

The logo for Blink Group features the word "Blink" in a bold, black, sans-serif font. A white square outline is positioned behind the letters "l", "i", and "n". An orange horizontal bar extends from the bottom of the square, ending in a stylized orange "S" shape. To the right of this graphic, the word "GROUP" is written in a smaller, bold, black, sans-serif font.

Blink GROUP

Novi Sad

The text "20MM OUTDOOR PORCELAIN TILES" is displayed in a large, bold, white, sans-serif font. It is centered within a semi-transparent dark grey rectangular area that spans across the middle of the image. The background of the entire image is a close-up of light grey, rectangular outdoor porcelain tiles with a subtle texture and visible grout lines. In the top left corner, a portion of a blue and white striped patio umbrella with tassels is visible. In the bottom left corner, a wooden lounge chair with a grey cushion is partially shown.The logo for RioStone Outdoor Surfaces features the word "RioStone" in a white, sans-serif font, with a stylized horizontal line through the "R". Below it, the words "OUTDOOR SURFACES" are written in a smaller, white, all-caps, sans-serif font.

RioStone
OUTDOOR SURFACES



20MM OUTDOOR

PORCELAIN TILES

At the heart of our essence lies an unwavering dedication to innovation, a flame that propels us ceaselessly into the realms of progress. Draped proudly in the mantle of pioneering excellence within the realm of 20mm outdoor porcelain, we not only signify the pinnacle of cutting-edge craftsmanship but also encapsulate an unyielding resolve to defy conventional limits.

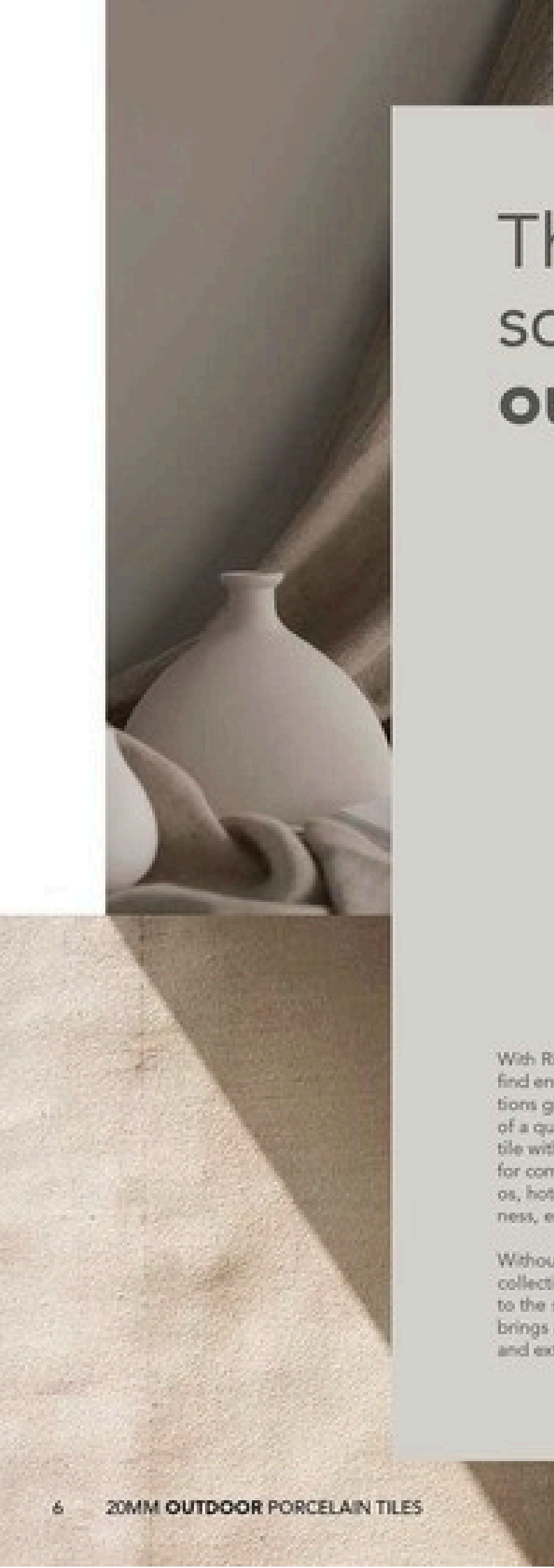
The narrative of our journey through the landscape of 20mm outdoor porcelain is nothing short of transformative. From the humble roots of local recognition, we have ascended to the zenith of global eminence. In the expansive world of tiles, we have emerged not merely as participants but as formidable players on the grand stage, etching an indelible mark with our unwavering commitment to uncompromising quality.

Our innovation is not merely a buzzword but a living, breathing ethos that permeates every facet of our existence. It is the driving force behind the groundbreaking designs and avant-garde solutions that define our products. The 20mm outdoor porcelain, a testament to our pioneering spirit, stands as a beacon of our commitment to excellence, resilience, and a persistent pursuit of perfection.

In an industry where mediocrity is commonplace, we have chosen the path less traveled — the path of pushing boundaries and redefining standards. Our commitment to quality isn't a mere benchmark; it is a sacred covenant with our customers. Every tile bearing our name is a manifestation of this covenant, embodying the culmination of precision, durability, and aesthetic brilliance.

As we navigate the global stage, our presence is not just a representation of our brand but a reflection of a culture deeply rooted in the belief that true progress is achieved through ceaseless innovation. We stand tall, not only as pioneers in 20mm outdoor porcelain but as torchbearers of a legacy that places relentless innovation at its very core.

In the grand tapestry of the tile industry, our thread is one of boldness, creativity, and a pioneering spirit that transcends boundaries. The journey from local prominence to global eminence is a testament to our resilience, a journey fueled by the passion to shape the future and leave an enduring legacy in the world of 20mm outdoor porcelain.



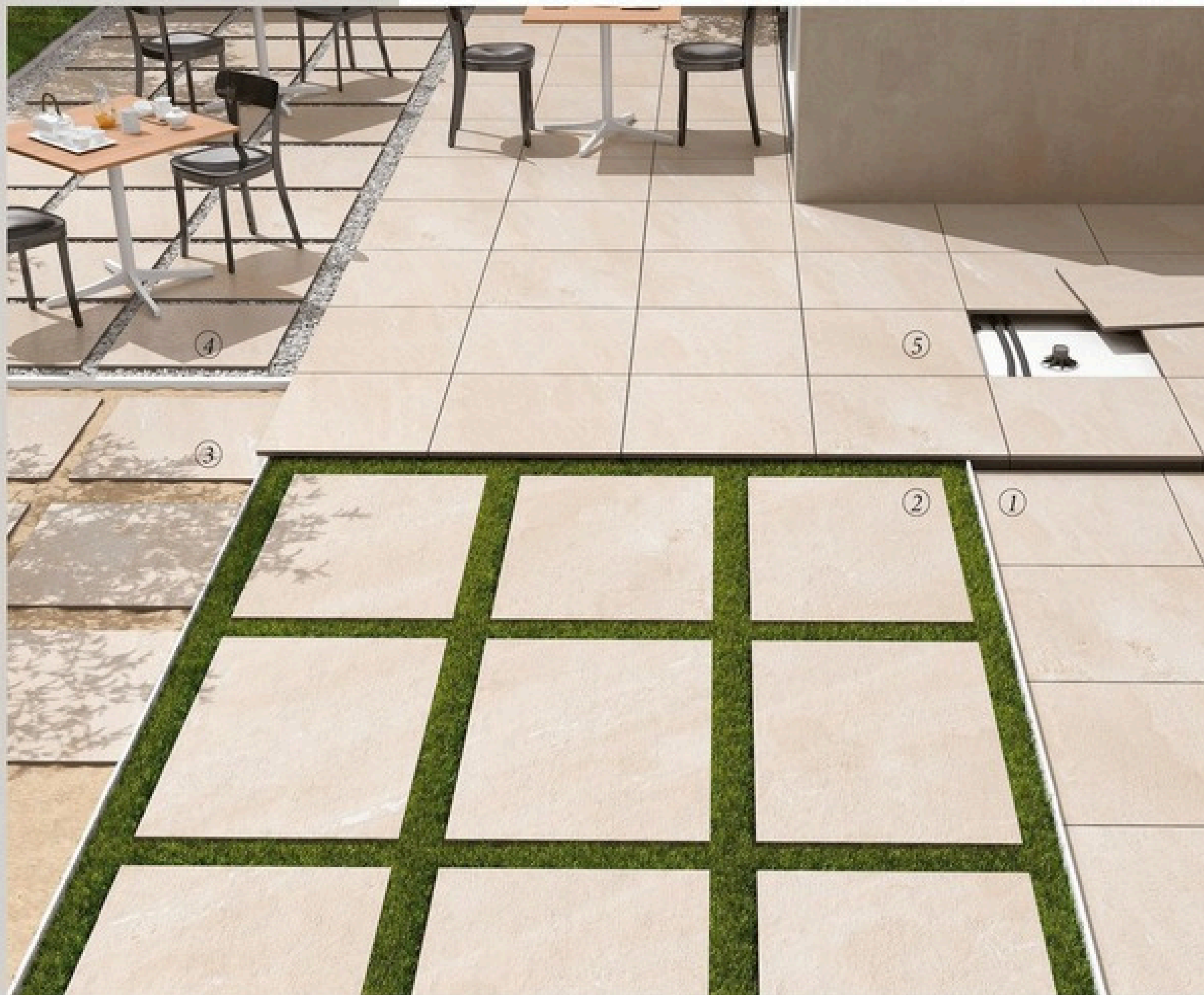
The ideal solution for outdoor living

With Rio-stone Outdoor porcelain - 20mm thickness, you'll find endless possibilities in porcelain. Its potential applications give you a wider dimension. By relishing the benefits of a quality product, Rio-stone offers a 20mm thick porcelain tile with 60X60 & 60X90 formats. It is the perfect solution for commercial and residential outdoor areas, including patios, hotels, restaurants, and public spaces, thanks to its thickness, ensuring outstanding resistance to wear and strain.

Without compromising designs or styles, this brand-new collection blends well with aesthetics, giving a natural glow to the stone. Hence, a new variety of porcelain products brings a good flavor of excellence, creating classic interior and exterior areas.



Laying installation solutions



- 1 TRADITIONAL LAYING
- 2 GRASS LAYING
- 3 SAND LAYING
- 4 GRAVEL LAYING
- 5 RAISED LAYING

Intro- duction

In the realm of outdoor design, a revolution is underway, and its name is Simola's 20mm Outdoor Porcelain. As concrete jungles give way to spaces that seamlessly blend nature and architecture, the popularity of these durable and versatile tiles has witnessed an unprecedented surge.

