

New Bathrooms

collection



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Marble Athena White 24.4×74.4 R | Cemento Salvia Green 24.4×74.4 R | Terrazzo Veneto Green 60×60 R

Index

4	History
10	Neutral Shades
22	Bright Colors
40	Items
50	Matching
60	Technical Data



Marble Venato White 24.4×74.4 R | Canella Ochre 15.5×60.5

A long story of product research, excellent quality and innovation.

Established in 1973, KAI is the leader in the production and sale of ceramic tiles in Bulgaria and the region. KAI delivers products of high quality and modern design, reaching homes in over 25 countries around the world.

Vision

The main aim of the company is delivering high-quality products with modern design and excellent quality. KAI is determined to continue following the latest trends and

innovations in the worldwide ceramic industry, offering solutions to architects, designers and end consumers through innovation, quality, and customer satisfaction.

Key milestones

The 1980s

The continuous pursuit of advanced technology led KAI to secure additional machines and equipment in 1985. KAI starts production of floor tiles (monocottura) in size 20×20.

The 2000s

2004 KAI starts to produce porcelain tiles for the first time. Two years later, the company expands its portfolio manufacturing unglazed porcelain tiles.

The 2020s

In 2020 KAI implements the first rectification line. The company makes further strategic investments and during the year the first production of 2 cm thick tiles was started. In 2022, the company introduces new formats and finishes and invests in further technological investments to increase production and competitiveness.

The 1970s

KAI started-up its first production line, specializing in 15×15 double firing (bicottura) tiles, marking the company's first significant step in the ceramic industry.

The 1990s

In the mid-90s, KAI starting with the installation of the first roller kiln for wall tile double fast firing production in 1995. By 1998, the two ceramic factories pass a process of public privatization and became a group with main shareholder ECM (Europe Capital Management).

The 2010s

The decade began with the installation of the first digital machine for decoration and the production of first digital collections for wall and porcelain tiles. 2015 marked a milestone for KAI as it became part of Mohawk Industries, the world's biggest flooring manufacturer and a multinational group listed on the New York Stock Exchange. In 2018, KAI makes significant optimization in its warehouses, increasing their storage space and capacity. Through digital evolution and new websites, the company becomes more user friendly and communicative.

Residential and commercial spaces acquire naturalness and harmony.

Embracing the welcoming warmth and intimacy at the heart of the notion of “home” as somewhere always open to free interpretation.





NEUTRAL SHADES

Classic, refined style with modern touch





A HOMELY FEEL
EVERYWHERE



Neutral

Shades



Neutral

Shades



Neutral

Shades



**Mix of surfaces, colors
and styles to design your
personal mood.**



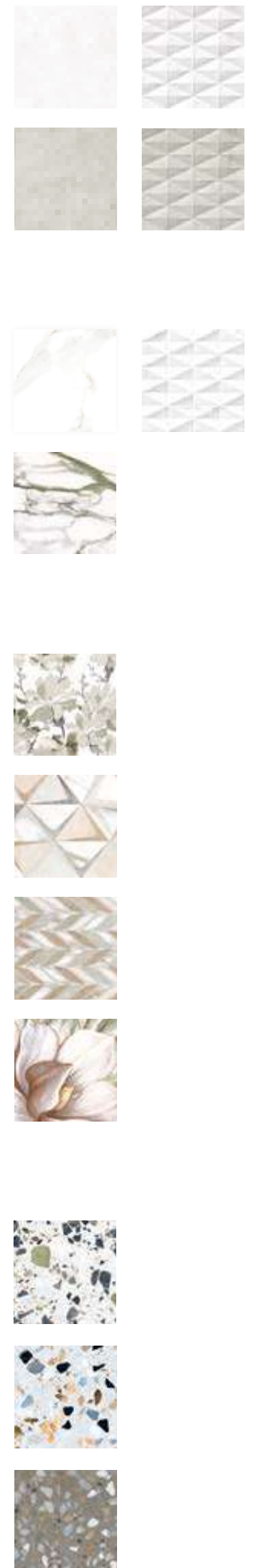


BRIGHT COLORS

Sophisticated colours and tactile surfaces
for spaces with a natural mood



DESIGNING WITH HARMONY AND CREATIVITY



Bright

Colors



Bright

Colors



Bright

Colors



KAI presents a specially designed collection with combining wall and floor coverings.

Marble, concrete and wood are the inspirations for ceramic surfaces created to work together naturally through sizes, colors and structures that come together in a pleasing Mix & Match of refined, contemporary styles and solutions.





