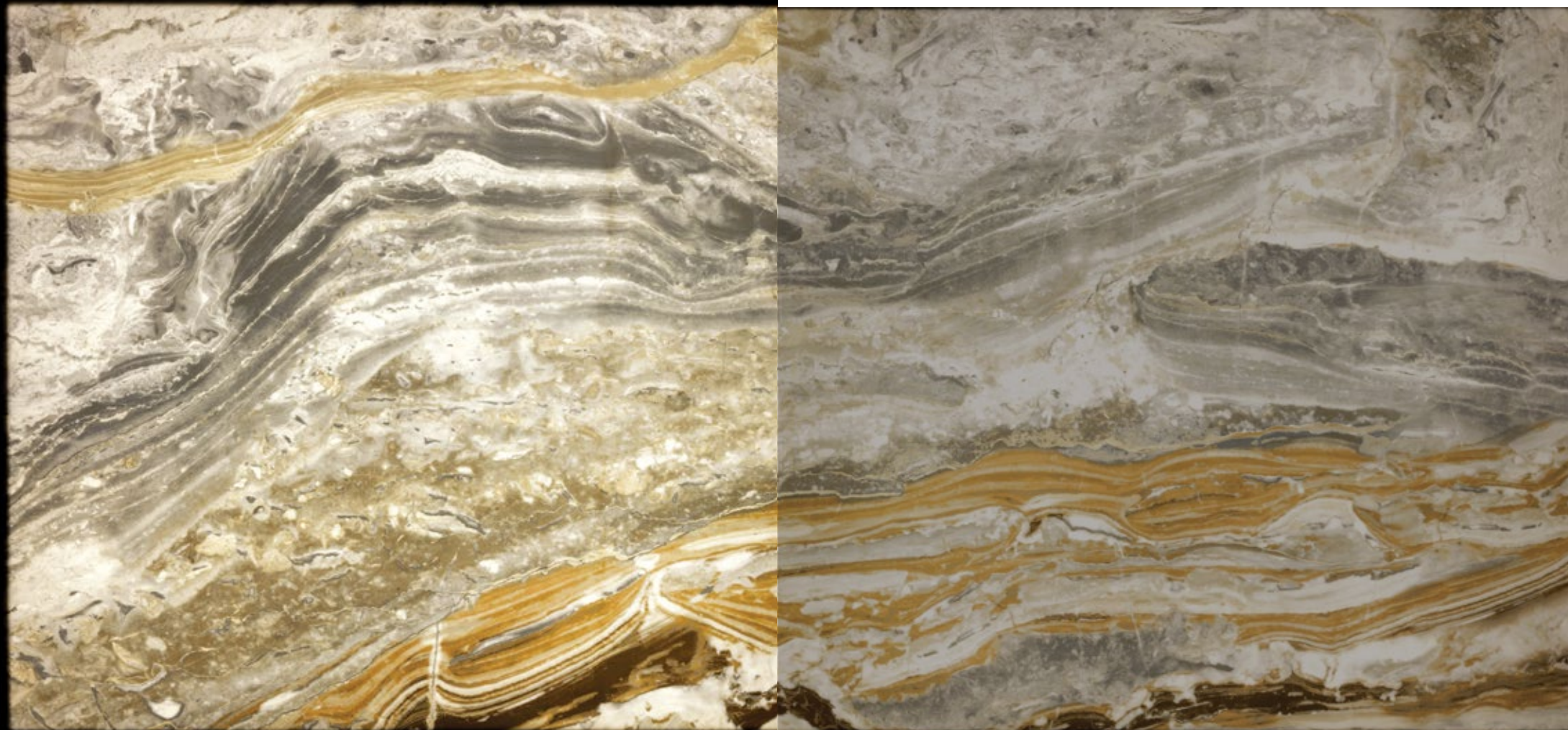
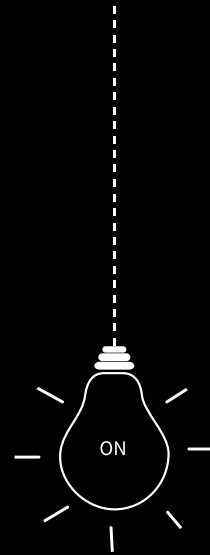
Marble  
**LUCE**

SIGNATURE  
COLLECTION



MARBLE





## LUCE

Light becomes a design tool in the hands of the designer and through elegant surfaces it enriches environments, making them magical.

This is what makes the new Luce slabs a stunning centrepiece for your design concept with amazing backlighting technology. An absolute novelty that will inspire your creativity.

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

Can be used in hotels, restaurants, offices, shops and sophisticated residential environments. Light up your projects with Luce.



Marble

LUCE

LUCE ONYX WHITE



LUCE ONYX HARLEQUIN



LUCE ONYX GREEN JADE



LUCE BAHIA AZUL



LUCE ONYX IVORY





LUCE ONYX ARCO RED





LUCE MARBLE WHITE



**V3**








  
Wall

  
Domestic

  
Light Commercial



PORCELAIN TILES | Polished • Rectified • Smooth

NAME		COLOUR	SURFACE	120x260 cm
LUCE		ONYX WHITE	POLISHED	ATB62LUCEONYZHSC6P
		ONYX HARLEQUIN	POLISHED	ATB62LUCEOHNZHSC6P
		ONYX GREEN JADE	POLISHED	A62GLUCE -OGJN0X6P
		BAHIA AZUL	POLISHED	ATB62LUCEBAZZHSC6P
		ONYX IVORY	POLISHED	ATB62LUCEOIVZHSC6P
		ONYX ARCO RED	POLISHED	ATB62LUCEOARZHSC6P
		MARBLE WHITE	POLISHED	ATB62LUCEMARZHSC6P

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x260	6	1	3.12	48	20	62.40	960



Marble  
**MEDICEA MARBLE**







Marble


# MEDICEA MARBLE


MEDICEA MARBLE WHITE




**V2**

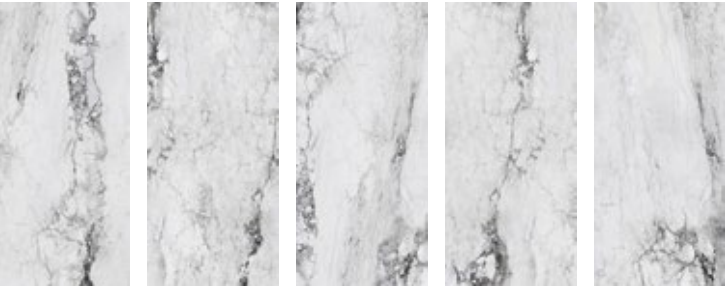
  
Wall

  
Floor

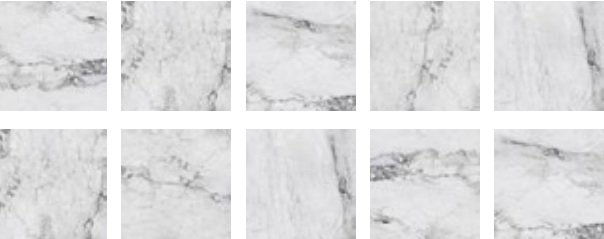
  
Domestic

  
Light Commercial

MEDICEA MARBLE WHITE VARIATIONS  
135X305, 120X260, 120X240 AND 60X120



MEDICEA MARBLE WHITE VARIATIONS  
120X120










\*Also available as countertops.