Gone are the days when outdoor spaces were confined to functionality alone. Simola's 20mm Outdoor Porcelain marries form and function, offering a perfect union of aesthetic appeal and durability. From patio retreats to expansive garden landscapes, these tiles redefine the possibilities of outdoor design.

The allure of 20mm Outdoor Porcelain lies not only in its contemporary designs but also, in its ability to withstand the test of time. Resilient against the whims of weather and the passage of seasons, these tiles retain their elegance, ensuring that outdoor spaces remain a source of pride year after year.

Versatility is the hallmark of 20mm Outdoor Porcelain. Whether creating a sleek modern terrace or a rustic garden pathway, these tiles effortlessly adapt to diverse design aspirations. The flexibility they afford allows architects and homeowners to transform outdoor spaces into personalized expressions of style.

Intro- duction

The surge in popularity is not just about aesthetics; it's also a testament to the practical advantages offered by 20mm Outdoor Porcelain. Low maintenance requirements make these tiles an attractive choice for those seeking both visual appeal and ease of upkeep, contributing to their widespread acclaim.

As the world leans towards sustainable practices, 20mm Outdoor Porcelain emerges as an eco-friendly option. With responsible manufacturing practices and a longer lifespan compared to traditional outdoor flooring, these tiles align seamlessly with the ethos of environmentally conscious design.

The increasing popularity of 20mm Outdoor Porcelain signifies more than just a trend; it marks a shift in the way we approach outdoor living. As a canvas for creative expression and a testament to resilience, these tiles have become the cornerstone of contemporary exterior design, setting the stage for a new era of outdoor elegance.