CALM ELEGANCE
IN MODERN STYLE



Bright

Colors



Bright

Colors



Items



Marble

- Marble Athena
- Marble Venato
- Marble Borgo
- Marble Verde
- Marble Viola

Cemento

- Cemento Perla
- Cemento Cream
- Cemento Silver
- Cemento Salvia
- Cemento Rosa

Terrazzo

- Terrazzo White
- Terrazzo Blue
- Terrazzo Green
- Terrazzo Grey

Geometric

- Ornamento White
- Ornamento Mix

Wood

- Alpino
- Ascot
- Canella
- Moringa
- Tavolato
- Braga
- Como
- Onda

Wall tile

Marble design

PACKING									
Size cm	Type	pc.	m²	pc.	m²	kg			
24.4×74.4 R	wall	6	1.09	54	58.82	915			 24.4×74.4 R



3389 Marble Athena White
24.4×74.4 R



3387 Marble Venato White
24.4×74.4 R



3391 Marble Borgo Beige
24.4×74.4 R



3392 Marble Verde Green
24.4×74.4 R



3393 Marble Viola Bordo
24.4×74.4 R



3390 Marble Athena Diamond White
24.4×74.4 R



3388 Marble Venato Diamond White
24.4×74.4 R

Porcelain tile

Marble design

PACKING									
Size cm	Type	pc.	m²	pc.	m²	kg			
60x60 R	porcelain	3	1.08	48	51.84	985			 60×60 R



6530 Marble Athena White
60×60 R



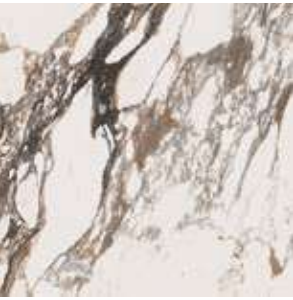
6529 Marble Venato White
60×60 R



6531 Marble Borgo Beige
60×60 R



6532 Marble Verde Green
60×60 R



6533 Marble Viola Bordo
60×60 R

Wall tile

Concrete design

PACKING									
Size cm	Type	pc.	m²	pc.	m²	kg			
24.4×74.4 R	wall	6	1.09	54	58.82	915			 24.4×74.4 R



3394 Cemento Perla White
24.4×74.4 R



3396 Cemento Cream Beige
24.4×74.4 R



3398 Cemento Silver Grey
24.4×74.4 R



3400 Cemento Salvia Green
24.4×74.4 R



3402 Cemento Rosa Pink
24.4×74.4 R



3395 Cemento Perla Diamond White
24.4×74.4 R



3397 Cemento Cream Diamond Beige
24.4×74.4 R



3399 Cemento Silver Diamond Grey
24.4×74.4 R



3401 Cemento Salvia Diamond Green
24.4×74.4 R



3403 Cemento Rosa Diamond Pink
24.4×74.4 R

Porcelain tile

Concrete design

PACKING									
Size cm	Type	pc.	m²	pc.	m²	kg			
60x60 R	porcelain	3	1.08	48	51.84	985			 60×60 R



6534 Cemento Perla White
60×60 R



6535 Cemento Cream Beige
60×60 R



6536 Cemento Silver Grey
60×60 R



6537 Cemento Salvia Green
60×60 R



6538 Cemento Rosa Pink
60×60 R

Wall tile

Decors

PACKING						
Size cm	Type	pc.	m²	pc.	m²	kg
24.4×74.4 R	decor	6	1.09	54	58.82	915
24.4×74.4 R	decor	4		40		



24.4×74.4 R



3407 Cemento Cream Triangles Beige
24.4×74.4 R



3404 Marble Verde Geometric Green
24.4×74.4 R



3405 Marble Viola Geometric Bordo
24.4×74.4 R



3408 Cemento Chevron Mix Grey
24.4×74.4 R



3406 Cemento Salvia Flora Green
24.4×74.4 R

Wall tile

Deco sets

PACKING						
Size cm	Type	pc.	m²	pc.	m²	kg
73.2×74.4 R	deco set (3)	1		40		



24.4×74.4 R



3409 Cemento Perla Magnolia White
73.2×74.4 R

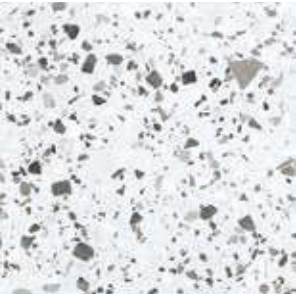


3410 Cemento Perla Mimosa White
73.2×74.4 R

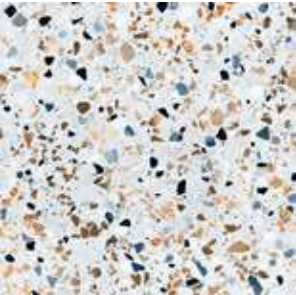


Porcelain tile

Terrazzo & Geometric design



6539 Terrazzo Veneto White
60×60 R



6542 Terrazzo Veneto Blue
60×60 R



6540 Terrazzo Veneto Green
60×60 R



6541 Terrazzo Veneto Grey
60×60 R

PACKING						
Size cm	Type	 pc.	 m²	 pc.	 m²	 kg
60×60 R	porcelain	3	1.08	48	51.84	985