## PORCELAIN TILES | Polished/Matt • Rectified • Smooth

NAME	COLOUR	SURFACE	60x120 cm	120x120 cm	120x240 cm	120x260 cm	135x305 cm
MEDICEA MARBLE	WHITE	POLISHED	AGB12MDMBWHEZHSS5P	AGB22MDMBWHEZHSC3P	AGB46MDMBWHEZHSC3P	AGB62MDMBWHEZHSC6P	AGB83MDMBWHEZHSLP
	WHITE	MATT	A12GMDMB-WHEMOX5R	A22GMDMB-WHE-MOX5R	A46GMDMB-WHE-MOX5R	A62GMDMB-WHEMOX6R	–

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
135x305	14.5	1	4.12	160	10	41.20	1600
120x260	6	1	3.12	48	20	62.40	960
120x240	9	1	2.88	60	15	43.20	995
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891





Marble  
**OROBICO**

**NEW**

MARBLE








Marble

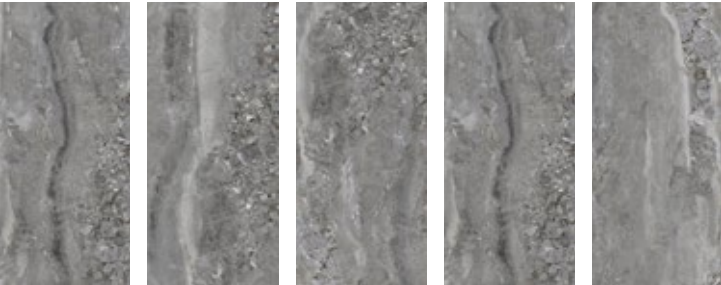
# OROBICO

OROBICO GREY



- **V2**
-   
Wall
-   
Floor
-   
Domestic
-   
Light Commercial

OROBICO GREY VARIATIONS  
60X120



MARBLE

PORCELAIN TILES | Polished • Rectified • Smooth

NAME	COLOUR	SURFACE	120x260 cm
------	--------	---------	------------

OROBICO	GREY	POLISHED	A12GORBG-GRY.NOX5P
---------	------	----------	--------------------

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
60x120	9	2	1.44	29	30	43.20	891



Marble  
**PANDA MARBLE**







Marble

PANDA MARBLE


PANDA MARBLE WHITE




**V2**




Wall



Floor

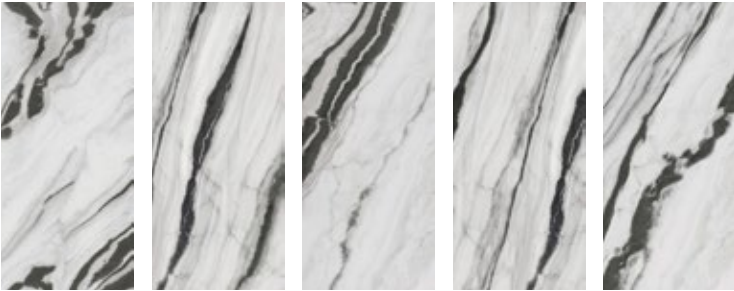


Domestic

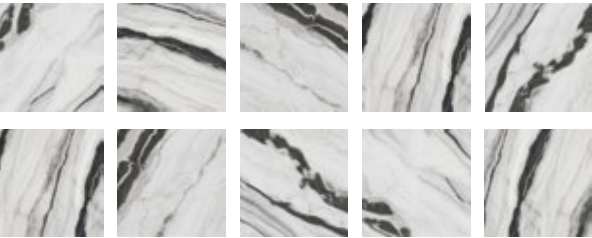


Light Commercial




PANDA MARBLE WHITE VARIATIONS  
120X260, 120X240 AND 60X120










PANDA MARBLE WHITE VARIATIONS  
120X120



PORCELAIN TILES | Polished/Matt • Rectified • Smooth

NAME	COLOUR	SURFACE	60x120 cm	120x120 cm	120x240 cm	120x260 cm
PANDA MARBLE	 WHITE	POLISHED	AGB12PDMBWHEZHSS5P	AGB22PDMBWHEZHSC3P	AGB46PDMBWHEZHSC3P	AGB62PDMBWHEZHSC6P
	 WHITE	MATT	A12GPDMB-WHE.MOX5R	–	–	–
	 WHITE	HONED	–	–	–	A62GPDMB-WHEO0X6P

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x260	6	1	3.12	48	20	62.40	960
120x240	9	1	2.88	60	15	43.20	995
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891