Jerusalem

Jerusalem Beige 60x90 R11

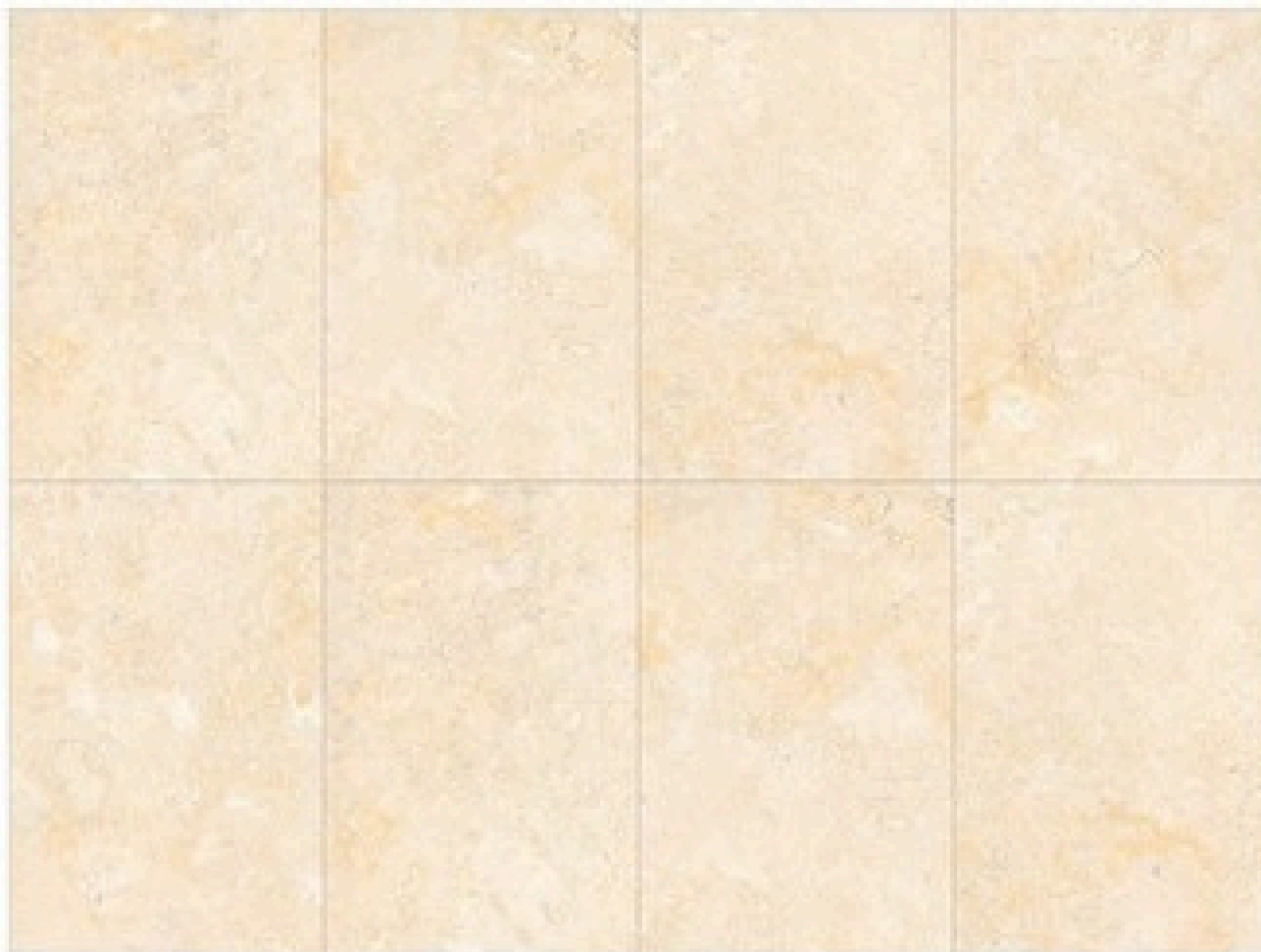


Jerusalem



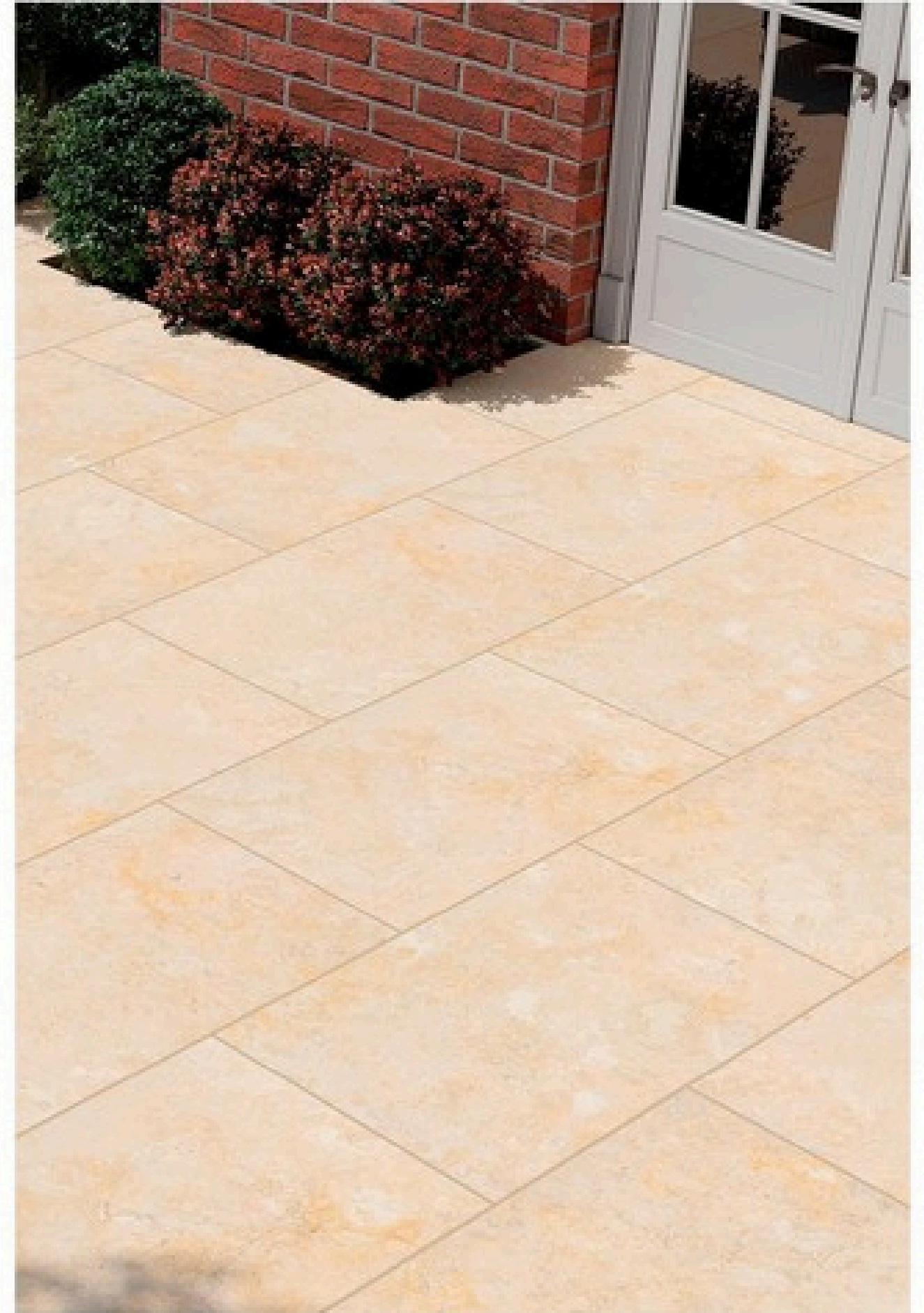
Beige

± 20mm



Jerusalem Beige

Jerusalem Beige 60x90 R11



Yellow stone

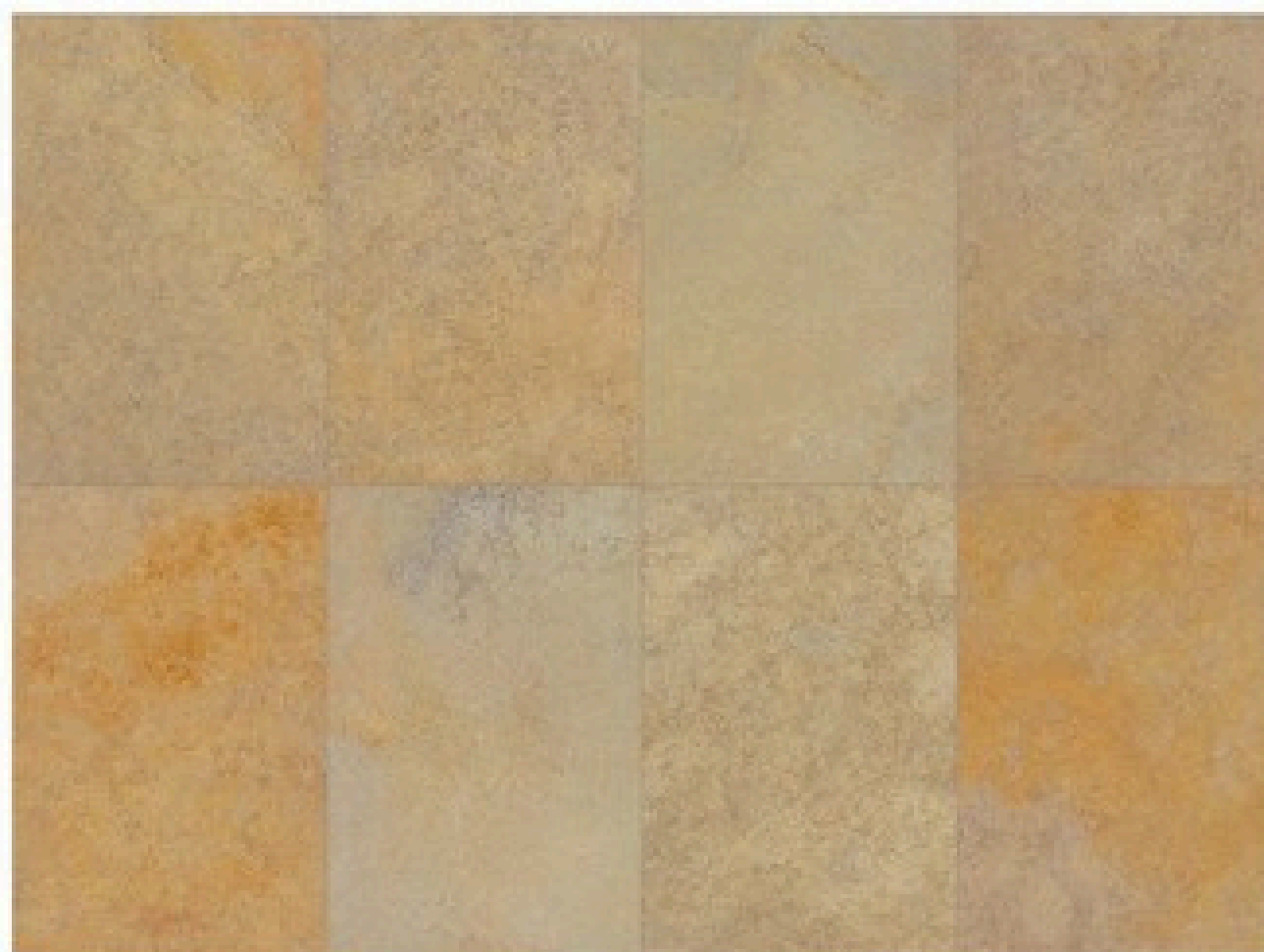
Yellow stone Natural 60x60 R11



Yellow stone

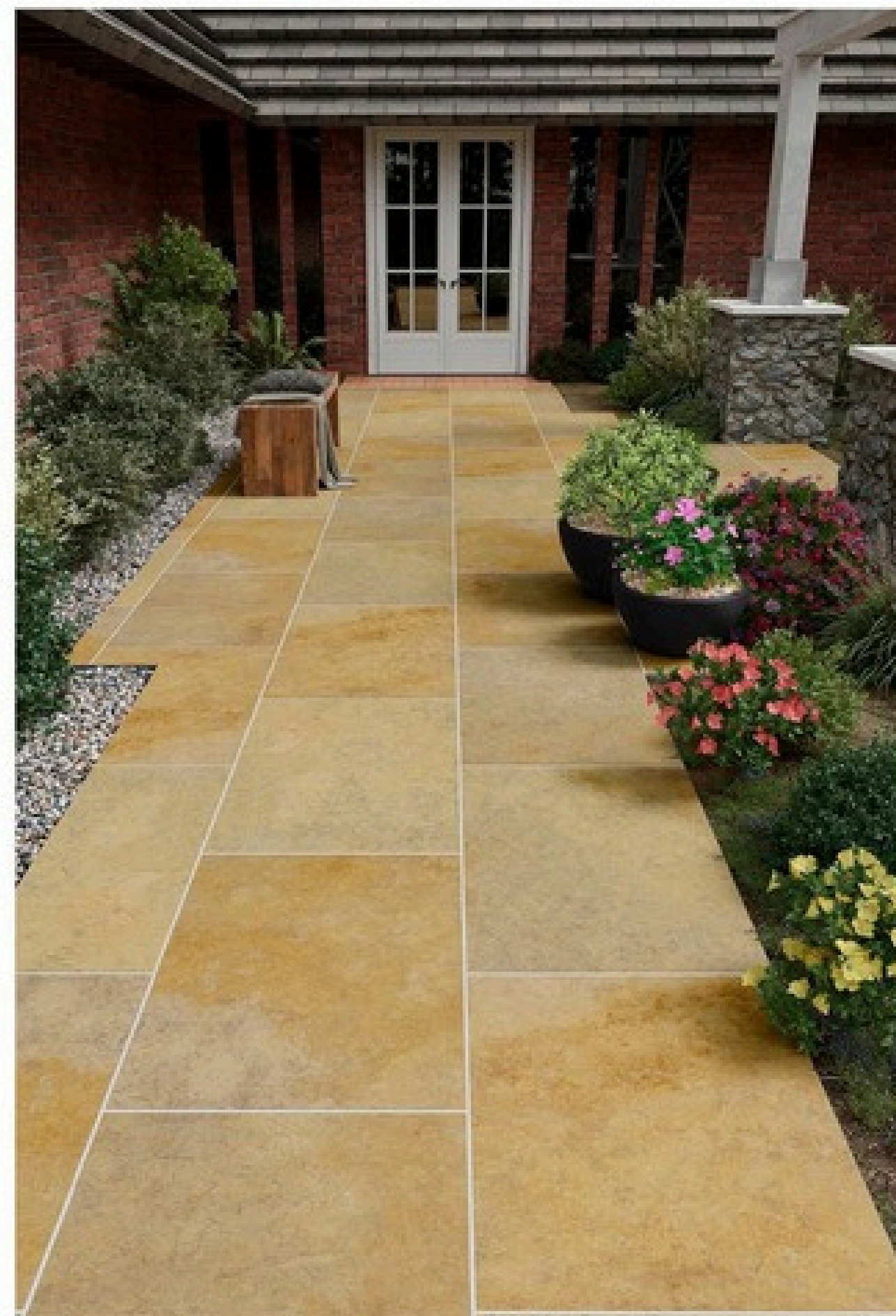


Natural ± 20mm



Yellow stone Natural

Yellow stone Natural 60x90 R11



Yellow stone

Yellow stone Antique 60x90 R11





Yellow stone Antique 60x90 R11

Yellow stone



Antique 20mm



Yellow stone Antique

Yellow stone Antique 60x90 R11





Rasa Grey 60x90 R11





Rasa Nero 60x90 R11



Rasa Beige 60x90 R11

Rasa



Beige ± 20mm