6543 Ornamento White
60×60 R



6544 Ornamento Mix Beige
60×60 R



60×60 R

Porcelain tile

Wood Planks



6047 Alpino Beige
15.5×60.5



9750 Ascot Brown
15.5×60.5



8975 Canella Ochre
15.5×60.5



8978 Canella Grey
15.5×60.5



8980 Moringa Brown
15.5×60.5



8982 Moringa Grey
15.5×60.5



9241 Tavolato Brown
15.5×60.5

PACKING						
Size cm	Type					
		pc.	m²	pc.	m²	kg
15.5×60.5	porcelain	11	1.03	48	49.5	1030
15×90	porcelain	8	1.08	48	51.8	1095



15.5×60.5



15×90



9204 Braga Brown
15×90



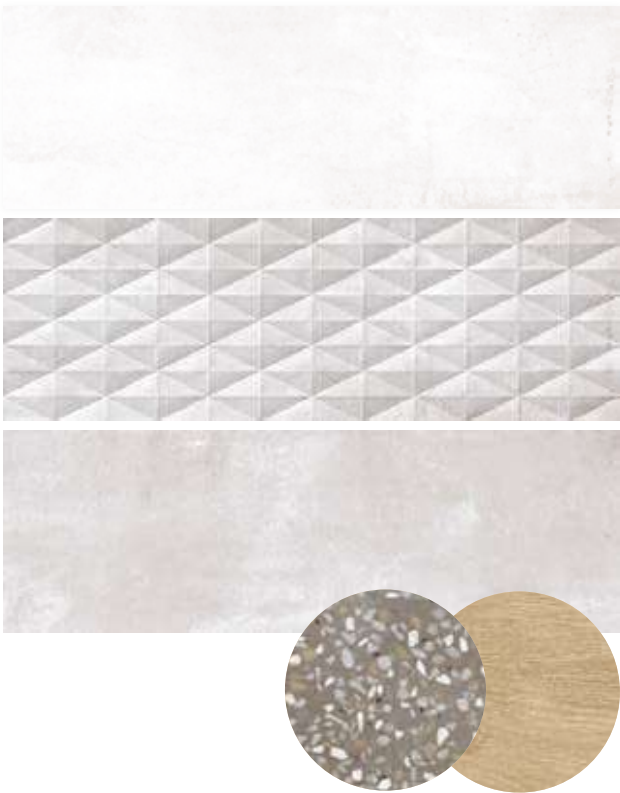
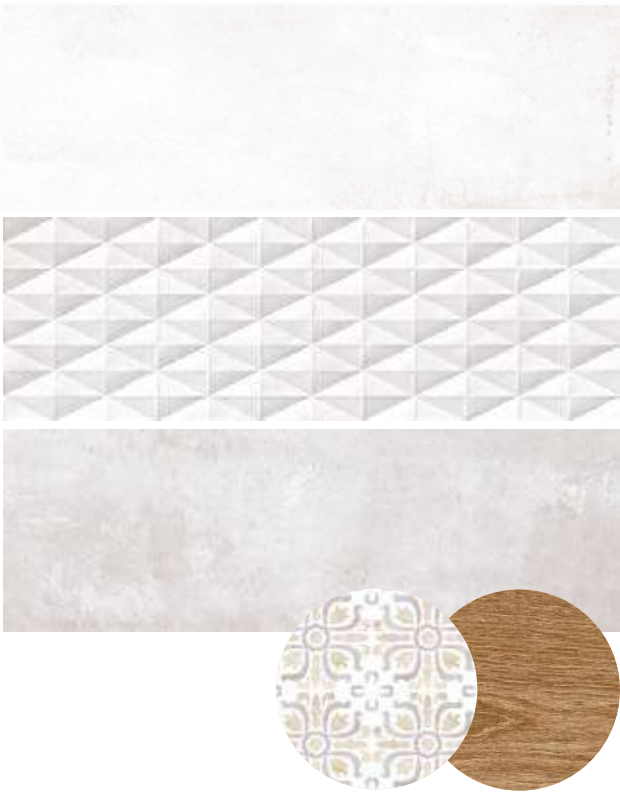
9801 Como Brown
15×90