Marble  
**PREZIOSI**

**SIGNATURE  
COLLECTION**

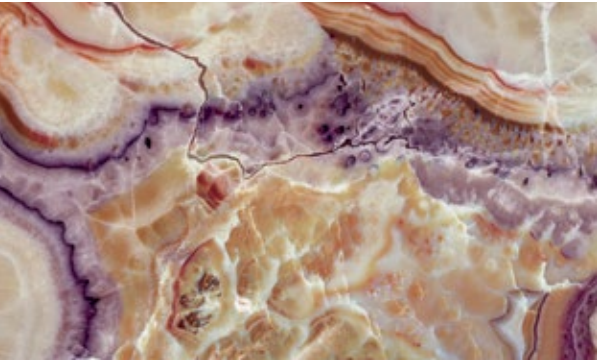
MARBLE



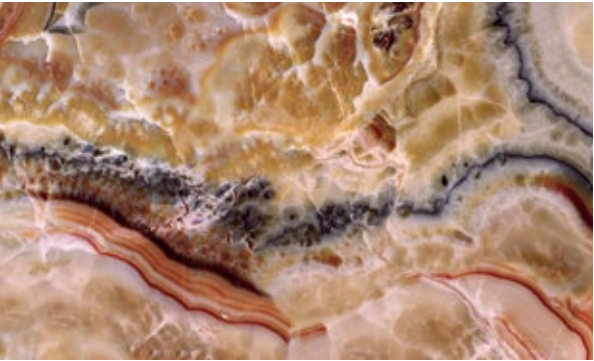
Marble

PREZIOSI

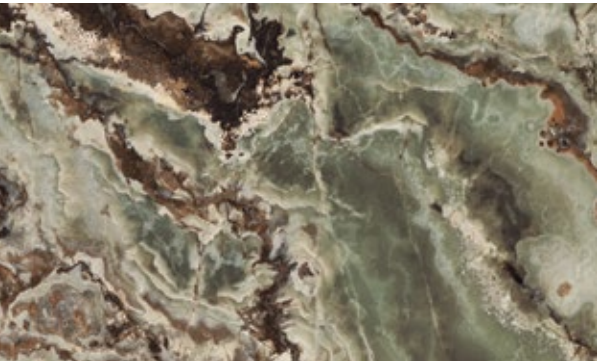
PREZIOSI RIO



PREZIOSI PEARL



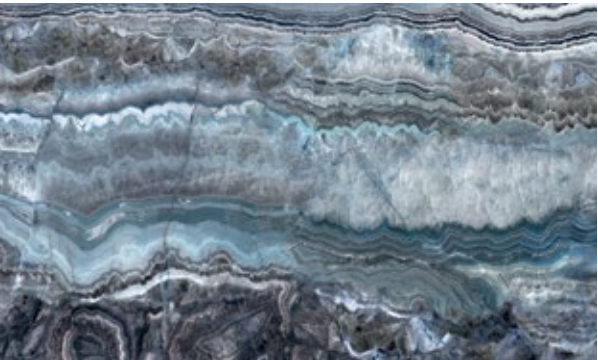
PREZIOSI GREEN



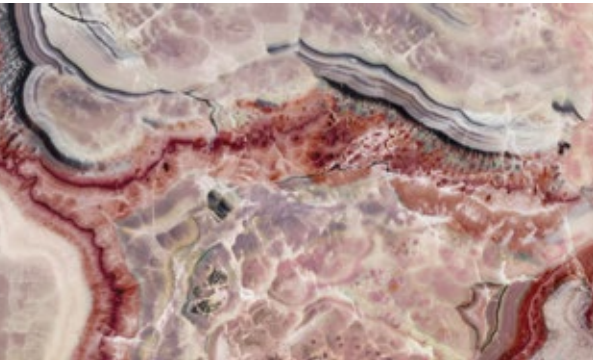
PREZIOSI ROCK



PREZIOSI OCEAN





PREZIOSI PLUM




PORCELAIN TILES | Polished/Matt • Rectified • Smooth

NAME		COLOUR	SURFACE	120x260 cm
PREZIOSI		RIO	POLISHED	A62GPRZS-RIONOX6P
		PEARL	POLISHED	A62GPRZS-PRLNOX6P
		GREEN	POLISHED	A62GPRZS-GREN0X6P
		ROCK	POLISHED	A62GPRZS-RCKNOX6P
		OCEAN	POLISHED	A62GPRZS-OCNNOX6P
		PLUM	POLISHED	A62GPRZS-PLMNOX6P


**V2**




Wall



Floor



Domestic



Light Commercial



Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x260	6	1	3.12	48	20	62.40	960



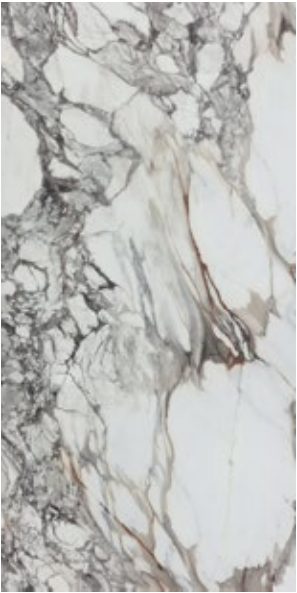
Marble

# RAIN MARBLE

RAIN MARBLE WHITE





OPEN BOOK EFFECT  
(FACE A)





OPEN BOOK EFFECT  
(FACE B)







**V2**








  
Wall

  
Floor

  
Domestic

  
Light Commercial

NAME		COLOUR	SURFACE	60x120 cm	120x260 cm	135x305 cm
RAIN MARBLE		WHITE	POLISHED	A12GRANM-WHENOX5P	–	A83GRANM-WHEMOX2R
		OPEN BOOK EFFECT (FACE A)	POLISHED	–	AGD62RANMWHEZHA1P	–
		OPEN BOOK EFFECT (FACE B)	POLISHED	–	AGD62RANMWHEZHA2P	–

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
135x305	14.5	1	4.12	160	10	41.20	1600
120x260	6	1	3.12	48	20	62.40	960
60x120	9	1	1.44	33	30	43.20	900





Marble  
**RAPOLANO**





Marble

# RAPOLANO

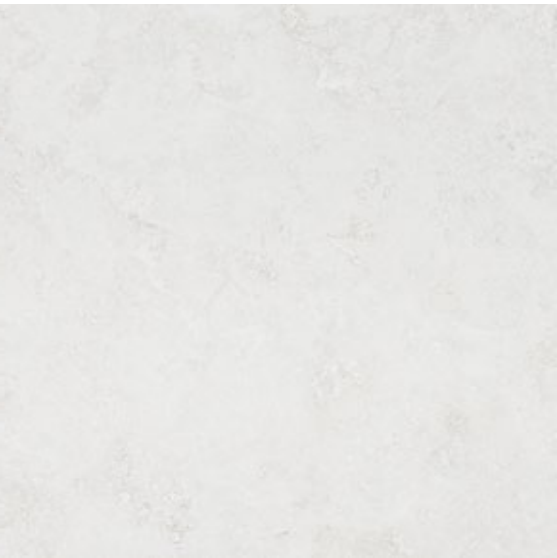
RAPOLANO BEIGE



RAPOLANO LIGHT BEIGE





RAPOLANO WHITE





RAPOLANO GREY




**V2**

  
Wall












  
Floor

  
Domestic

  
Light Commercial

**R9**

PORCELAIN TILES | Matt • Rectified • Smooth

NAME	COLOUR		SURFACE	80x80 cm			
RAPOLANO		BEIGE	MATT	A05GRLMB-BEE.MOXOR			
		LIGHT BEIGE	MATT	A05GRLMB-LBE.MOXOR			
		WHITE	MATT	A05GRLMB-WHE.MOXOR			
		GREY	MATT	A05GRLMB-GRY.MOXOR			
Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
80x80	9	2	1.28	25.5	40	51.20	1020



MARBLE



Marble  
**TREVISO**

**NEW**



MARBLE





Marble


TREVISO


TREVISO GOLD




**V2**

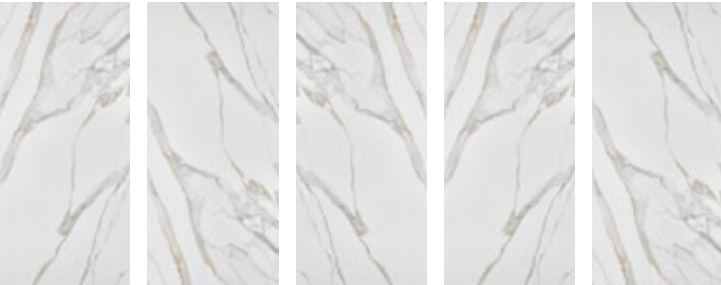
  
Wall

  
Floor

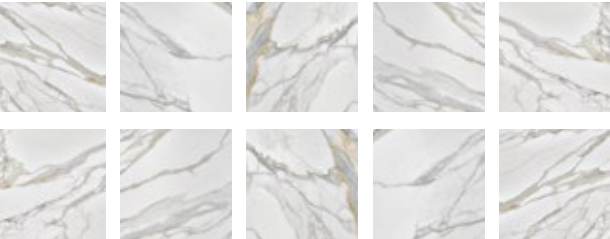
  
Domestic

  
Light Commercial

TREVISO GOLD VARIATIONS  
60X120










TREVISO GOLD VARIATIONS  
60X60 AND 120X120



PORCELAIN TILES | Polished • Rectified • Smooth

NAME	COLOUR	SURFACE	60x60 cm	60x120 cm	120x120 cm
TREVISO	GOLD	POLISHED	A06GMBLT-WHE.NOX0P	A12GMBLT-WHE.NOX5P	A22GMBLT-WHE.NOX5P

