



SIGNATURE  
COLLECTION

**KLIMA**  
INNOVATION AND SUSTAINABILITY

SIGNATURE  
COLLECTION

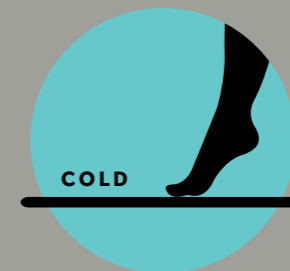
**RAK Ceramics presents Signature Collection**, its latest selection of luxury, stylish and high end products, providing you with unlimited solutions for your design requirements. A boutique ready-made collection always available. Signature Collection captures the essence of quality and showcases the production capabilities of RAK Ceramics, with luxury concepts developed in a huge 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 needs.

# KLIMA

INNOVATION AND SUSTAINABILITY

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



## OUTDOOR USE

When installed on outdoor flooring, Klima repels the heat from sunlight, resisting high temperatures. Even with significant sun exposure, the surface is not burning hot and floor remains cool and pleasant to walk on with bare feet.



## INDOOR USE

When applied on indoor flooring, Klima retains room heat and releases it over the entire surface, producing a warmer feel than a standard floor. Ideal for surfaces that provide a wood-like effect, imparting a warmth and a comfort to be experienced.



## ENERGY SAVING

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

# ICONS

## TECHNICAL INFORMATION

### TYOLOGY



### EDGE



### SURFACE STRUCTURE



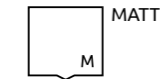
Tiles with an uneven, irregular surface, with a structure perceptible to the eye and touch.

### FINISH



Pressed tiles without further work after firing.

### SURFACE LOOK



Natural looking surface.

### COLOUR VARIATIONS



Light to moderate shade variation within each carton.

### INDICATIONS FOR USE



### SUGGESTED APPLICATIONS



Residential areas, hotel rooms, bathrooms



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



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.

FLOOR: CORAL STONE BEIGE 60X60 CM



CORAL STONE

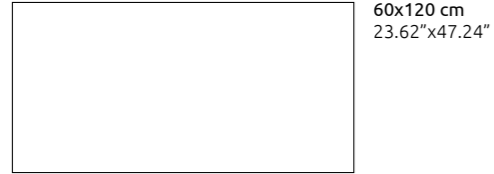
FLOOR: CORAL STONE BEIGE 60X60 CM



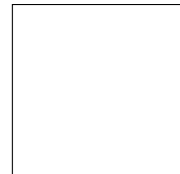
WALL: CORAL STONE LIGHT GREY 60X60 CM,  
CORAL STONE DARK GREY 60X60 CM.  
FLOOR: CORAL STONE BEIGE 60X60 CM



# CORAL STONE



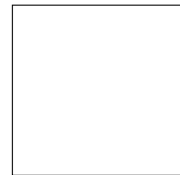
60x120 cm  
23.62"x47.24"



60x60 cm  
23.62"x23.62"



30x60 cm  
11.81"x23.62"



60x60 cm  
23.62"x23.62"



20 mm Thickness

CORAL STONE LIGHT GREY



CORAL STONE GREY



Name	Code	Size(CM)	Code	Size(CM)	Code	Size(CM)
CORAL STONE LIGHT GREY	A12GCLNA-LGY.A6X5R	60x120	A06GCLNA-LGY.A6X0R	60x60	A06GCLNA-LGY.A6X7R	60x60
CORAL STONE GREY	A12GCLNA-GRY.A6X5R	60x120	A06GCLNA-GRY.A6X0R	60x60	A06GCLNA-GRY.A6X7R	60x60
CORAL STONE IVORY	A12GCLNA-IVO.A6X5R	60x120	A06GCLNA-IVO.A6X0R	60x60	A06GCLNA-IVO.A6X7R	60x60
CORAL STONE BEIGE	A12GCLNA-BEE.A6X5R	60x120	A06GCLNA-BEE.A6X0R	60x60	A06GCLNA-BEE.A6X7R	60x60
CORAL STONE LIGHT GREY	A09GCLNA-LGY.A6X0R	30x60				
CORAL STONE GREY	A09GCLNA-GRY.A6X0R	30x60				
CORAL STONE IVORY	A09GCLNA-IVO.A6X0R	30x60				
CORAL STONE BEIGE	A09GCLNA-BEE.A6X0R	30x60				