9199 Onda Brown
15×90

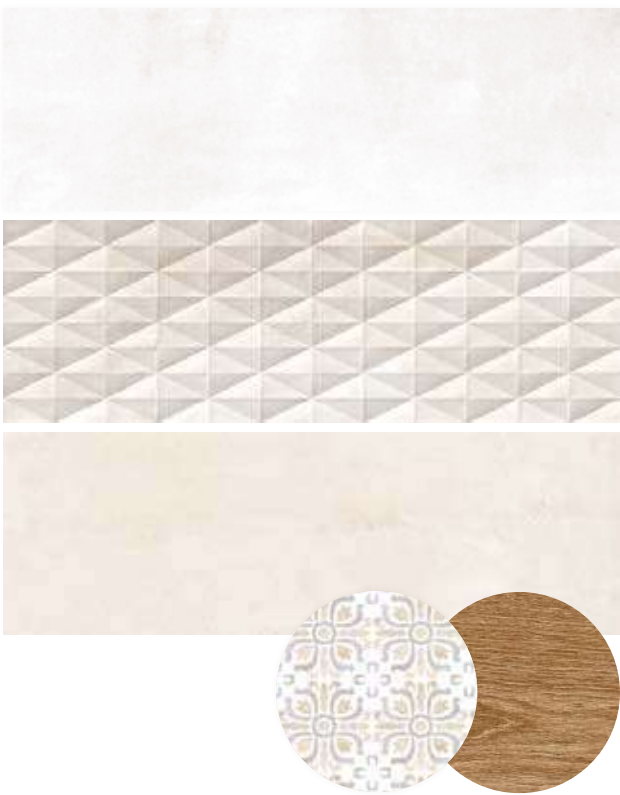
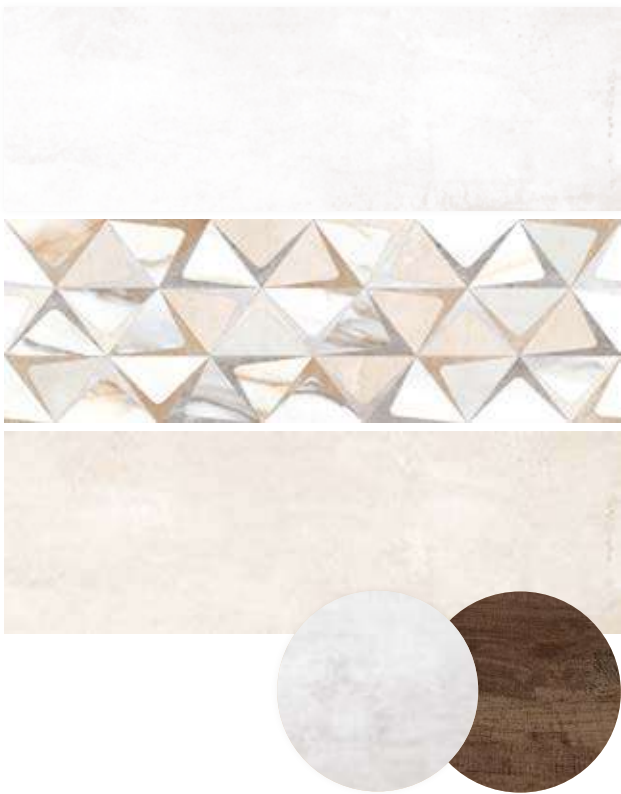
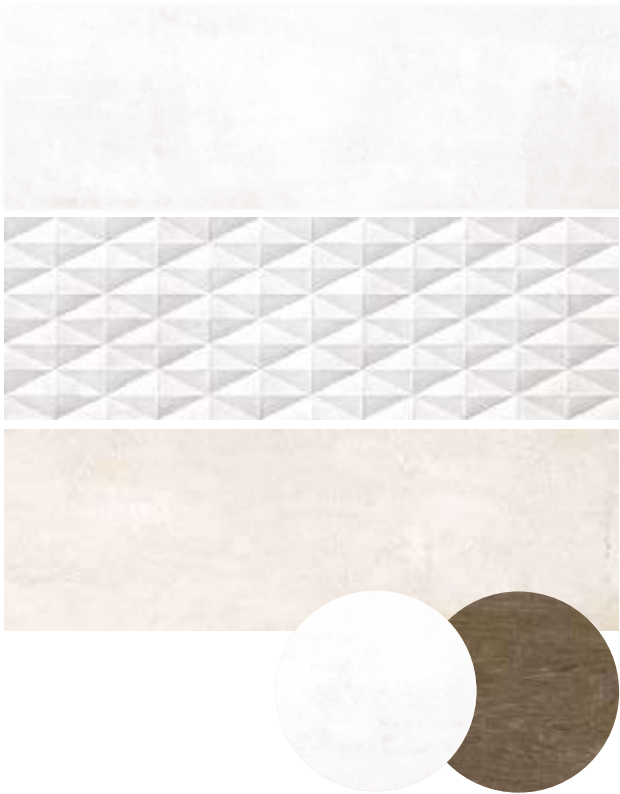
Matching color and design