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891
60x60	9	4	1.44	28	30	43.20	861



Marble  
**VENATO MARBLE**










Marble

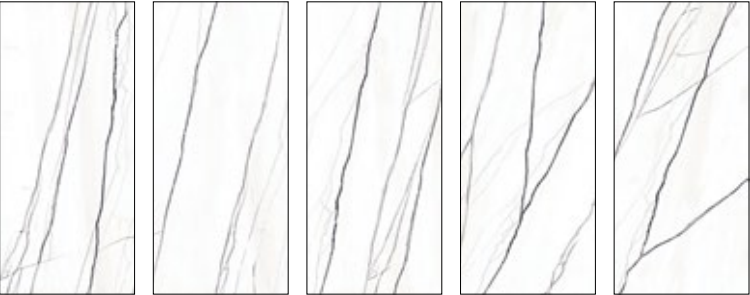
# VENATO MARBLE

VENATO MARBLE WHITE

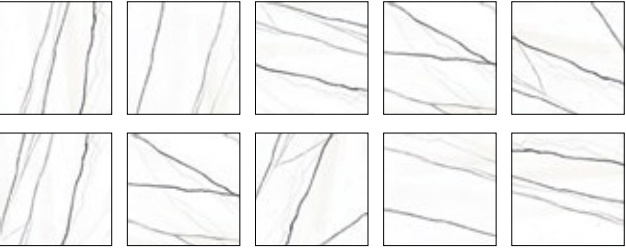


- **V2**
-   
Wall
-   
Floor
-   
Domestic
-   
Light Commercial

VENATO MARBLE WHITE VARIATIONS  
120X240 AND 60X120










VENATO MARBLE WHITE VARIATIONS  
120X120



PORCELAIN TILES | Polished/Matt • Rectified • Smooth

NAME		COLOUR	SURFACE	60x120 cm	120x120 cm	120x240 cm
VENATO MARBLE		WHITE	POLISHED	A12GVEMB-WHEHOX5P	A22GVEMB-WHEHOX5P	A46GVEMB-WHEHOX5P

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
120x240	9	1	2.88	60	15	43.20	995
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891



Marble  
**VERSILIA MARBLE**







Marble


VERSILIA MARBLE


VERSILIA MARBLE WHITE




**V2**

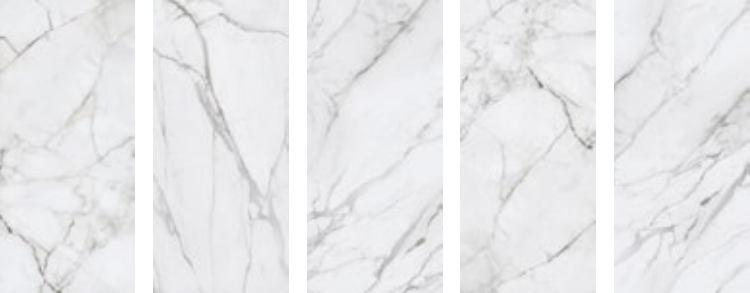
  
Wall

  
Floor

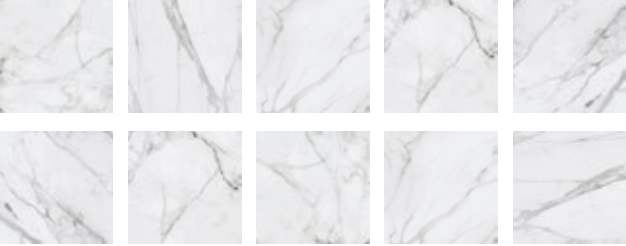
  
Domestic

  
Light Commercial

VERSILIA MARBLE WHITE VARIATIONS  
135X305, 120X260, 120X240 AND 60X120



VERSILIA MARBLE WHITE VARIATIONS  
60X60 AND 120X120



\*Also available as countertops.



PORCELAIN TILES | Polished/Matt • Rectified • Smooth

NAME	COLOUR	SURFACE	60x60 cm	60x120 cm	120x120 cm
VERSILIA MARBLE	WHITE	POLISHED	A06GVSMB-WHE.NOXOP	AGB12VSMBWHEZHSSSP	AGB22VSMBWHEZHSC3P
	WHITE	MATT	A06GVSMB-WHE.MOXOR	A12GVSMB-WHE.OOX5P	A22GVSMB-WHE-MOX5R

NAME	COLOUR	SURFACE	120x240 cm	120x260 cm	135x305 cm
VERSILIA MARBLE	WHITE	POLISHED	AGB46VSMBWHEZHSC3P	AGB62VSMBWHEZHSC6P	AGB83VSMBWHEZHSNLP
	WHITE	MATT	A46GVSMB-WHE-MOX5R	A62GVSMB-WHE.MOX6R	–

Sizes (cm)	Thickness (mm)	Pieces X 	M² X 	Kg X 	 X  Eu. Pallet	M² X  Eu. Pallet	kg X  Eu. Pallet
135x305	14.5	1	4.12	160	10	41.20	1600
120x260	6	1	3.12	48	20	62.40	960
120x240	9	1	2.88	60	15	43.20	995
120x120	9	2	2.88	60	22	63.36	1320
60x120	9	2	1.44	29	30	43.20	891
60x60	9	4	1.44	28	30	43.20	861