## PACKAGING

Sizes (cm)	Thickness (mm)	Pz X	M <sup>2</sup> X	Kg X	X Eu. Pallet	M <sup>2</sup> X Eu. Pallet	kg X Eu. Pallet
60x120	9	2	1.44	30.00	30	43.20	921.00
60x60	9	4	1.44	30.00	30	43.20	921.00
30x60	9	6	1.08	23.00	48	51.84	1125.00
60x60	20	2	0.72	32.00	30	21.60	1000.00

CORAL STONE IVORY



CORAL STONE BEIGE





WALL: FLAG STONE LIGHT SAND 60X120 CM



## FLAG STONE

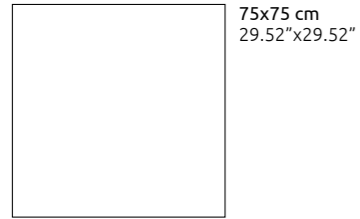
WALL: FLAG STONE LIGHT GREY 60X120 CM  
FLOOR: FLAG STONE LIGHT GREY 60X120 CM



WALL: FLAG STONE LIGHT SAND 60X120 CM  
FLOOR: FLAG STONE SAND 60X120 CM



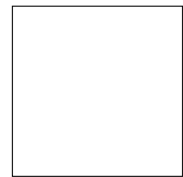
# FLAG STONE



75x75 cm  
29.52"x29.52"



60x120 cm  
23.62"x47.24"



60x60 cm  
23.62"x23.62"



Mosaic  
30x30 cm  
11.81"x11.81"



Mosaic  
30x40 cm  
11.81"x15.74"



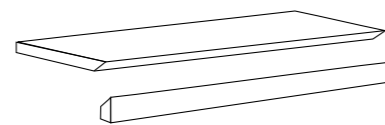
Mosaic  
30x45 cm  
11.81"x17.71"



Mosaic  
30x60 cm  
11.81"x23.62"



Step  
30x60 cm  
11.81"x23.62"



Step  
30x120 cm  
11.81"x47.24"

Riser  
5x120 cm  
1.96"x47.24"



Skirting  
75x8 cm  
29.52"x3.14"



Skirting  
60x8 cm  
23.62"x3.74"

FLAG STONE WHITE



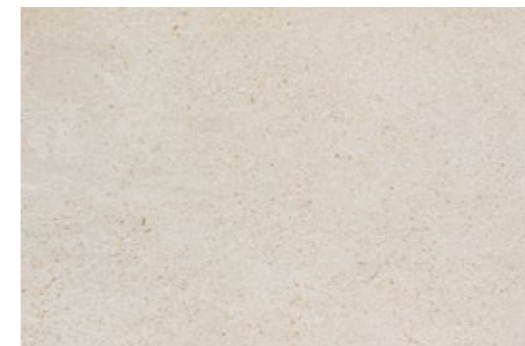
FLAG STONE LIGHT GREY



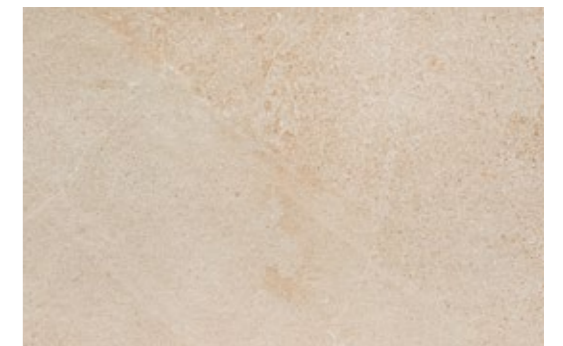
FLAG STONE GRAPHITE GREY



FLAG STONE LIGHT SAND



FLAG STONE SAND



# FLAG STONE

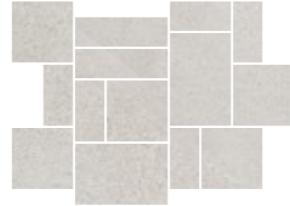


FLAG STONE MOSAIC\*



30X30 CM / 11.81"X11.81"