Neutral shades - wall & floor



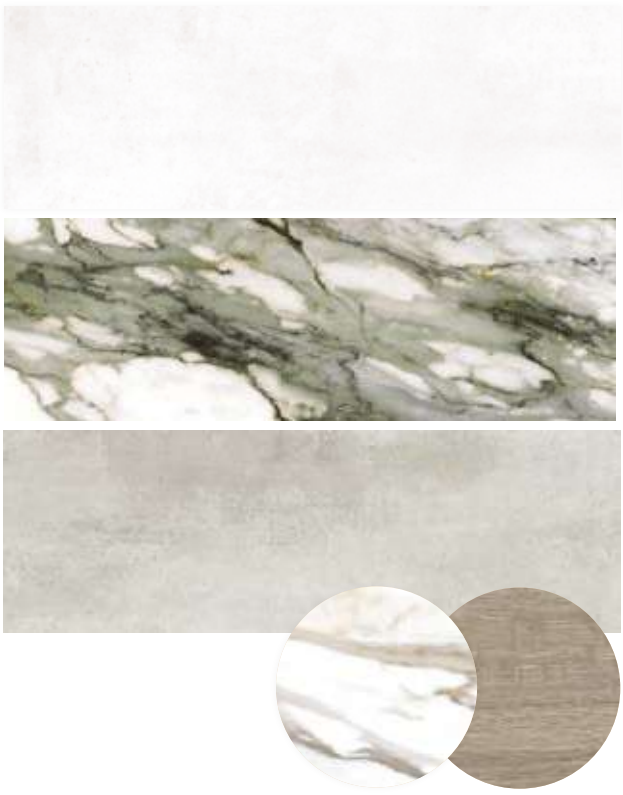
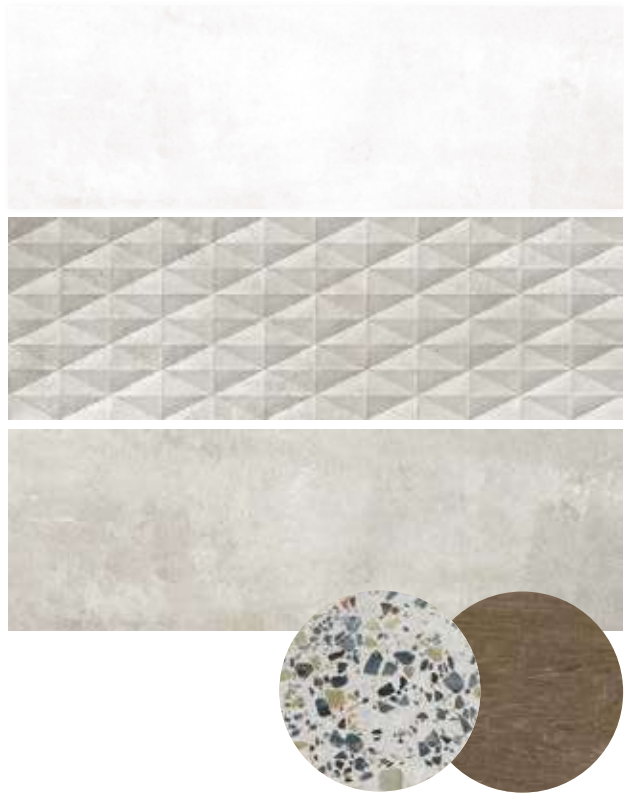
Matching color and design