Marble

# MIX & MATCH

CALACATTA GOLD

Calacatta gold,  
Circle wood ivory,  
Opificio light grey



VENATO MARBLE

Venato marble  
Moonstone grey,  
Portofino brick ocean,  
Line wood ivory



CALACATTA AFRICA

Calacatta africa,  
Line wood dark beige,  
Marakkesh ivory



BAHIA BLUE

Bahia blue,  
Portofino brick greige,  
Line wood ivory



URBAN MARBLE

Urban marble,  
City stone grey,  
Marakkesh dark pink



BLU DEL BELGIO

Blu del belgio,  
Luce onyx ivory



AMANI MARBLE

Amani marble light grey  
Moonstone grey,  
Circle wood grey,  
Paleo white



RAIN MARBLE

Rain marble,  
Lapideus original,  
Circle wood ivory



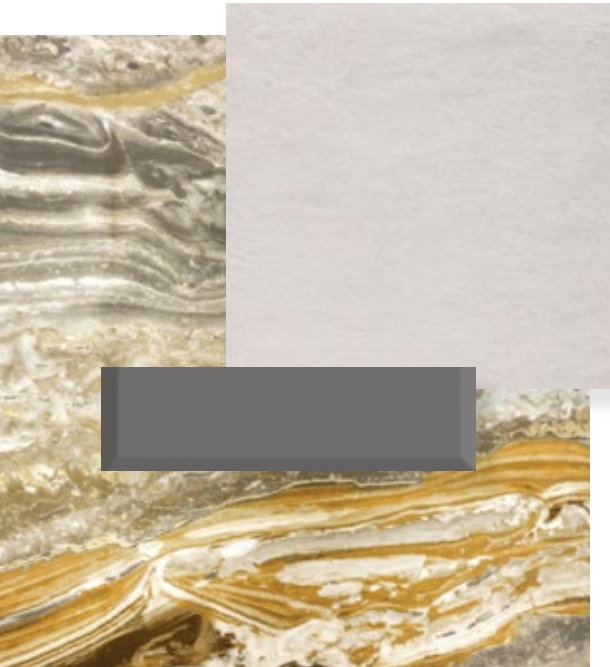


Marble

MIX & MATCH

LUCE

Luce onyx harlequin,  
Clay stone bone,  
Subway dark grey bevel brick



PANDA MARBLE

Panda marble,  
Opificio light grey,  
Line wood dark beige



VERSILIA MARBLE

Versilia marble  
Circle wood ivory,  
Marakkesh white



TREVISO

Treviso gold,,  
Portofino brick greige,  
Line wood ivory



PREZIOSI

Preziosi ocean,  
Symphony ornamental 1,  
Line wood ivory



RAPOLANO MARBLE

Rapolano marble beige,  
Rapolano marble light beige,  
Calacatta africa



OROBICO

Orobico grey,  
Moonstone grey,  
Circle wood grey,  
Paleo white



ICELAND WHITE

Iceland white,  
Lapideus original,  
Circle wood ivory





Marble

# MIX & MATCH

GRANITO BLU ANDE

Granito blu ande,  
Clay stone bone,  
Subway dark grey bevel brick



CRYSTAL WHITE

Crystal white,,  
Rapolano marble light beige,  
Line wood dark beige





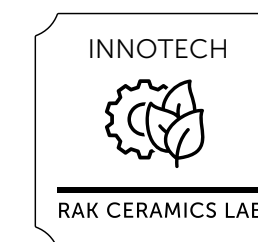


## Developed by RAK Ceramics lab

Innovation is the heart of RAK Ceramics' philosophy. 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 porcelain tiles, ideal for use in 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 and effects, translucent, double and 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.





# INNOTECH - RAKCERAMICS LAB



Antibacterial solution for healthier environment



Antislip technology for indoor and outdoor application



Surface capable to absorb and repel heat or cold according to individual needs



Technical and versatile surfaces suitable for any kind of usage

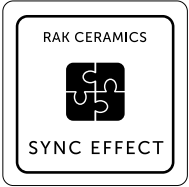


3D texture, surfaces, colours in unique materials

# INNOTECH - RAKCERAMICS LAB



Antibacterial solution for healthier environment



High definition structures using digital technology



Sustainable surfaces and designs made up to 95% of recycled materials



Body through stone and marble veining



Backlighting high tech



Extra matt surface with no glossy



# RAK SANIT



Antibacterial solution for healthier environment

RAK-Sanit is a complete solution that includes porcelain and ceramic tile collections that reduce bacterial contamination and contribute to a healthier living and working environment owing to its antibacterial properties given by silver nitrate compounds.

RAK-Sanit antibacterial collection of wall and floor tiles features antibacterial technology that is permanently integrated into the tile surface. Once bacteria come 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, resulting in the death of the organisms.

# KLIMA



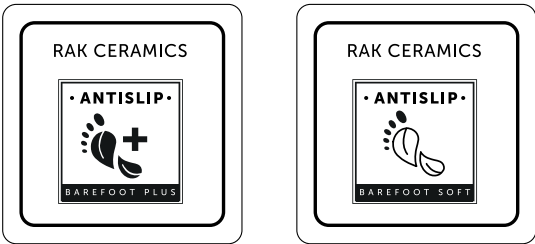
Surface capable to absorb and repel heat or cold according to individual needs

Klima is a new generation ceramic that, thanks to special materials, is able to resist to cold or warm temperatures according to individual needs and to keep the same temperature as the surrounding environment.

When applied to indoor flooring, Klima retains room heat and releases it over the entire surface, producing a warmer feel than a standard floor. When installed on outdoor flooring, Klima resists to the heat from sunlight and remains cool and pleasant to walk on with bare feet. Even with significant sun exposure, the surface is not burning hot and floor keeps the same temperature as the surrounding environment. On ventilated external façades, Klima helps limit heat dispersion while maintaining a steady indoor temperature. An innovative solution that helps reduce room energy demands.

Klima tiles are suitable for indoor and outdoor applications, for flooring or external walls, to achieve maximum comfort with minimum energy impact.

# ANTISLIP BAREFOOT



Antislip technology for indoor and outdoor application

The Antislip Barefoot + technology gives porcelain tiles excellent non-slip performance and a pleasant feel, with a special roughness imperceptible to the touch.

With their technical characteristics that increase the safety and functionality of floors, they are ideal for indoor and outdoor applications for both commercial and residential settings.

# HIGH PERFORMANCE



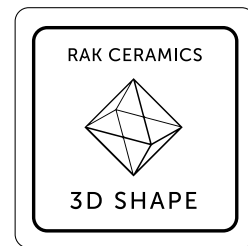
Technical and versatile surfaces suitable for any kind of usage

With a dedicated production technology able to deliver the most modern high-performing surface solution, a new variety of full-body porcelain stoneware is created. These tiles are produced using the most modern system and quality materials resulting in an extraordinary natural, high-performing variety of porcelain tiles with unique characteristics and limitless applications.

Its natural and structured features make it the perfect solution for architects' and interior designers' contemporary design needs.



## 3D SHAPE

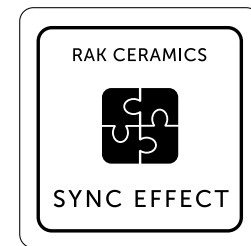


3D texture, surfaces, colours in unique materials

3D Shape is an innovative technology that combines realism and aesthetic perfection into a tile.

Each surface has varied depths and three-dimensionality, creating a visual play of 3D texture and colour, perfect for adding movement to walls and floors in interiors and exterior environments.

## SYNC EFFECT



High definition structures using digital technology

Sync Effect is a technology that creates highly defined tiles through embossed graphics and material structure on smooth and textured surfaces. The material merges with the body of the tile to create unique and realistic designs, rich in detail and depth.

## THROUGH BODY VEINS



Body through stone and marble veining

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

## LUCE



Backlighting high tech

Light becomes a design tool in the hands of the designer with the Maximus Luce translucent slabs, which enrich any environment thanks to its backlighting technology. It is an absolute novelty that will inspire creativity.

With its varied graphics and colours inspired by the most precious marbles and onyx, plus its exceptional feature of transmitting light through, Luce is the perfect solution for sophisticated commercial and residential applications.

## ORBIT 3Rs



Sustainable surfaces and designs made up to 95% of recycled materials

Orbit 3Rs is one of the latest innovations created by RAK Ceramics R&D laboratories which produces sustainable and high-performance tiles that contributes to the reduce, reuse and recycle concept. The tiles are manufactured with up to 95% recycled materials from wastes generated during the manufacturing process of ceramic tiles.

Orbit 3Rs tiles meet the architectural requirements of environmentally sustainable and durable products, making them ideal for new construction trends and tailoring private homes for both outdoor and indoor environments.