Grey ± 20mm



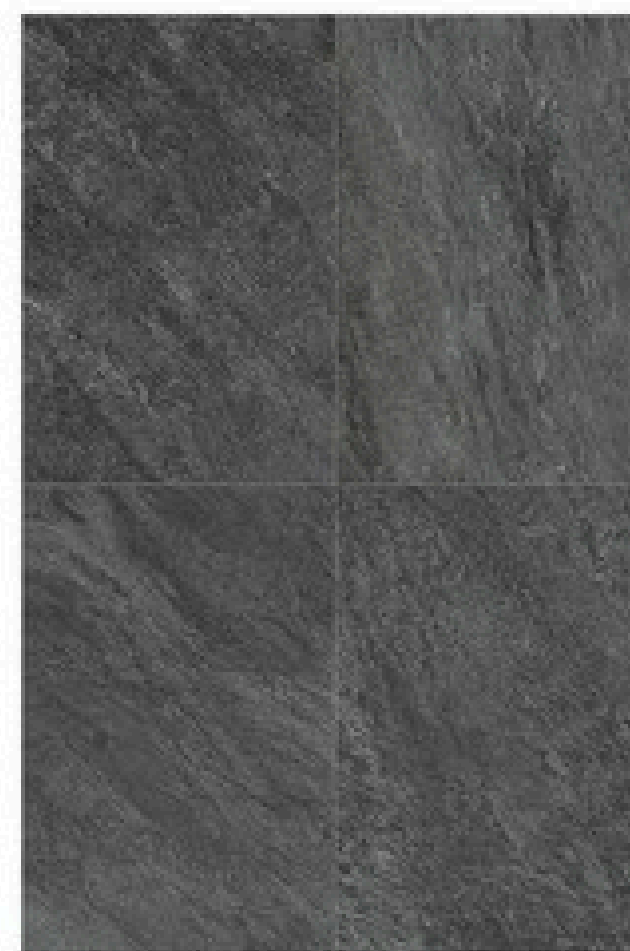
Nero ± 20mm



Rasa Beige



Rasa Grey



Rasa Nero

Egyptian

Egyptian Stone 60x60 R11



Egyptian



Stone

± 20mm



Egyptian Stone

Egyptian Stone 60x90 R11



Buff stone

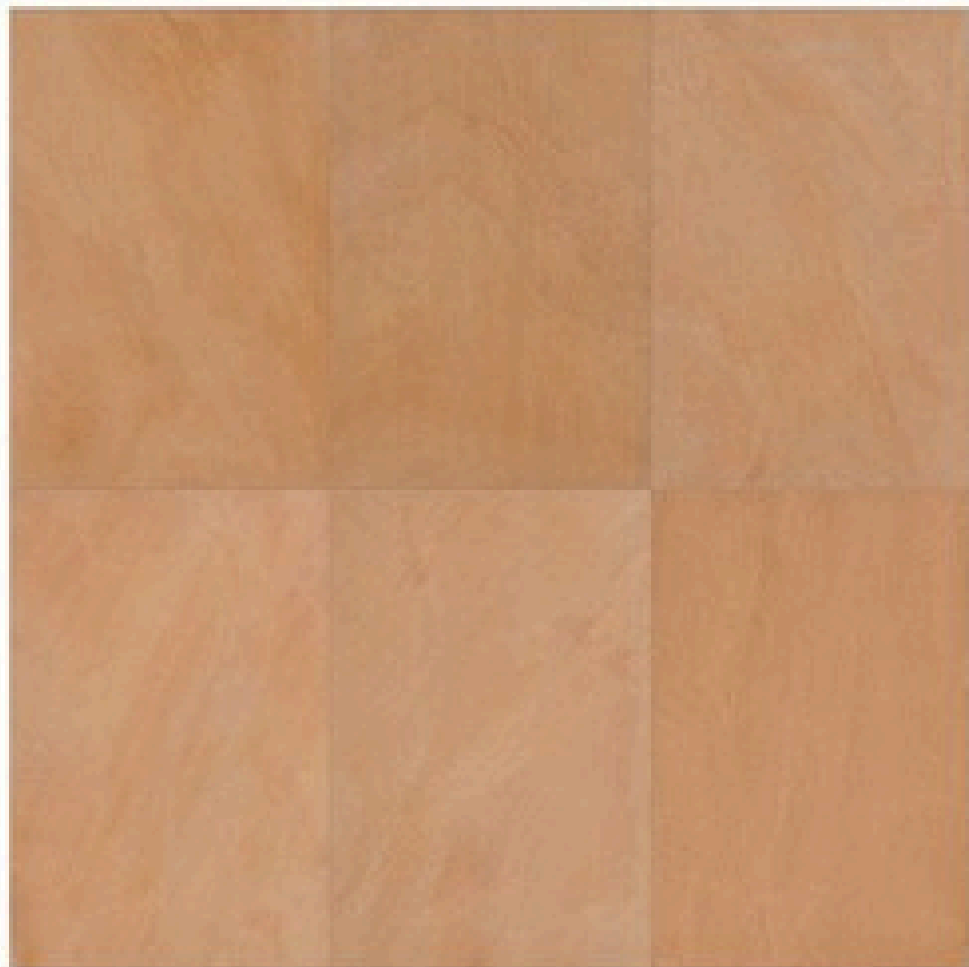
Buff stone 60x90 R11



Buff stone

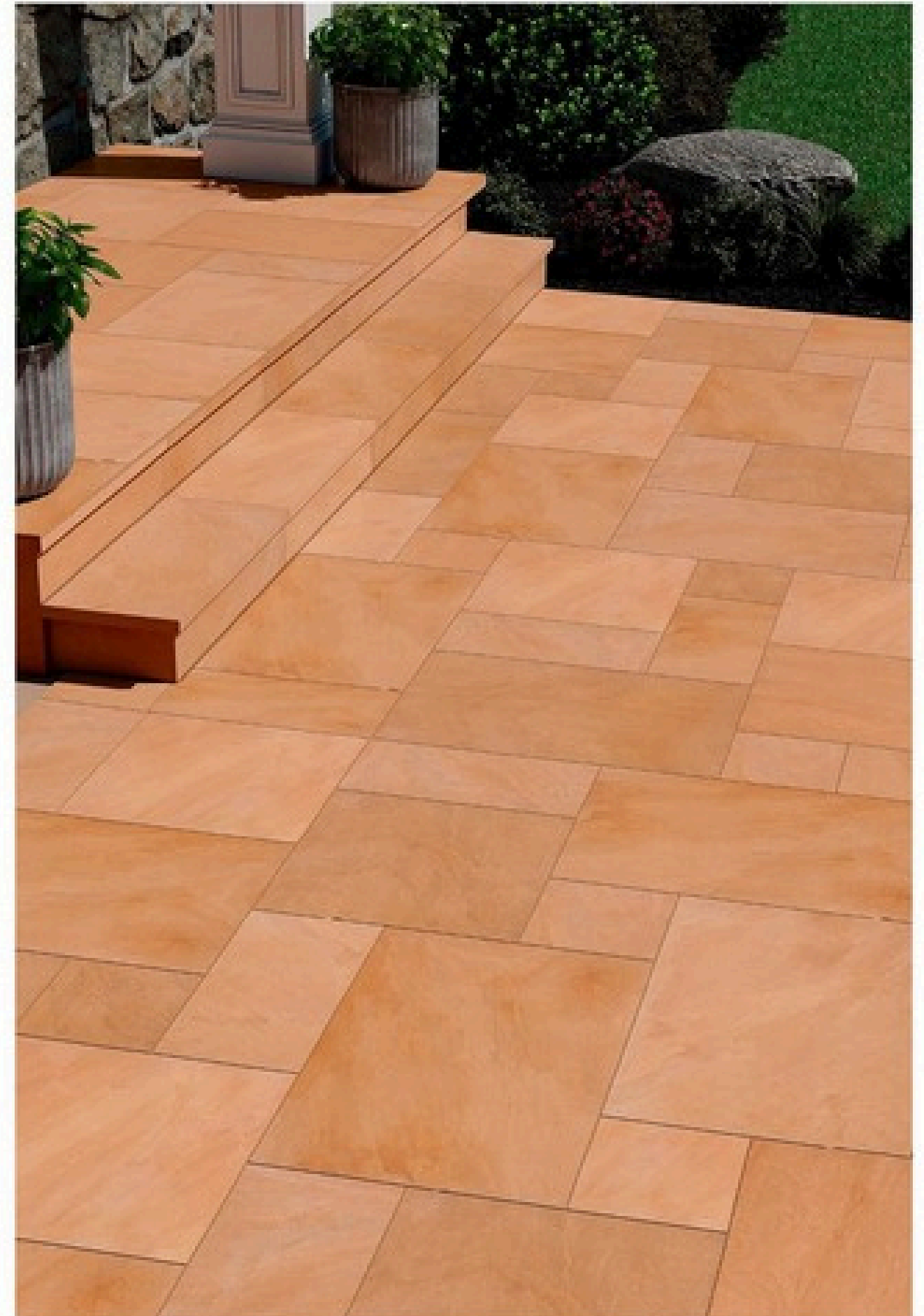


Stone ± 20mm



Buff Stone

Buff stone 60x90 R11



Raveena

Raveena 60x90 R11



Raveena



Raveena 20mm



Raveena

Raveena 60x90 R11



Camel dust

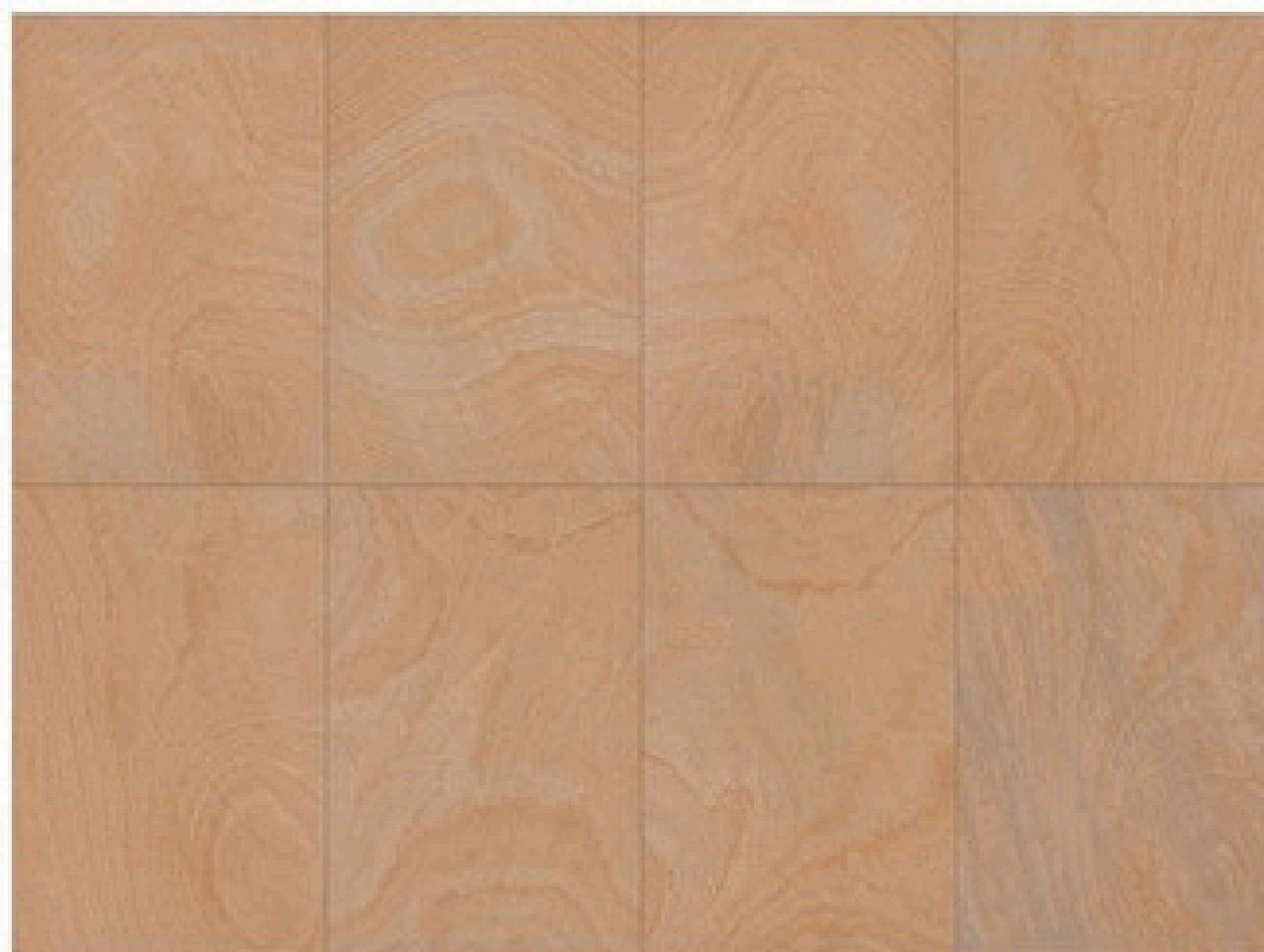
Camel dust 60x90 R11



Camel dust

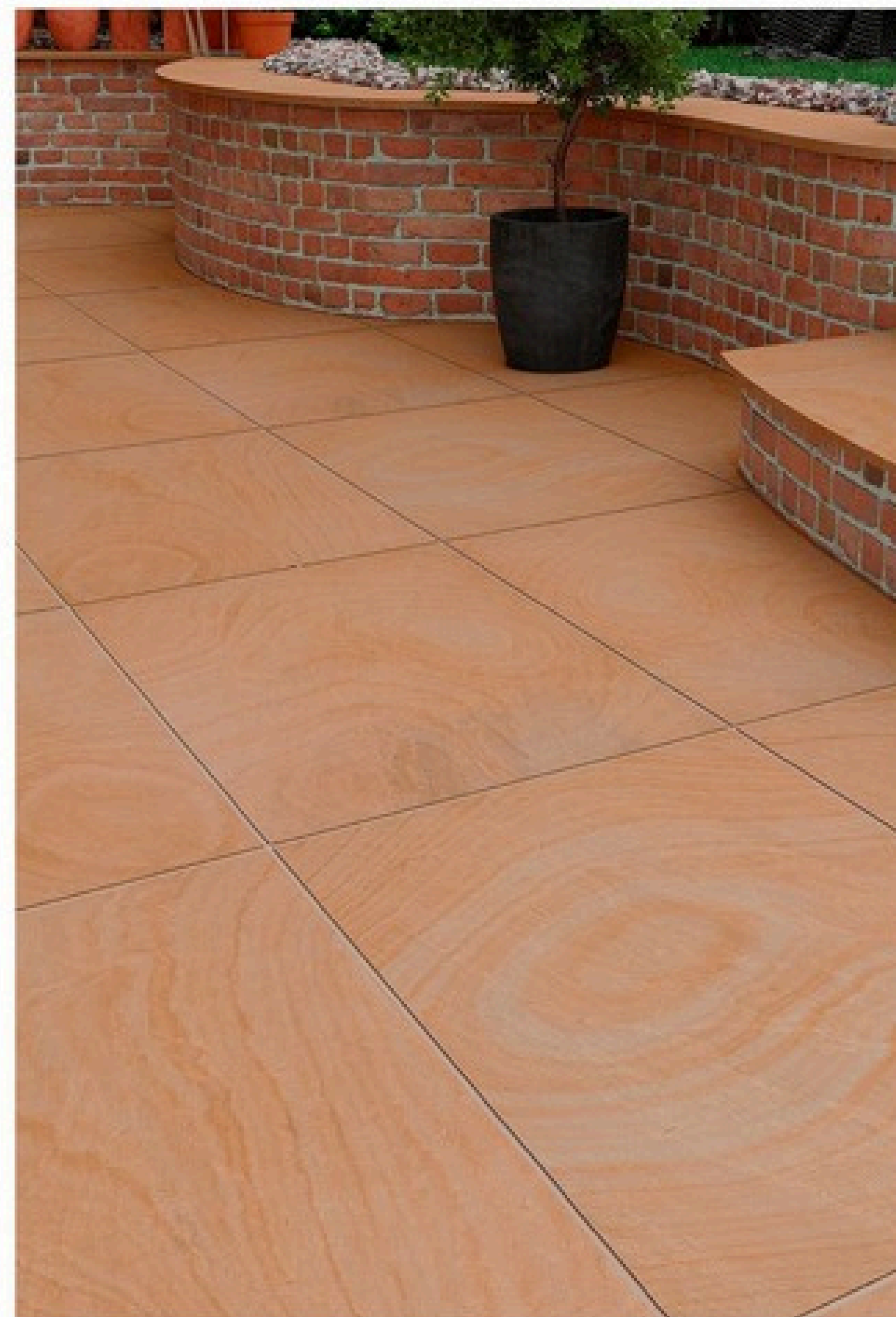


Camel dust ± 20mm



Camel dust

Camel dust 60x90 R11



Autumn