Neutral shades - wall & floor



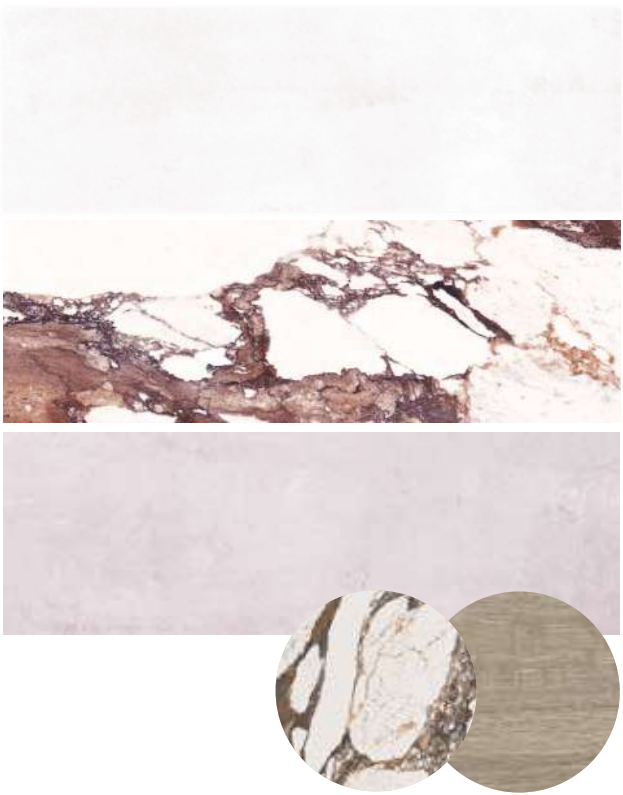
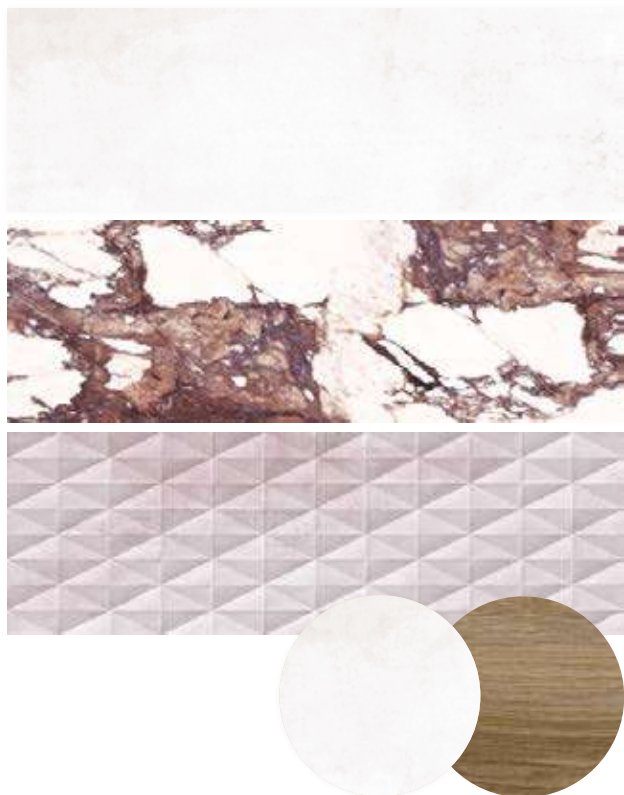
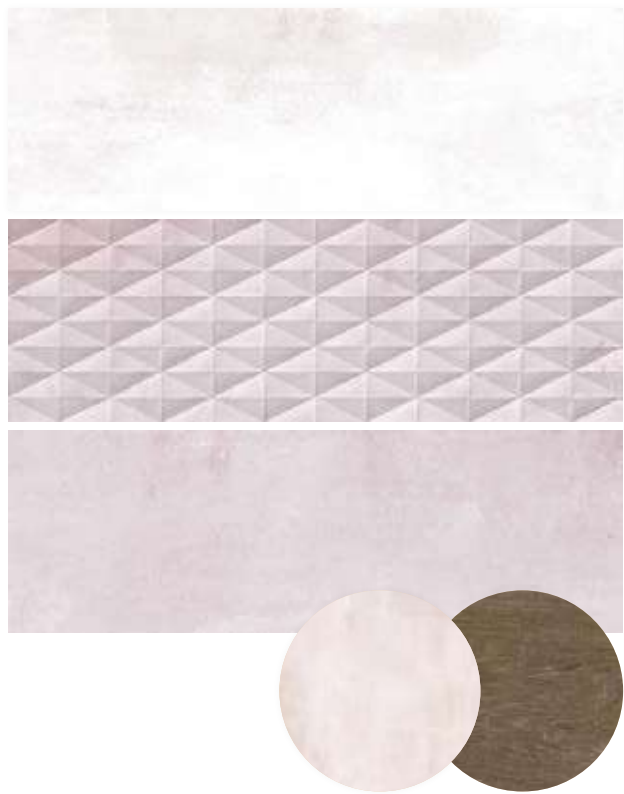
Matching color and design

Bright colors - wall & floor



Matching color and design

Bright colors - wall & floor



Matching table

Wall & Floor

		Floor														
		Marble design 60×60					Cement design 60×60					Terrazzo & Ornamento 60×60				
																
Wall	Marble design 24.7×74.7	Athena	■		■	■		■		■	■		■	■	■	■
		Venato		■			■				■					
		Borgo			■		■	■	■			■	■	■	■	■
		Verde	■			■	■		■	■				■		
		Viola		■			■				■					
	Cement design 24.7×74.7	Perla	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Cream			■		■	■	■				■	■		
		Silver	■		■	■	■	■	■	■	■	■	■	■		
		Salvia	■			■	■		■	■				■		
		Rosa		■			■		■		■					



		Floor										Wall				
		Wood planks 15.5×60.5 / 15×90										Cement design 24.7×74.7				
																
Wall	Marble design 24.7×74.7	Athena	■		■					■		■		■	■	
		Venato					■					■				■
		Borgo	■	■	■	■		■				■	■	■		
		Verde						■				■		■	■	
		Viola							■		■					■
	Cement design 24.7×74.7	Perla		■								■	■	■	■	■
		Cream		■	■							■	■	■		
		Silver	■		■	■		■			■	■	■	■	■	■
		Salvia						■			■	■		■	■	
		Rosa					■		■			■		■		■