## ABSOLUTE MATT

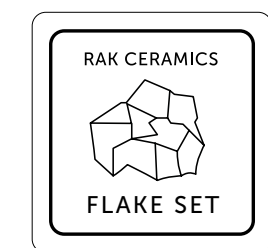


Extra matt surface with no glossy

Absolute Matt is the most recent innovation developed by RAK Ceramics R&D laboratories, which takes the concept of matte to new heights by enabling tiles to achieve an extra-matt surface; with zero reflection and a completely non-glossy finish.

Absolute Matt enhances the tile's natural texture and durability, satisfying any design project's aesthetic and functional requirements.

## FLAKE SET



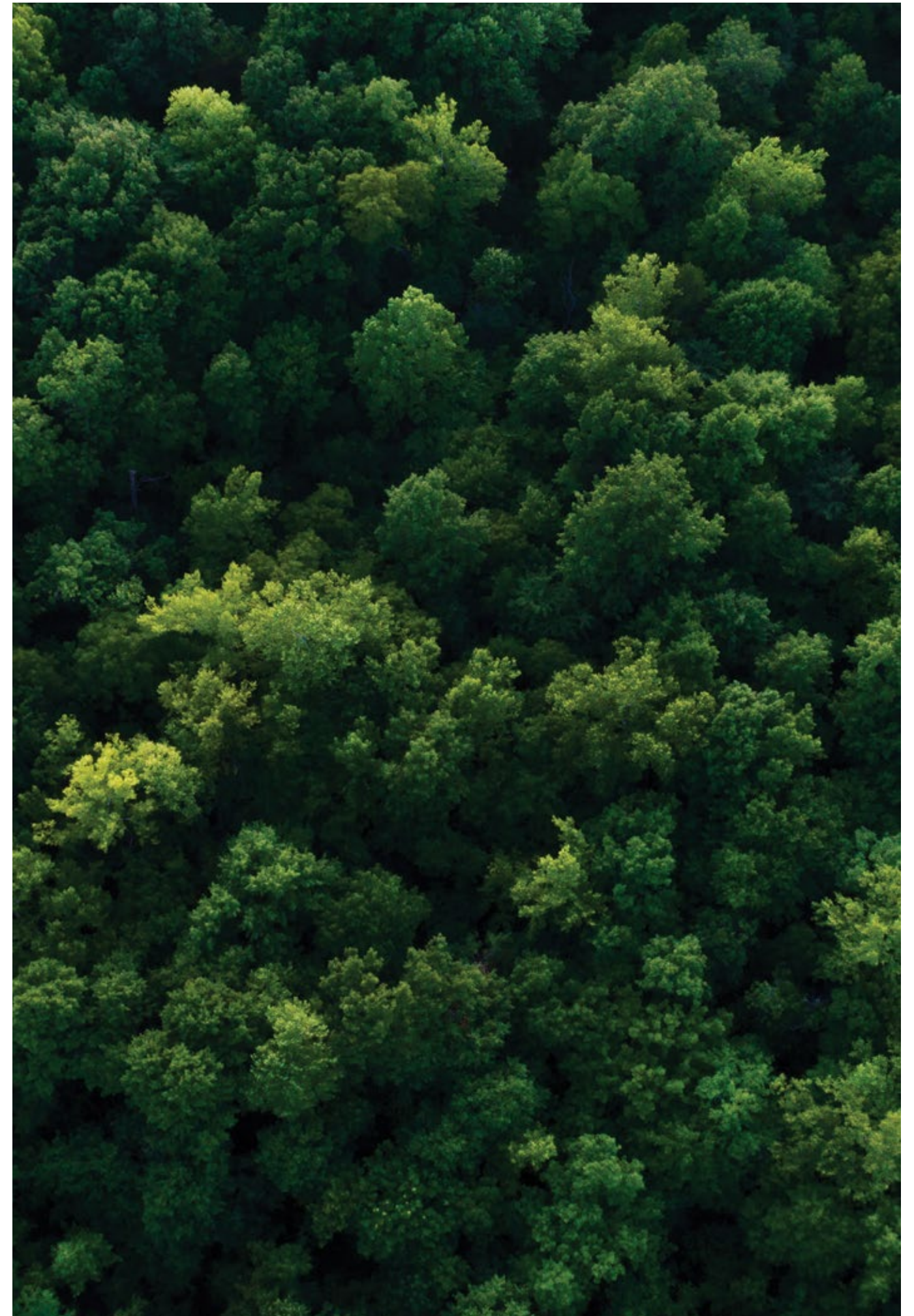
The process starts by getting flakes from atomized COLOUR body powder. The flakes are blended with the raw clay, which is then molded and fired at high temperatures to ensure the flakes are evenly distributed and firmly set. Perfect for countertops and visible tile edges, FlakeSet technology redefines elegance by beautifully emulating the look of natural stone, now seamlessly integrated throughout the tile.



## We play our role for a better environment and society

Sustainability in every sphere of business is one of the main elements of the RAK Ceramics mission statement. The company is committed to practising 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. Organisations' 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 to be awarded with **ISO 9001 certification** by internationally recognised UK certification body “CICS” (Ceramic Research Institute Certification Scheme) for ceramics tiles and sanitarywares. 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 porcelain floor and wall tiles, slabs and vitreous china sanitarywares.

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.



## A track record of expertise

RAK Ceramics' products feature in a wide range of projects: from private residential interiors to some of the most iconic buildings in the world. From the Burj Al Arab, Atlantis on The Palm and Ferrari World, to Dubai Duty Free, Wembley Stadium, The O2 Arena, Mercedes Benz Showrooms, Airports, Residential Developments and Shopping Malls all over the world.





TECHNICAL FEATURES

PORCELAIN TILES (BIa - GL) :

















Porcelain 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 porcelain 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 standard test method) and extremely high mechanical resistance (average value exceeding 40 N/mm2 according to UNI EN ISO 10545-4 standard test method). Thanks to their low porosity, these porcelain 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 ≤ 0.5%.

RAK Ceramics porcelain tiles are available in a wide range of designs, sizes and finishes.

ADVICE ON LAYING

Although our porcelain 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 - PORCELAIN TILES (BIa - GL)

RAK Ceramics Specifications					
	Test Description	Standard Test Method	International Standard ISO 13006	(Rectified)	(Unrectified)
	Length & Width	BS EN ISO 10545-2	+/- 0.6%	+/- 0.1%	+/- 0.3%
	Thickness	BS EN ISO 10545-2	+/- 5.0%	+/- 5.0%	+/- 5.0%
	Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.4%
	Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.3%
	Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%	+/- 0.3%
	Water Absorption	BS EN ISO 10545-3	<=0.5%	<=0.4%	<=0.4%
	Modulus of Rupture	BS EN ISO 10545-4	>=35 N/mm2	>=40 N/mm2	>=40 N/mm2
	Breaking Strength	BS EN ISO 10545-4	>=1300N	>=1600N	>=1600N
	Resistance to surface abrasion	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	PEI Class 2 -5	PEI Class 2 -5
	Linear Thermal Expansion	BS EN ISO 10545-8	<=9x10 <sup>-6</sup> °C <sup>-1</sup>	<=7x10 <sup>-6</sup> °C <sup>-1</sup>	<=7x10 <sup>-6</sup> °C <sup>-1</sup>
	Resistance to Thermal Shock	BS EN ISO 10545-9	No visible defect	No visible defect	No visible defect
	Crazing Resistance	BS EN ISO 10545-11	No crazing	No crazing	No crazing
	Frost Resistance	BS EN ISO 10545-12	No visible damage	No visible damage	No visible damage
	Resistance to chemicals	BS EN ISO 10545-13	No visible defect	No visible defect	No visible defect
	Resistance to stains	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min. class 4	Stain removed Min. class 4
	Colour Resistance to UV Light	DIN 51094	No change in colour	No change in colour	No change in colour