FLAG STONE MOSAIC\*



30X40 CM / 11.81"X15.74"

FLAG STONE MOSAIC\*



30X45 CM / 11.81"X11.81"

FLAG STONE MOSAIC\*



30X45 CM / 11.81"X17.71"

\*Available in all colours

## PACKAGING

Sizes (cm)	Thickness (mm)	Pz X	M <sup>2</sup> X	Kg X	RM X	X Sq. Pallet	M <sup>2</sup> X Sq. Pallet	kg X Sq. Pallet	X Eu. Pallet	M <sup>2</sup> X Eu. Pallet	kg X Eu. Pallet
75x75	9	2	1.12	24.00	-	-	-	-	44	49.28	1077.00
60x120	9	2	1.44	30.00	-	-	-	-	30	43.20	921.00
60x60	9	4	1.44	30.00	-	-	-	-	30	43.20	921.00
MOSAIC 30x30	9	10	-	14.00	-	-	-	-	48	-	672.00
MOSAIC 30x40	9	8	-	13.00	-	-	-	-	48	-	624.00
MOSAIC 30x45	9	6	-	15.00	-	-	-	-	30	-	450.00
MOSAIC 30X60	9	6	-	17.00	-	-	-	-	30	-	510.00
STEPS 30x120	9	2	0.72	20.00	-	-	-	-	-	-	-
STEPS 30x60	9	6	-	18.00	-	-	-	-	48	-	900.00
SKIRTING 75x8	9	10	-	14.40	7.5	-	-	-	66	-	950.40
SKIRTING 60x8	9	18	-	19.00	-	80	-	1520.00	-	-	-

Name	Code	Size(CM)	Code	Size(CM)	Code	Size(CM)
FLAG STONE WHITE	A12GFGSN-WHE.M6X5R	60X120	A06GFGSN-WHE.M6X0R	60X60	A75GFGSN-WHE.M6X5R	75X75
FLAG STONE LIGHT GREY	A12GFGSN-LIG.M6X5R	60X120	A06GFGSN-LIG.M6X0R	60X60	A75GFGSN-LIG.M6X5R	75X75
FLAG STONE GRAPHITE GREY	A12GFGSN-GPG.M6X5R	60X120	A06GFGSN-GPG.M6X0R	60X60	A75GFGSN-GPG.M6X5R	75X75
FLAG STONE LIGHT SAND	A12GFGSN-LHS.M6X5R	60X120	A06GFGSN-LHS.M6X0R	60X60	A75GFGSN-LHS.M6X5R	75X75
FLAG STONE SAND	A12GFGSN-SND.M6X5R	60X120	A06GFGSN-SND.M6X0R	60X60	A75GFGSN-SND.M6X5R	75X75

Name	Code	Size(CM)	Name	Code	Size(CM)
FLAG STONE WHITE MOSAIC 30X30	AGMZZFSGSNWHE008620	30X30	FLAG STONE WHITE MOSAIC 30X40	AGMZZFSGSNWHE008552	30X40
FLAG STONE LIGHT GREY MOSAIC 30X30	AGMZZFSGSNLIG008617	30X30	FLAG STONE LIGHT GREY MOSAIC 30X40	AGMZZFSGSNLIG008549	30X40
FLAG STONE GRAPHITE GREY MOSAIC 30X30	AGMZZFSGSNGPG008616	30X30	FLAG STONE GRAPHITE GREY MOSAIC 30X40	AGMZZFSGSNGPG008548	30X40
FLAG STONE LIGHT SAND MOSAIC 30X30	AGMZZFSGSNLHS008618	30X30	FLAG STONE LIGHT SAND MOSAIC 30X40	AGMZZFSGSNLHS008550	30X40
FLAG STONE SAND MOSAIC 30X30	AGMZZFSGSNSND008619	30X30	FLAG STONE SAND MOSAIC 30X40	AGMZZFSGSNSND008551	30X40