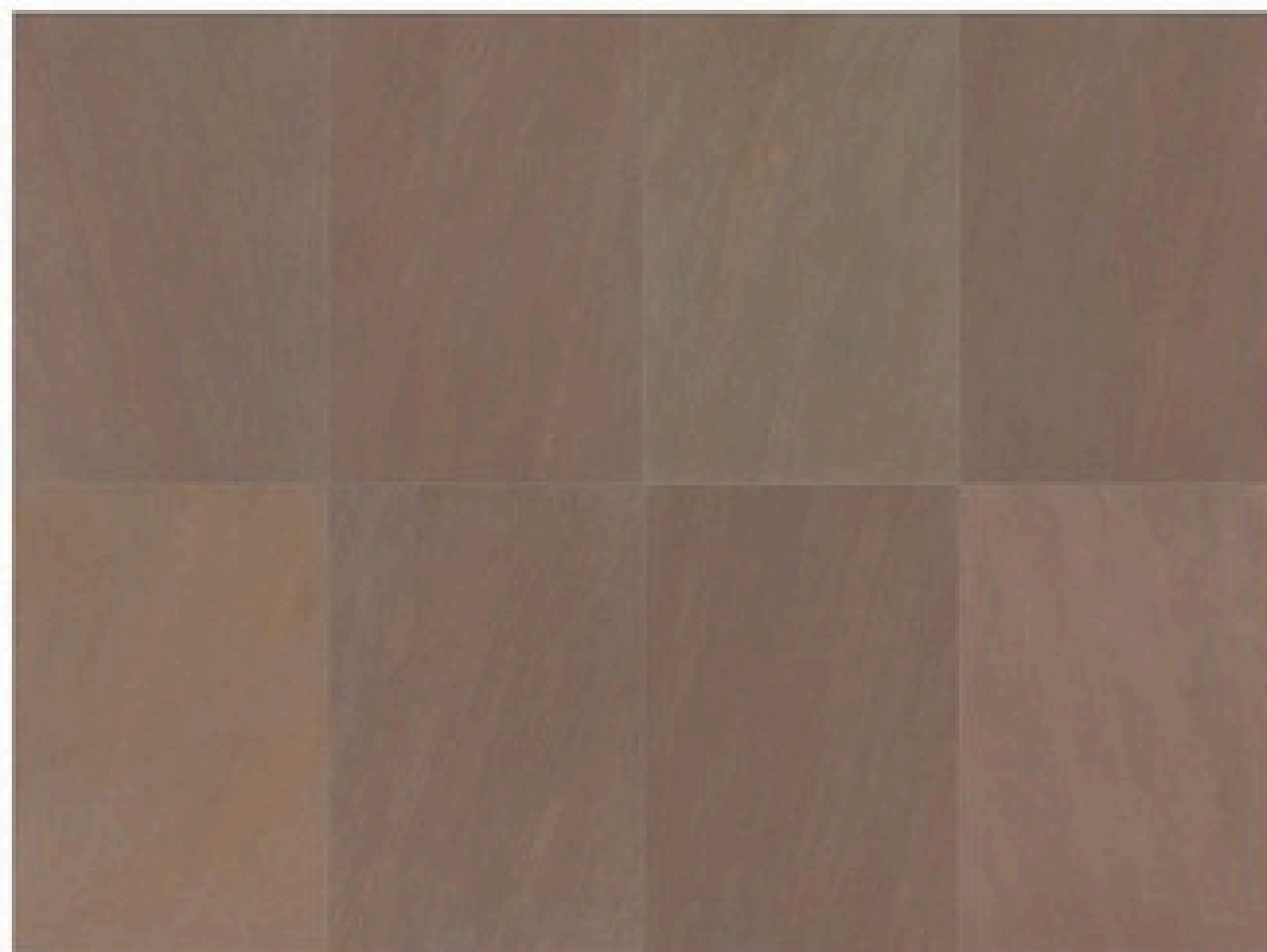
Autumn Brown 60x90 R11



Autumn

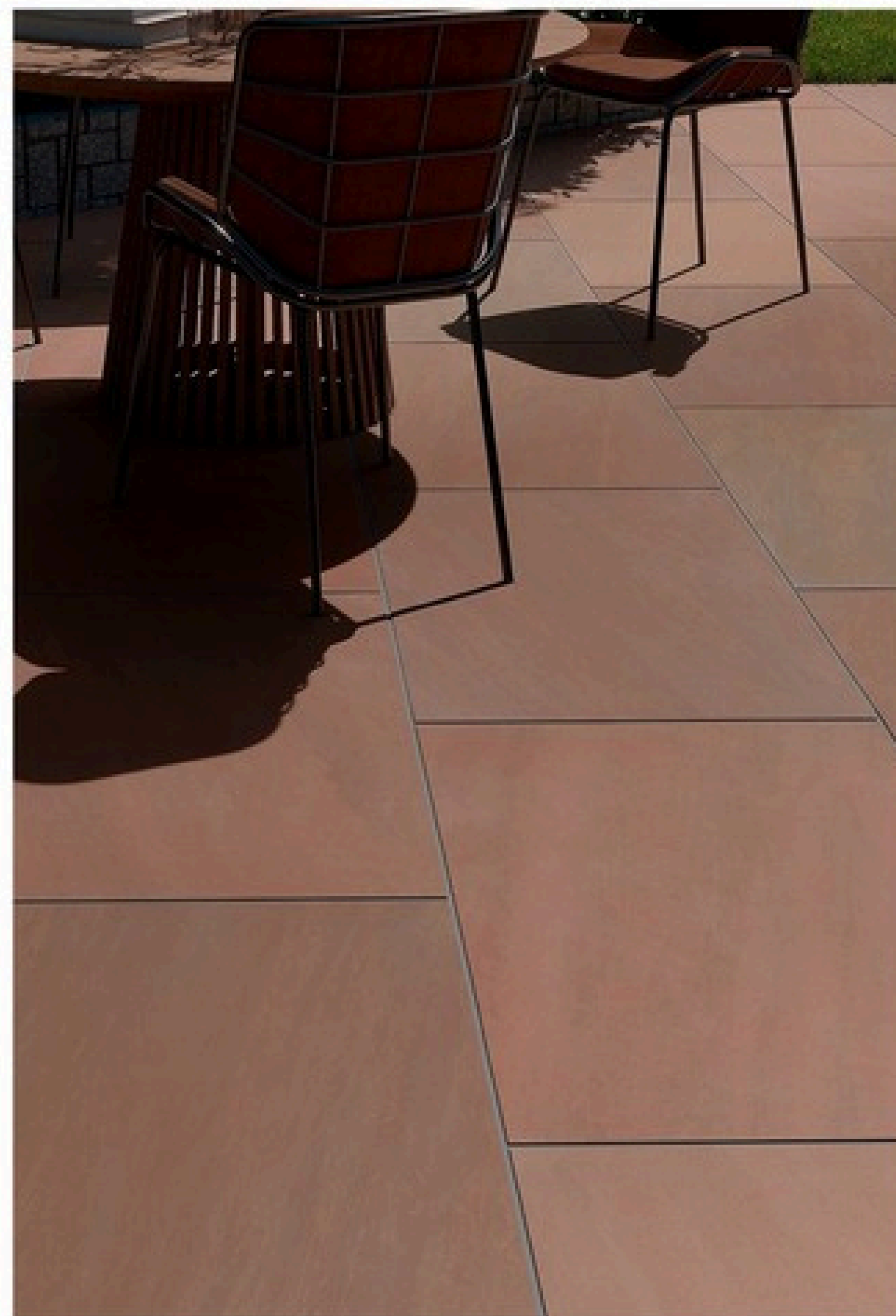


Brown 20mm



Autumn Brown

Autumn Brown 60x90 R11



Jura Stone 60x90 R11



Jura



Jura Stone ± 20mm



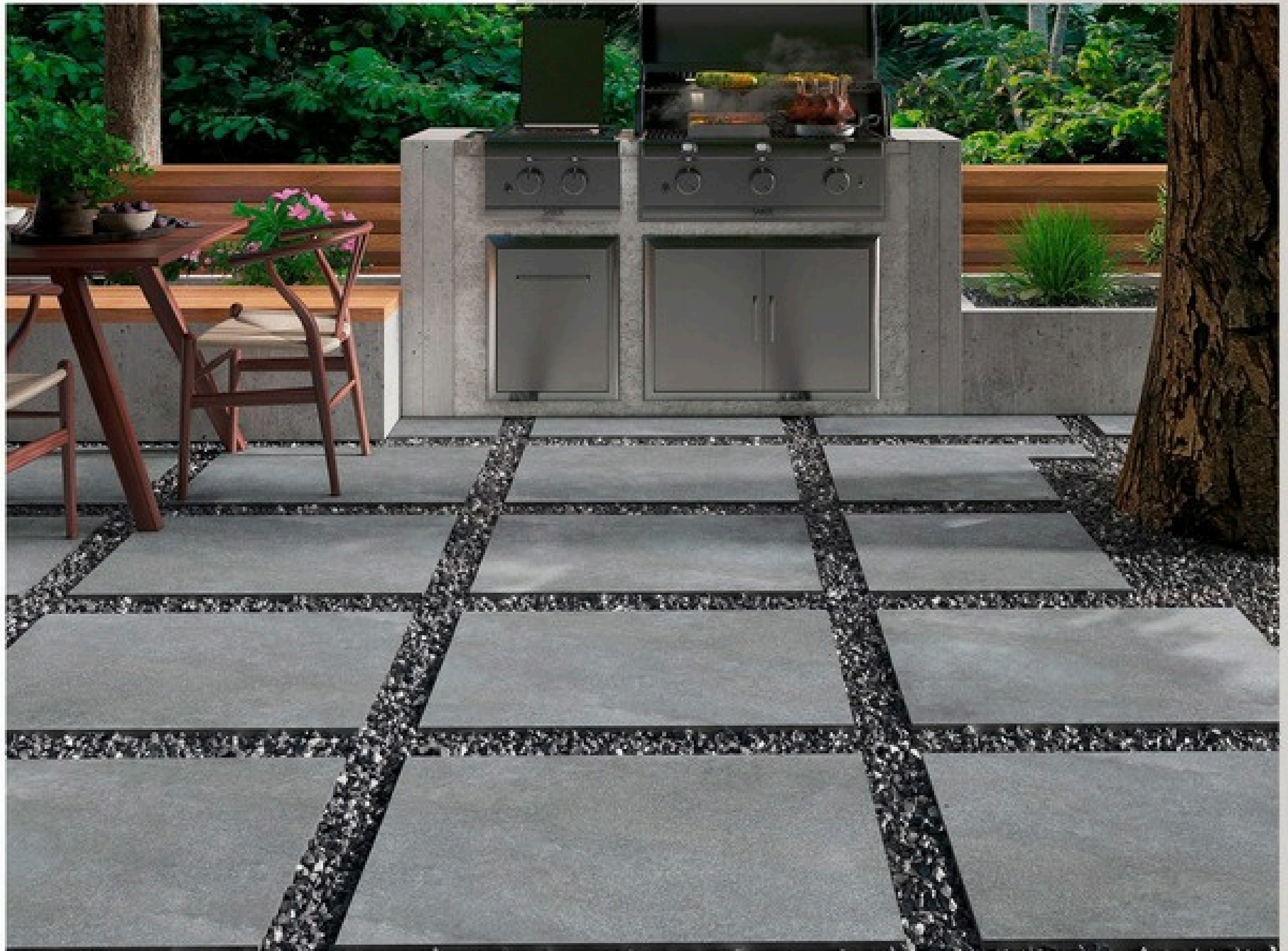
Jura Stone

Jura Stone 60x90 R11



Kavastone

Kavastone Grey 60x90 R11





Kavastone White 60x90 R11

Kavastone Grey 60x90 R11





Kavestone White 60x90 R11



Kavastone Lgy 60x90 R11

Kavastone



White ± 20mm



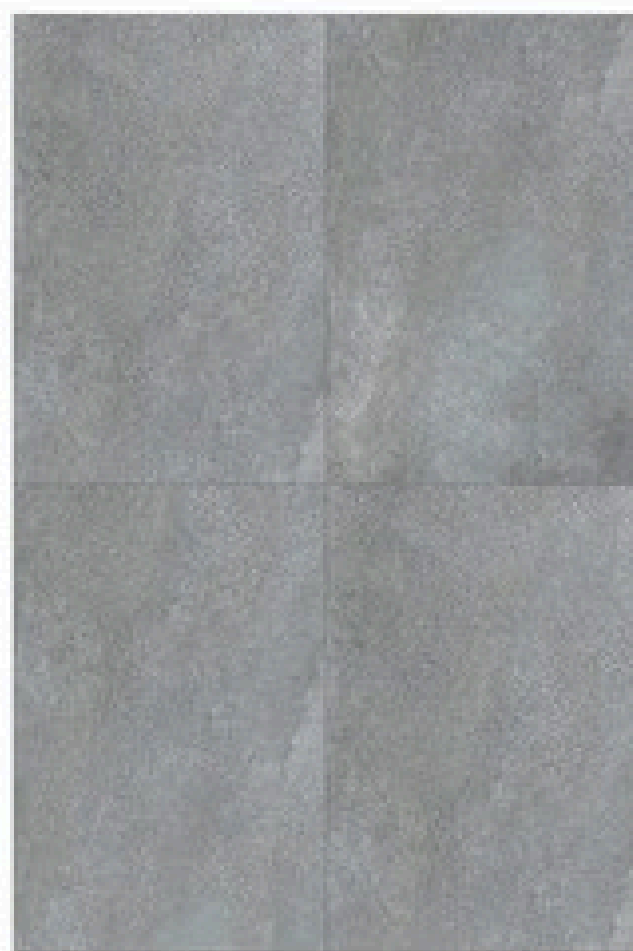
Grey ± 20mm



Lgy ± 20mm



Kavastone White



Kavastone Grey



Kavastone Lgy

Provence

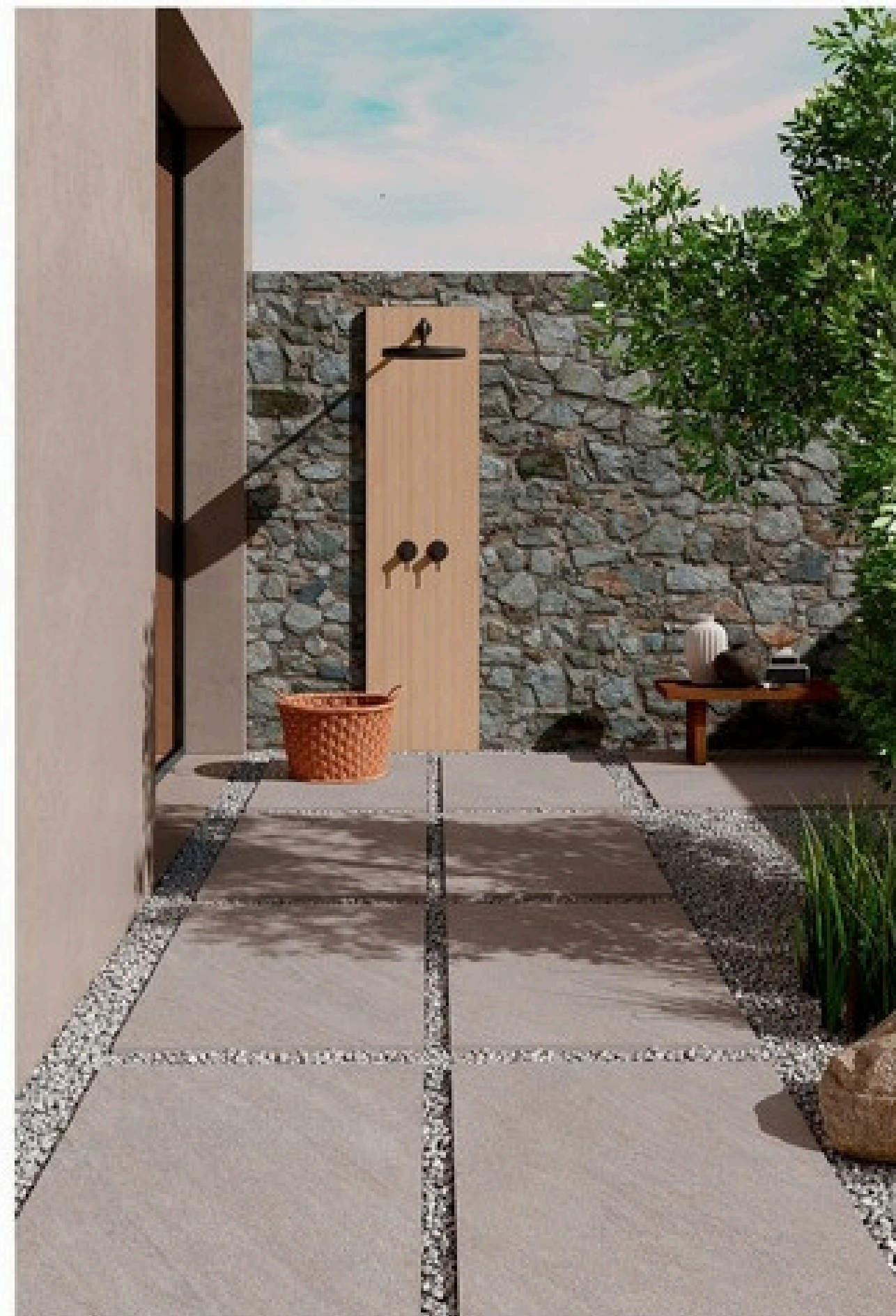
Provence Grey 60x90 R11