ТЕХНИЧЕСКИ СПЕЦИФИКАЦИИ ЗА КЕРАМИЧНИ ПЛОЧКИ TECHNICAL SPECIFICATION FOR CERAMIC TILES							EN 14411:2012
Характеристики/ Characteristics	Bla Annex G N≥15 cm	Blb Annex H N≥15 cm	Blla Annex J N≥15 cm	Bllb Annex K N≥15 cm	Blll Annex L N≥15 cm	Метод изпитване/ Testing Method	
	стена/wall под/floor	стена/wall под/floor	под/floor	под/floor	стена/wall	EN ISO	
A) РАЗМЕРИ И КАЧЕСТВО НА ПОВЪРХНОСТТА/ DIMENSIONS AND SURFACE QUALITY							
A.1 Дължина и широчина/Length and width							
а) Отклонение на средния размер от проектния/The permissible deviation of the average size from the work size	±0.6% max ±2mm	±0.6% max ±2mm	±0.6% max ±2mm	±0.6% max ±2mm	±0.5% max ±2mm		10545-2
A.2 Дебелини/Thicknesses							
а) Дебелината се посочва от производителя/ The thickness shall be specified	Декларирана дебелина/Declared thickness					-	
б) Отклонение на ср.стойност от проектния р-р/ The permissible deviation of the average thickness from the work thickness	±5% max ±0.5mm	±5% max ±0.5mm	±5% max ±0.5mm	±5% max± 0.5mm	±10% max ±0.5mm		10545-2
A.3 Праволинейност на ръбовете/ Straightness of sides	±0.5% max ±1.5mm	±0.5% max ±1.5mm	±0.5% max ±1.5mm	±0.5% max ±1.5mm	±0.3% max ±1.5mm		10545-2
A.4 Правоъгълност/Rectangularity	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm		10545-2
A.5 Равнинност на повърхността/Surface flatness							
а) Огъване в центъра/Centre curvature	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm	0.5%/-0.3% max +2/-1.5mm		10545-2
б) Огъване на ръбовете/Edge curvature	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm	0.5%/-0.3% max +2/-1.5mm		10545-2
с) Изкривяване/Warpage	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm	±0.5% max ±2mm		10545-2
A.6.Качество на повърхността/Surface quality							
Плочки без видими дефекти/ Tiles with no visible defects	95%	95%	95%	95%	95%		10545-2
B) ФИЗИЧНИ СВОЙСТВА/PHYSICAL PROPERTIES							
B.1 Водопоглътцаемост, % по маса/ Water absorpton, % by mass	E≤0.5%	0.5%<E≤3%	3%<E≤6%	6%<E≤10%	Сред./Average E>10%		10545-3
B.2 Сила на разрушаване за/Breaking strength for:							
а) дебелина≥7.5мм/thickness≥7.5mm	≥1300 N	≥1100 N	≥1000 N	≥800 N	≥600 N		10545-4
б) дебелина<7.5мм/thickness<7.5mm	≥700 N	≥700 N	≥600 N	≥500 N	≥200 N		
B.3 Якост на огъване или якост на разрушаване/ Flexural tensile strength or modulus of rupture	Min 35 N/mm²	Min 30 N/ mm²	Min 22 N/ mm²	Min 18 N/ mm²	Деб./Thick≥7.5 mm min 12 N/mm²		10545-4
	Ед.мин.32/ Individual min 32 N/mm²	Ед.мин.27/ Individual min 27 N/mm²	Ед.мин.20/ Individual min 20 N/ mm²	Ед.мин.16/ Individual min 16 N/ mm²	Деб./Thick<7.5 mm min 15 N/mm²		10545-4
B.4 Износоустойчивост/ Abrasion resistance							
а) Дълбинна абразия/ Deep abrasion mm³	max 175 mm³	max 175 mm³	max 345 mm³	max 540 mm³	-		10545-6
б) Повърхностна абразия/Surface abrasion							
	Клас по износоустойчивост и брой цикли, на които издържат/ Abrasion class and cycles passed						10545-7
B.5 Коефициент на линейно термично разширение/ Coefficient of linear thermal expansion	Декларирана стойност/Declared value						10545-8
От t° на околната среда до 100°С/ From ambient t° to 100°С							