FLAG STONE WHITE MOSAIC 30X45	AGMZZFSGSNWHE008444	30X45	FLAG STONE WHITE MOSAIC 30X60	AGMZZFSGSNWHE008165	30X60
FLAG STONE LIGHT GREY MOSAIC 30X45	AGMZZFSGSNLIG008441	30X45	FLAG STONE LIGHT GREY MOSAIC 30X60	AGMZZFSGSNLIG008162	30X60
FLAG STONE GRAPHITE GREY MOSAIC 30X45	AGMZZFSGSNGPG008440	30X45	FLAG STONE GRAPHITE GREY MOSAIC 30X60	AGMZZFSGSNGPG008161	30X60
FLAG STONE LIGHT SAND MOSAIC 30X45	AGMZZFSGSNLHS008442	30X45	FLAG STONE LIGHT SAND MOSAIC 30X60	AGMZZFSGSNLHS008163	30X60
FLAG STONE SAND MOSAIC 30X45	AGMZZFSGSNSND008443	30X45	FLAG STONE SAND MOSAIC 30X60	AGMZZFSGSNSND008164	30X60

FLAG STONE WHITE SKIRTING	AGSZZFGSNWHE015074	75X8	FLAG STONE WHITE SKIRTING	AGSZZFGSNWHE009721	60X8
FLAG STONE LIGHT GREY SKIRTING	AGSZZFGSNLIG015071	75X8	FLAG STONE LIGHT GREY SKIRTING	AGSZZFGSNLIG009719	60X8
FLAG STONE GRAPHITE GREY SKIRTING	AGSZZFGSNGPG015070	75X8	FLAG STONE GRAPHITE GREY SKIRTING	AGSZZFGSNGPG009717	60X8
FLAG STONE LIGHT SAND SKIRTING	AGSZZFGSNLHS015072	75X8	FLAG STONE LIGHT SAND SKIRTING	AGSZZFGSNLIG009718	60X8
FLAG STONE SAND SKIRTING	AGSZZFGSNSND015073	75X8	FLAG STONE SAND SKIRTING	AGSZZFGSNSND009720	60X8

FLAG STONE WHITE STEP	AGTZZFSGSNWHE009417	30X120	FLAG STONE WHITE STEP	AGTZZFSGSNWHE017821	30X60
FLAG STONE LIGHT GREY STEP	AGTZZFSGSNLIG009415	30X120	FLAG STONE LIGHT GREY STEP	AGTZZFSGSNLIG017818	30X60
FLAG STONE GRAPHITE GREY STEP	AGTZZFSGSNGPG009413	30X120	FLAG STONE GRAPHITE GREY STEP	AGMZZFSGSNGPG017817	30X60
FLAG STONE LIGHT SAND STEP	AGTZZFSGSNLHS009414	30X120	FLAG STONE LIGHT SAND STEP	AGTZZFSGSNLHS017819	30X60
FLAG STONE SAND STEP	AGTZZFSGSNSND009416	30X120	FLAG STONE SAND STEP	AGTZZFSGSNSND017820	30X60

FLAG STONE WHITE RISER	AGRZZFSGSNWHE009422	5X120			
FLAG STONE LIGHT GREY RISER	AGRZZFSGSNLIG009420	5X120			
FLAG STONE GRAPHITE GREY RISER	AGRZZFSGSNGPG009418	5X120			
FLAG STONE LIGHT SAND RISER	AGRZZFSGSNLHS009419	5X120			
FLAG STONE SAND RISER	AGRZZFSGSNSND009421	5X120			

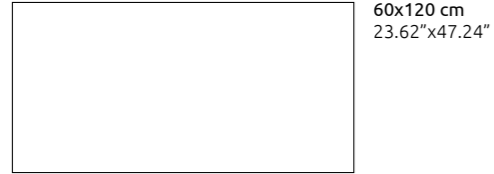
FLOOR: SALENTO BROWN 60X60 CM



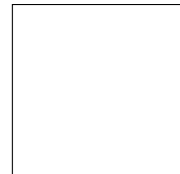
SALENTO



# SALENTO



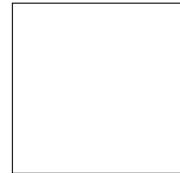
60x120 cm  
23.62"x47.24"