Provence Caffee 60x90 R11

Provence Grey 60x90 R11





Provence Caffee 60x90 R11

Provence



White ± 20mm



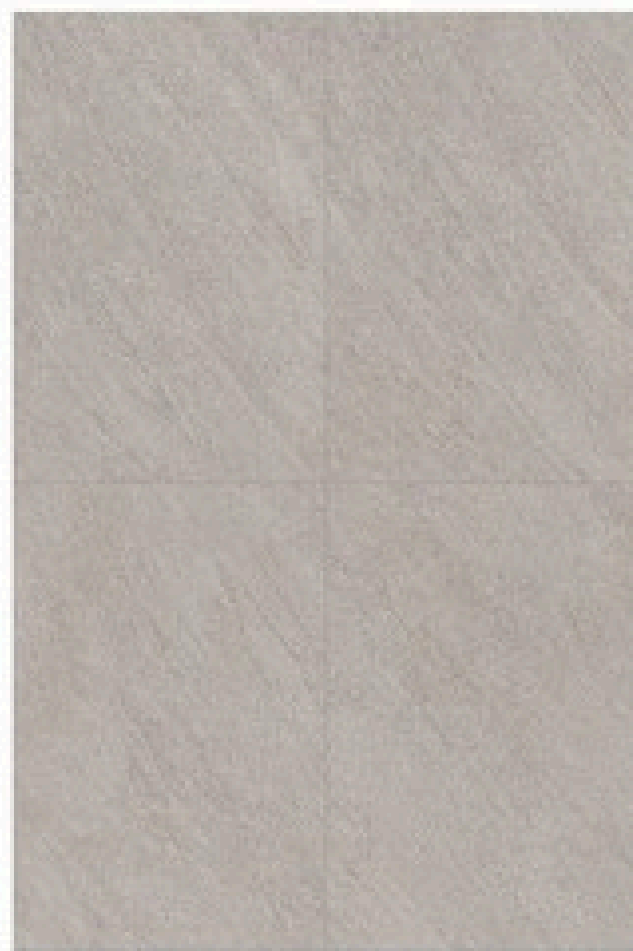
Grey ± 20mm



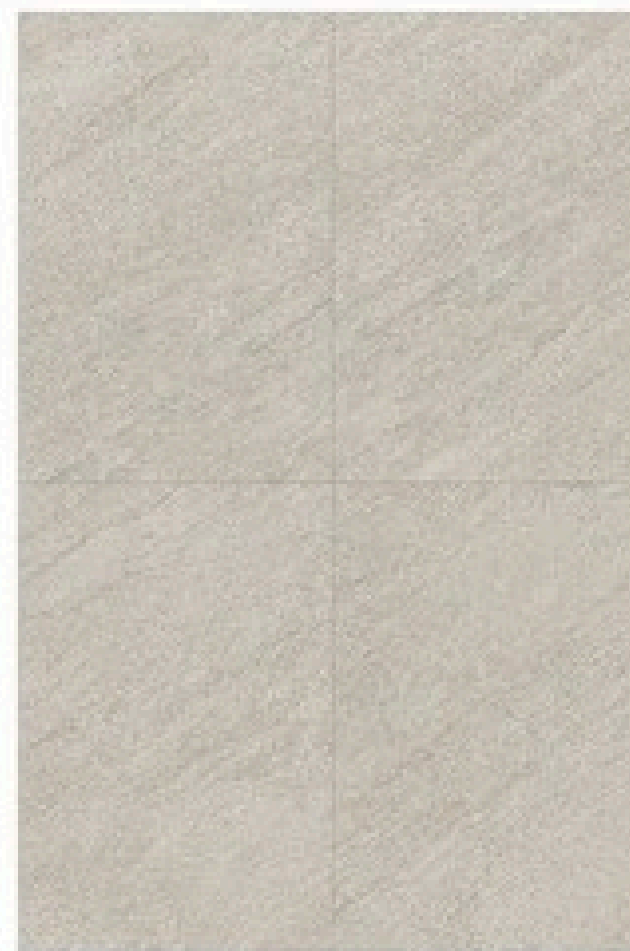
Caffee ± 20mm



Provence White



Provence Grey



Provence Caffee

Raj green

Raj green 60x90 R11



Raj green



Raj green ± 20mm



Raj green

Raj green 60x90 R11



Kandla Grey 60x90 R11





Kindle Grey 60x90 R11



Kandla Grey 60x90 R11

Kandla Grey 60x90 R11



Kandla



Kandla Grey ± 20mm



Kandla Grey

Kandla Grey 60x90 R11



Prato Ash 60x90 R11





Prato Caffee 60x90 R11

Prato Tan 60x90 R11



Prato Tan 60x90 R11



Prato Grey 60x90 R11

Prato