ТЕХНИЧЕСКИ СПЕЦИФИКАЦИИ ЗА КЕРАМИЧНИ ПЛОЧКИ							EN 14411:2012
B.6 Устойчивост термичен шок/ Thermal shock resistance	Да издържат изпитването съгласно EN ISO 10545-1/ Pass according to EN ISO 10545-1					10545-9	
B.7 Рисоустойчивост глазирани плочки*/ Crazing resistance glazed tiles*	Да издържат изпитването съгласно EN ISO 10545-1/ Pass according to EN ISO 10545-1					10545-11	
B.8 Мразоустойчивост/Frost resistance	Да издържат/ Pass	Да изд./ Pass	Декл. с-т/ Decl.value	Декл. с-т/ Decl. value	Декл. с-т/ Decl. value	10545-12	
B.9 Приплъзване/Slipperiness	Декларирана стойност/Declared Valued					CEN/TS 16165	
B.10 Якост на сцепление/адхезия, за:/ Bond strength, adhesion for: a) циментови лепила/cementitious adhesives b) дисперсни лепила/dispersion adhesives c) лепила от реактивни смоли/ reaction resin adhesives d) строителен разтвор/mortar	Декларирана стойност/Declared Valued Декларирана стойност/Declared Valued Декларирана стойност/Declared Valued Декларирана стойност/Declared Valued					EN 12004:2007+ A1:2012,4.1 EN 12004:2007+ A1:2012,4.2 EN 12004:2007+ A1:2012,4.3 NPD	
B.11 Влажностно разширение, в mm/m/ Moisture expansion, in mm/m	Декларирана стойност/Declared Valued					10545-10	
B.12 Малки разлики в цвета, за:/ Small color differences, for: a) глазирани плочки/Glazed tiles b) неглазирани плочки/Unglazed tiles	ΔEcmс <0.75 ΔE cmс <1.0	ΔEcmс <0.75 ΔE cmс <1.0	Еcmс <0.75 ΔE cmс <1.0	ΔEcmс <0.75 ΔE cmс <1.0	ΔEcmс <0.75 -	10545-16	
B.13 Устойчивост на удар, като:/ Impact resistance as: Коефициент на възвратно движение/ Coefficient of restitution	Декларирана стойност/Declared Valued					10545-5	
B.14 Реакция на огън/Fire resistance	Клас A1/A1 FL Class A1/A1 FL					-	
B.15 Осезаемост/Tactility	Декларирано описание на повърхността/Declared surface description					CEN/TS 15209	
C) ХИМИЧНИ СВОЙСТВА/CHEMICAL PROPERTIES							
C.1 Устойчивост на образуване на петна, за: / Resistance to staining, for: a) глазирани плочки/Glazed tiles b) неглазирани плочки/Unglazed tiles	Минимум клас 3/min class 3 Декларирана стойност/Declared Valued					10545-14	
C.2 Устойчивост на химикали/ Resistance to chemicals a) Устойчивост на разтвори на киселини и основи с ниска концентрация/ Resistance to low concentration of acids and alkalis b) Устойчивост на разтвори на киселини и основи с висока концентрация/ Resistance to high concentration of acids and alkalis c) Устойчивост на битови препарати и соли за плувни басейни/Resistance to household chemicals and swimming pool salts	Декларирана стойност/Declared Valued Декларирана стойност/Declared Valued Минимум клас B/min class B					10545-13 10545-13 10545-13	
C.3 Отделяне на опасни вещества/ Release of dangerous substances							
a) Кадмий/Cadmium b) Олово/Lead (mg/dm²) c) Други/Others	Декларирана стойност/Declared Valued Декларирана стойност/Declared Valued Декларирана стойност/Declared Valued					10545-15 10545-15 Който е приложим / As relevant	

*Някои декоративни ефекти могат да имат склонност към изкривяване. Те трябва да се посочват от производителя, като в този случай изпитването на рисоустойчивост не е приложимо./Certain decorative effects may have a tendency to craze. They are to be identified by the manufacturer, in which case the crazing test is not applicable.

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Цветовете са възпроизведени приблизително.

Таблиците с данни за съдържанието на опаковката и за теглото са актуални към датата на печат на каталога, поради което е възможно да са настъпили промени в съдържащата се в него информация.

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The color reproduction is approximately.

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Technical Features

 Wall Tile

 Rectified

 Matt

 Porcelain

 Digital Technology

 Plain variation of colour&design

 Slight variation of colour&design

 Medium variation of colour&design

 Intensive variation of colour&design



Marble Venato White 24.4×74.4 R | Canella Ochre 15.5×60.5

Showroom

KAI Corporate Showroom Sofia

Sofia 1784
90 Tsarigradsko shose blvd
Capital Fort building

Head Office

KAI / Bulgaria

Sofia 1000
5 Slavianska str., fl. 3
tel.: +359 700 14 444
e-mail: sales@kai.bg

Office Greece

KAI Keramica ltd / Greece

57009, Kalochori, Thessaloniki
Ionias str. P.O. Box 1019, Greece
e-mail: infogr@kai.bg

Office Romania

KAI Ceramics / Romania

Șoseaua de Centură numărul 13
Oraș Chiajna, Județul Ilfov, România
e-mail: comenzi@kai.bg

Production plants

Khan Asparuh AD / Bulgaria

Isperih 7400, 1 Ahinora Str.
tel.: +359 8431 2587
e-mail: sales@kai.bg

Khan Omurtag AD / Bulgaria

Shumen 9700, Varnensko Shousse Str.
tel.: +359 54 831 819
e-mail: saleskos@kai.bg