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



TECHNICAL FEATURES
















FULL BODY PORCELAIN TILES (BIA - UGL) :

Full body porcelain 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 porcelain 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 0.1% according to UNI EN ISO 10545-3 standard test method) and extremely high mechanical resistance (average value exceeding 40 N/mm2 according to UNI EN ISO 10545-4 Standard test method). Full body porcelain are suitable for heavy traffic areas as they are characterized by a deep abrasion resistance (equal to 150 mm3 of removed material, as opposed to the 175 mm3 provided for by the UNI EN ISO 10545-6 standard test method). Thanks to their low porosity, these tiles are frost-proof and rated as belonging to the Bia UGL class according to the International Standard ISO 13006 and European Standard UNI EN 14411 which requires water absorption ≤ 0.5%. Chemical acid and base resistance (UNI EN ISO 10545-13 standard test method) makes full body porcelain tiles suitable for environments where aggressive chemicals are used, e.g. food processing factories, hospitals, chemical or pharmaceutical plants. The full body porcelain tiles are available in a wide range of sizes and surfaces (slip-resistant finish also available).

ADVICE ON LAYING

Although our full body porcelain tiles can be installed using traditional cement mortars, we advise using modern adhesives. For large sizes over 40x40cm, outdoor and wall installations, 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 - FULL BODY PORCELAIN TILES (BIA - UGL)

RAK Ceramics Specifications					
	Test Description	Standard Test Method	International Standard ISO 13006	(Rectified)	(Unrectified)
	Length & Width	BS EN ISO 10545-2	+/- 0.6%	+/- 0.1%	+/- 0.3%
	Thickness	BS EN ISO 10545-2	+/- 5.0%	+/- 5.0%	+/- 5.0%
	Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.4%
	Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.3%
	Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.3%
	Water Absorption	BS EN ISO 10545-3	<=0.5%	<=0.1%	<=0.1%
	Modulus of Rupture	BS EN ISO 10545-4	>=35 N/mm2	>=40 N/mm2	>=40 N/mm2
	Breaking Strength	BS EN ISO 10545-4	>=1300N	>=1500N	>=1600N
	Resistance to deep abrasion	BS EN ISO 10545-6	<=175/mm³	<=150/mm³	<=150/mm³
	Linear Thermal Expansion	BS EN ISO 10545-8	<=9x10 <sup>-6</sup> °C <sup>-1</sup>	<=7x10 <sup>-6</sup> °C <sup>-1</sup>	<=7x10 <sup>-6</sup> °C <sup>-1</sup>
	Resistance to Thermal Shock	BS EN ISO 10545-9	No visible defect	No visible defect	No visible defect
	Frost Resistance	BS EN ISO 10545-12	No visible damage	No visible damage	No visible damage
	Resistance to chemicals	BS EN ISO 10545-13	No visible defect	No visible defect	No visible defect
	Resistance to stains	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min. class 2	Stain removed Min. class 2
	Colour Resistance to UV Light	DIN 51094	No change in colour	No change in colour	No change in colour

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



TECHNICAL FEATURES

RED BODY AND WHITE BODY CERAMIC TILES (BIII):

Red body and white body Ceramic tiles are made with finest quality clays and with chamotte (a ceramic raw material with high percentage of silica). These raw materials are submitted to dry grinding and suitably mixed and wet and then pressed with hydraulic presses. Quick-cycle support firing is obtained via roller kilns reaching temperatures of approximately 1130 °C. After biscuit glazing, the vitrified product is sintered in a single-layer roller kiln at approximately 1030 °C. The resulting wall tiles have an average bending strength that is higher than 16 N/mm2 in accordance with the UNI EN ISO10545-4 standard test method and a water absorption level that is higher than 10 %; they belong to the BIII (GL) group according to the International Standard ISO 13006 and UNI EN 14411 standard. This class of products shows virtually no shrinkage during firing; therefore such dimensional consistency results in extremely easy laying.















ADVICE ON LAYING

Ceramic Red and White body tiles can be laid using either tile adhesives or cement mortar. Under no circumstances should the tiles be wet before laying when using acrylic or vinyl resin based adhesives or two- component organic solvent based adhesives. When laying large sized tiles it is best to adopt the two layer spreading method and, when the laying surface is very large, to provide for suitable expansion joints which must not be spaced more than 4-5 linear meters apart from one another.

IMPORTANT POINTS TO REMEMBER WHILE LAYING THESE TILES

When laying on wet concrete or plaster, leave to dry for at least one week for each centimetre of thickness. When laying on brick, never lay on tile adhesive measuring more than 4-5 mm in thickness. For laying on flexible supports (for example plasterboard panels, polymer panels, etc.) which may result in movement of the tiles, we advise laying on tile adhesive measuring no more than 2-3 mm in thickness and to use class C2 or D1 glues. For laying on waterproof brick, which prevents the release of damp, we advise laying on tile adhesive measuring no more than 3 mm in thickness and to use class C2 or D1 glues. Avoid laying without expansion joints or joints where stress due to expansion is released directly onto the tile.

TECHNICAL CHARACTERISTICS - RED BODY AND WHITE BODY CERAMIC TILES (BIII)

	Test Description	Standard Test Method	International Standard ISO	RAK Ceramics Specifications
	Length & Width	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	Thickness	BS EN ISO 10545-2	+/-10%	+/- 5.0%
	Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.4%
	Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	Water Absorption	BS EN ISO 10545-3	10% < E <= 20%	10% <E <= 18%
	Modulus of Rupture	BS EN ISO 10545-4		
	Thickness > = 75mm		>=12 N/mm2	>=16 N/mm2
	Thickness < = 75mm		>=15 N/mm2	>=16 N/mm2
	Breaking Strength	BS EN ISO 10545-4		
	Thickness > = 75mm		>=600N	>=650N
	Thickness < = 75mm		>=200N	>=400N
	Resistance to surface abrasion	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	Class 2 - 4
	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
	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 4
	Scratch Hardness : (Moh's)	EN 101	-	4 - 6

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



TECHNICAL FEATURES















GRES WHITE BODY TILES (BIIA) :

Gres white body tiles are created by mixing raw materials including high quality white or red clays, quartz and feldspar in wet grinding ball mills. After grinding, a clay-based suspension of these materials called a slip is fed out of the mill then spray-dried to remove excess moisture. Following the spray drying process, the free flowing powder is pressed using advanced hydraulic presses with a specific pressing power exceeding 300 kg/cm2 in order to obtain a compact gres body. Once dried, the tiles are coated and decorated with glazes to make them aesthetically pleasing and meet our customers design requirements. The glazed tile body is then fired in roller kilns where temperatures of approximately 1200 °C are reached. The resulting product is normally a medium-to-low porosity (3% to 5%) tile, in compliance with the International Standard ISO 13006 and European Standard UNI EN 14411 standard and rated as belonging to the BIIa GL group with notable technological specifications such as the product flexural strength (average value: 30N/mm2 according to UNI EN ISO 10545-4 standard test method). As for wear resistance, this will depend on the type and colour of glazing and may change according to different products or collections. As a general rule, bright finishes are not recommended for heavy traffic floors or rooms opening onto outdoor areas, where sand or other abrasive materials are more likely to be brought in.