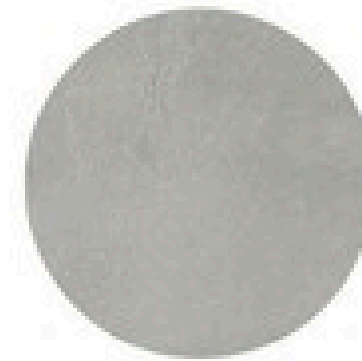
Prato White ± 20mm



Prato Ash ± 20mm



Prato Tan ± 20mm



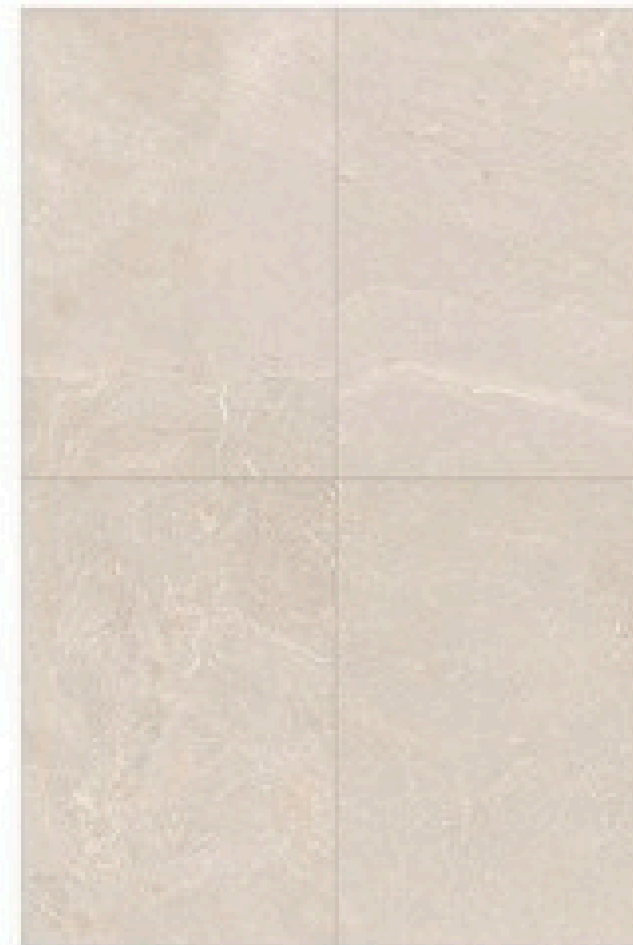
Prato Grey ± 20mm



Prato White



Prato Ash



Prato Tan



Prato Grey

Cripto Natural 60x90 R11





Cripto Beige 60x90 R11

Cripto Grey 60x90 R11



Cripto Dark grey 60x90 R11

Cripto



Beige ± 20mm



Natural ± 20mm



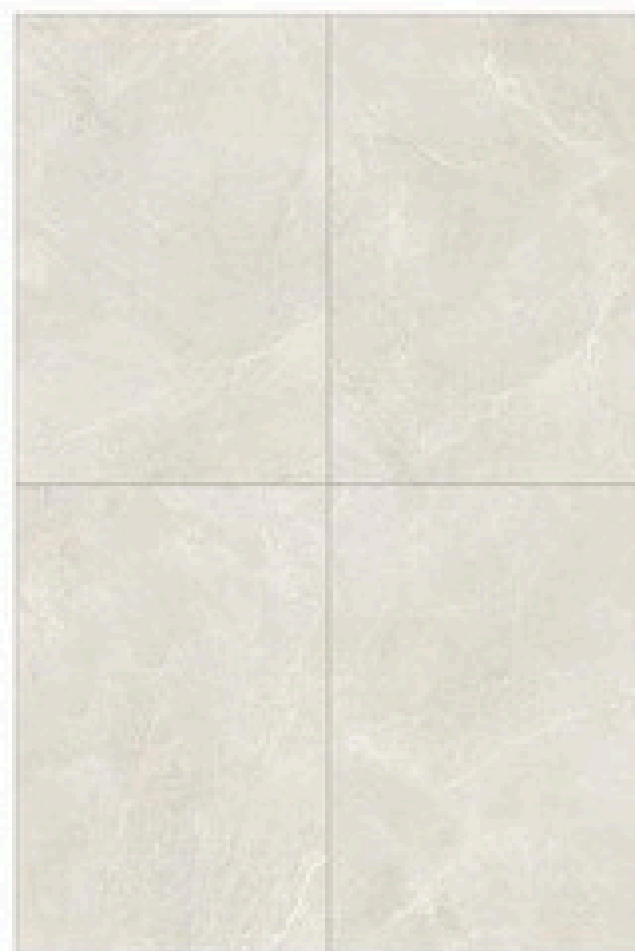
Grey ± 20mm



Dark grey ± 20mm



Cripto Beige



Cripto Natural



Cripto Grey



Cripto Dark grey

Decota

Decota Dark grey 60x60 R11



Decota Tan 60x90 R11



Decota Bianco 60x90 R11

Decota



Bianco ± 20mm



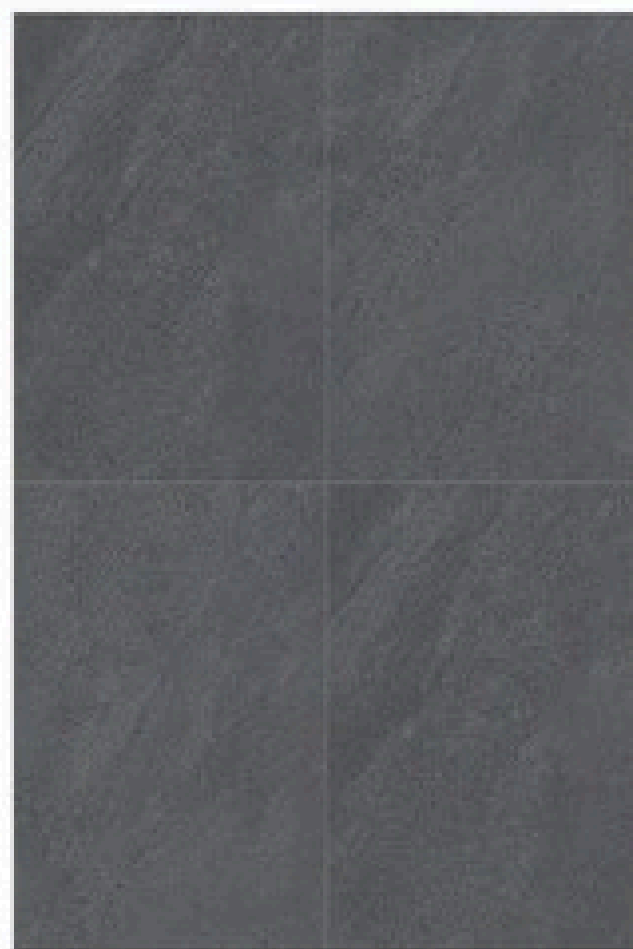
Dark grey ± 20mm