60x60 cm  
23.62"x23.62"



30x60 cm  
11.81"x23.62"



60x60 cm  
23.62"x23.62"

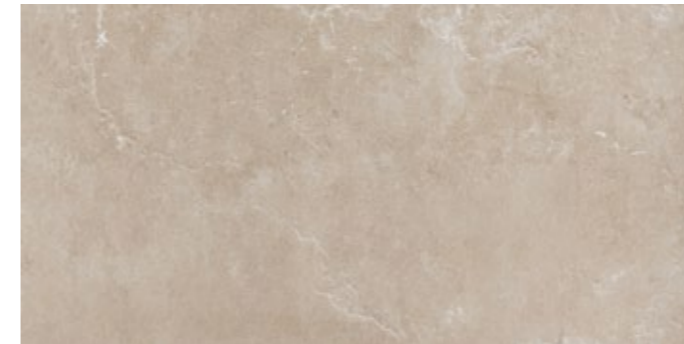


20 mm Thickness

SALENTO BEIGE



SALENTO BROWN



SALENTO GREY



Name	Code	Size(CM)	Code	Size(CM)	Code	Size(CM)
SALENTO BEIGE	A12GSLTO-BEE.A6X5R	60x120	A06GSLTO-BEE.A6X0R	60x60	A06GSLTO-BEE.A6X7R	60x60
SALENTO BROWN	A12GSLTO-BRN.A6X5R	60x120	A06GSLTO-BRN.A6X0R	60x60	A06GSLTO-BRN.A6X7R	60x60
SALENTO GREY	A12GSLTO-GRY.A6X5R	60x120	A06GSLTO-GRY.A6X0R	60x60	A06GSLTO-GRY.A6X7R	60x60
SALENTO BEIGE	A09GSLTO-BEE.A6X0R	30x60				
SALENTO BROWN	A09GSLTO-BRN.A6X0R	30x60				
SALENTO GREY	A09GSLTO-GRY.A6X0R	30x60				

## PACKAGING

Sizes (cm)	Thickness (mm)	Pz X	M² X	Kg X	X Eu. Pallet	M² X Eu. Pallet	kg X Eu. Pallet
60x120	9	2	1.44	30.00	30	43.20	921.00
60x60	9	4	1.44	30.00	30	43.20	921.00
30x60	9	6	1.08	23.00	48	51.84	1125.00
60x60	20	2	0.72	32.00	30	21.60	1000.00



# TECHNICAL FEATURES

## PORCELAIN TILES (Bla - 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/cm<sup>2</sup>. 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/mm<sup>2</sup> according to UNI EN ISO 10545-4).

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

The MoR (modulus of rupture) in accordance with UNI EN ISO 10545-4 results to 40 N/mm<sup>2</sup> while the required value is 35 N/mm<sup>2</sup>. 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.

## R RATING TABLE

COLLECTIONS	TPOLOGY	COLOURS	R N	R AC
CORAL STONE	PORCELAIN TILES	LIGHT GREY	R10 / A	R11 / A+B
		GREY	R10 / A	R11 / A+B
		IVORY	R10 / A	R11 / A+B
		BEIGE	R10 / A	R11 / A+B
FLAG STONE	PORCELAIN TILES	WHITE	R10 / A+B	-
		LIGHT GREY	R10 / A+B	-
		GRAPHITE GREY	R10 / A+B	-
		LIGHT SAND	R10 / A+B	-
		SAND	R10 / A+B	-
SALENTO	PORCELAIN TILES	BEIGE	R10 / A	R11 / A+B
		BROWN	R10 / A	R11 / A+B

## TECHNICAL CHARACTERISTICS - PORCELAIN TILES (Bla - GL)

TEST DESCRIPTION	STANDARD TEST METHOD	INTERNATIONAL STANDARD ISO 13006	RAK Ceramics Specifications	
			(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 COLOR	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

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**RAKCERAMICS.COM**

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RAK  
CERAMICS