ADVICE ON LAYING

Our gres white body tiles can be laid using either traditional cement mortar or modern tile adhesives. When laying large size tiles, it is best to adopt the two-layer spreading system to ensure the adhesive is spread over 90 % of the tile surface. Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion, however, do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic-solvent based adhesive. It is advisable to always incorporate suitable shrinkage-flexion joints (movement/expansion joints) which must not be spaced more than 4-5 metres apart from one another. These joints must be inserted not only between the tiles, but also reach the levelling compound below, consisting of either cement mortar or dry compound, depending on whether the tiles are set in the traditional manner or using a modern adhesive. The movement joints must be sealed with appropriate materials such as silicone or polyurethane-based sealants, depending on the anticipated traffic of the application area. Appropriate tile bedding layers should be used such as underlay, damp course, vapour barrier or any other layer necessary to prevent the tiles from detaching themselves or cracking due to water penetration.

TECHNICAL CHARACTERISTICS - GRES WHITE BODY TILES (BIIA)

	Test Description	Standard Test Method	International Standard ISO	RAK Ceramics Specifications
	Length & Width	BS EN ISO 10545-2	+/- 0.6%	+/- 0.3%
	Thickness	BS EN ISO 10545-2	+/-5.0%	+/- 5.0%
	Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.4%
	Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.4%
	Water Absorption	BS EN ISO 10545-3	3% < E <= 6%	3% <E <= 5%
	Modulus of Rupture	BS EN ISO 10545-4	>=22 N/mm2	>=30 N/mm2
	Breaking Strength	BS EN ISO 10545-4		
	Thickness > = 7.5mm		>=1000N	>=1100N
	Thickness < = 7.5mm		>=600N	>=800N
	Resistance to surface abrasion	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	Class 2 - 4
	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
	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 4
	Scratch Hardness : (Moh's)	EN 101	-	4 - 6

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



MAINTENANCE AND CLEANING OF TILES

- Maintenance of ceramic and porcelain tiles on dry surfaces is relatively easy. RAK Ceramics tiles are highly scratch and stain resistant.
- By regularly sweeping the floor, you can help avoid scratches that small pebbles or sand can create.
  - Make it a habit to always wipe the soles of your shoes on a mat before entering the house. Thoroughly wipe up any spills using plain warm water.
  - While they are not likely to stain your ceramic tiles, spills may stain the grout between the tiles and if they are left to sit for too long, may also stain the actual tiles.
  - Plain water is the ideal cleaner because it leaves no residue if you dry the surface of the tiles thoroughly after cleaning.
  - If tiles are left wet after cleaning, there may be some unsightly mineral residue after the water dries, but this can easily be removed by spot cleaning.
  - If stains resist cleaning with water alone, you can use a mild acidic solution, such as white vinegar. Use it highly diluted and rinse with plain water then dry.
  - As food stains are acidic in nature, try using a mild alkaline solution.
  - Use common detergents sparingly, rinse with plain water and dry thoroughly.

TILE-LAYING RECOMMENDATIONS

All RAK Ceramics products are subject to size and shade variations. Please check the size, batch number, caliber, tone, choice, colour, quality of the pieces before the installation, as no claims will be accepted once the tiles are installed.

Place some tiles on the floor – 2 or 3 sqm – and check the overall technical and aesthetic characteristics with care and check if there is enough product to finish the work.

Manufacturer's responsibility is only limited to replacement of defective material if any, prior to fixing of tiles and we will not entertain claim of any nature after the tiles are installed.

Therefore, if any issue is found on the delivered product, the contractor for installation or the client should not install the tiles. The issue should be communicated to RAK Ceramics for investigation and further action for resolution as required.

The substrate must be a compact cement bed. Levelling system ensures flatness between tiles avoiding movements during the mortar setting. This reduces the time for the ceramic laying obtaining a perfect lippage-free finish. Avoid movements between the tiles due to the mortar setting.

The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards. The grout colour should be selected according to the colour of the tile. We recommend to select a matching colour. Before using fine-grain coloured grout on lapped, polished or brushed products, always test it. If the pigment is very adhesive, it may be very difficult to remove.

We recommend to lay the tiles by using suitable adhesives for each kind of product and surface. As general rule, tiles must be installed in the same position. The minimum joint is 2 mm for rectified tiles, although we suggest a higher joint for big size products. After grouting, remove any excess product as quickly as possible by repeatedly washing the area with a sponge and water.

Steps to follow 1. First, set the tool to the scale according to the ceramic thickness. 2. Introduce the crossheads and continue laying the adjacent tiles. 3. Put the wedges in the crosshead manually. 4. Tighten the wedges with the pliers to level the pieces. 5. Allow for setting for the time recommended by the manufacturer of the adhesive cement. 6. Remove the crossheads. Hit the crosshead with a rubber mallet or with your foot in the direction of the joint. Do not hit the wedges.

The company will not accept any claim if this is due to the problems caused by not following these suggestions and instructions.



ICONS

COLOUR VARIATIONS



V1 EVEN

The least amount of shade variation attainable.



V2 LIGHT

Light to moderate shade variation within each carton.



V3 MEDIUM

Medium to high shade variation within each carton.

INDICATIONS FOR USE



WALL TILES



FLOOR TILES



COUNTERTOP SURFACE

SUGGESTED APPLICATIONS



DOMESTIC PURPOSE

Residential areas, hotel rooms, bathrooms



LIGHT COMMERCIAL TRAFFIC AREA

Indoor public areas subject to medium pedestrian traffic such as restaurants, bars, offices, shops, hotel public areas, convention rooms.



OUTDOOR

Outdoor public environments subject to medium pedestrian traffic such as outdoor terraces, stairs, corridors, raised paving, private garden, swimming pool and wellness areas. Always check the slipperiness characteristics according to the intended environment, in conformity with applicable regulations or laws.



HEAVY COMMERCIAL TRAFFIC AREA

Industrial floors such as warehouses, deposits, factories.

R RATING



R9

indicates a normal grip with an inclination plane from 3° to 10°



R10

indicates a medium grip with an inclination plane from 10° to 19°



R11

indicates a high grip with an inclination plane from 19° to 27°

CLASSIFICATION	TYPICAL APPLICATIONS	MEAN CRITICAL ANGLE VALUE
Class A	Barefoot, but mainly dry aisles and walkways, dry changing areas.	≥ 12 °
Class B	Shower rooms, pool surrounds, wet changing areas (plus all areas covered by Class A).	≥ 18 °
Class C	Areas constantly under water, e.g. steps into pools, foot baths, inclined pool surrounds, Jacuzzis (plus all areas covered by Class A and B).	> 24 °

In printing, colour of the products may differ slightly from actual, pictures are only for reference.

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