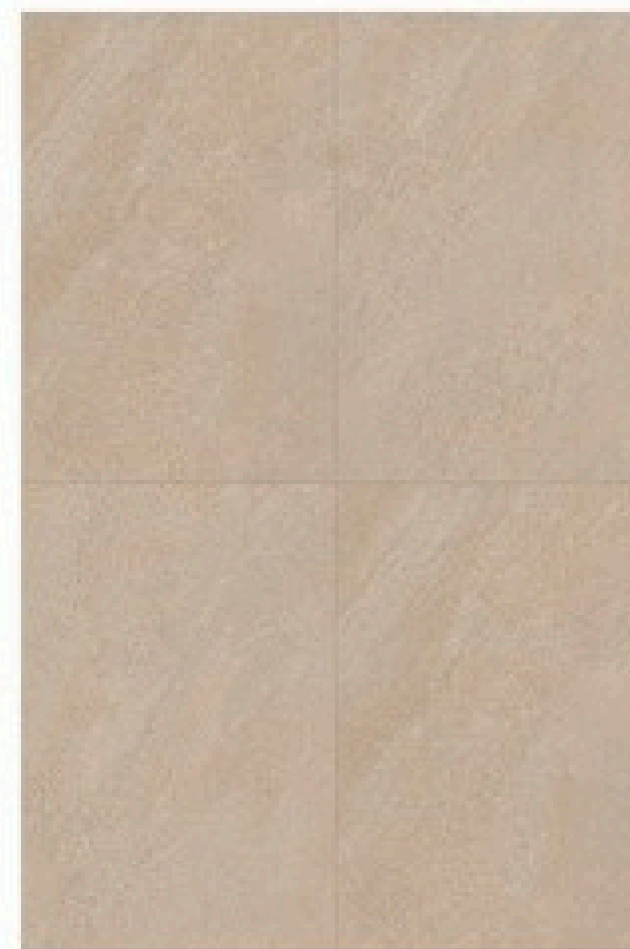
Tan ± 20mm



Decota Bianco



Decota Dark grey



Decota Tan

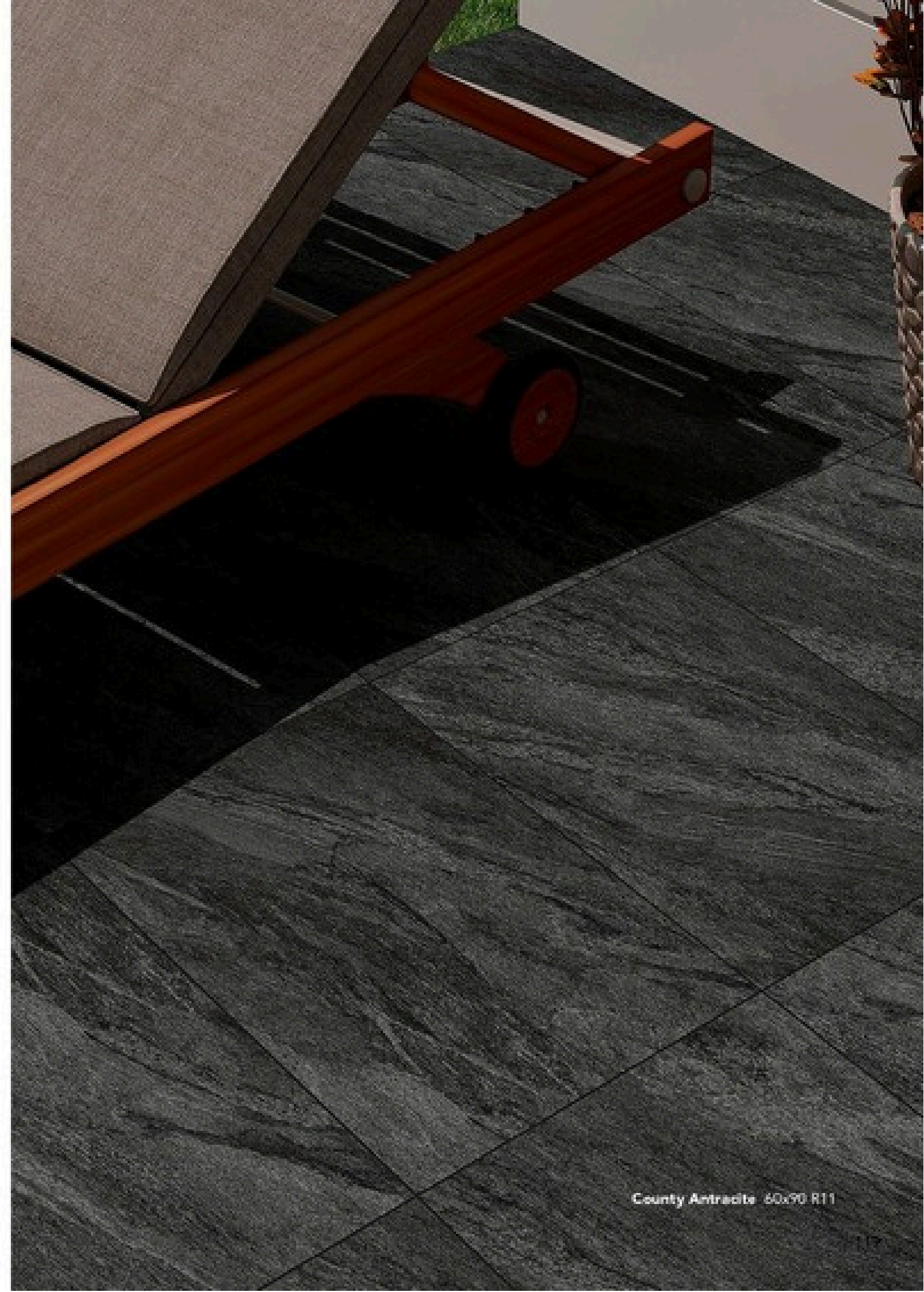
County Lggy 60x90 R11





County Ivory 60x90 R11

County Antracite 60x90 R11



County Antracite 60x90 R11



County Crema 60x90 R11

County



Ivory ± 20mm



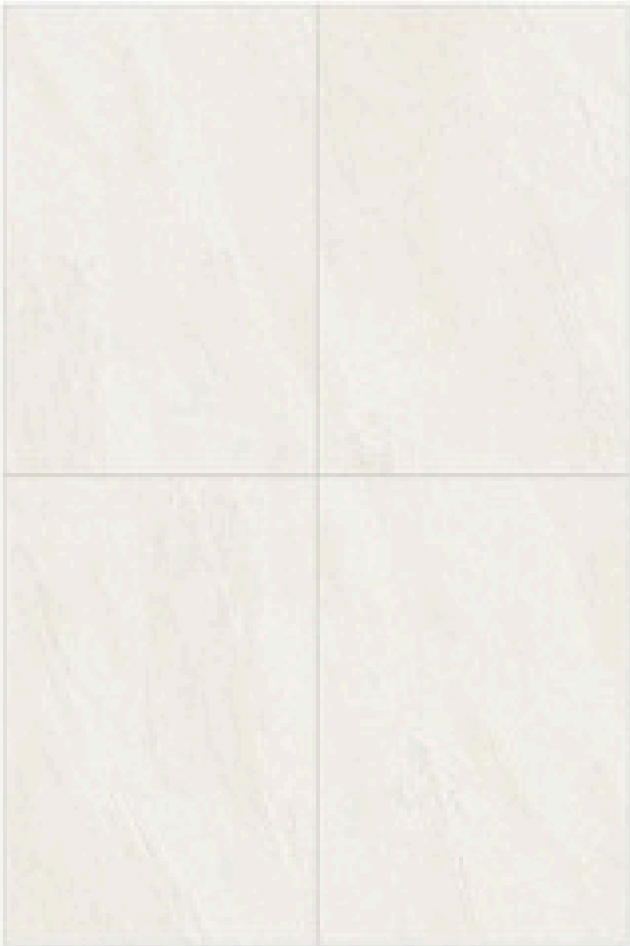
Lgy ± 20mm



Crema ± 20mm



Anthracite ± 20mm



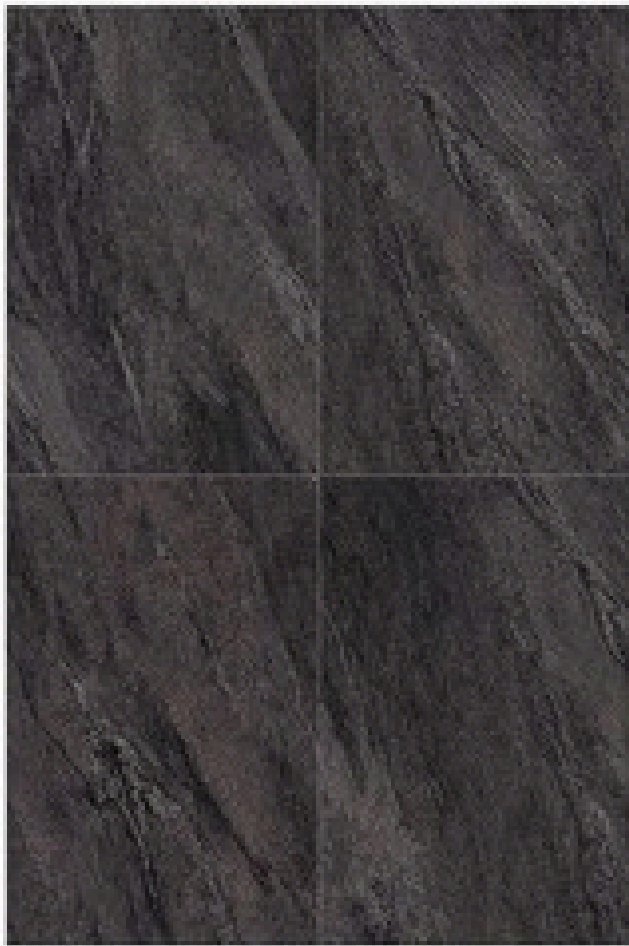
County Ivory



County Lgy



County Crema



County Anthracite

Brazilian



Brazilian Grey 60x90 R11





Brazilian Black 60x90 R11



Brazilian Grey 60x90 R11

Brazilian



Black ± 20mm



Brazilian Black



Grey ± 20mm



Brazilian Grey

Himalaya

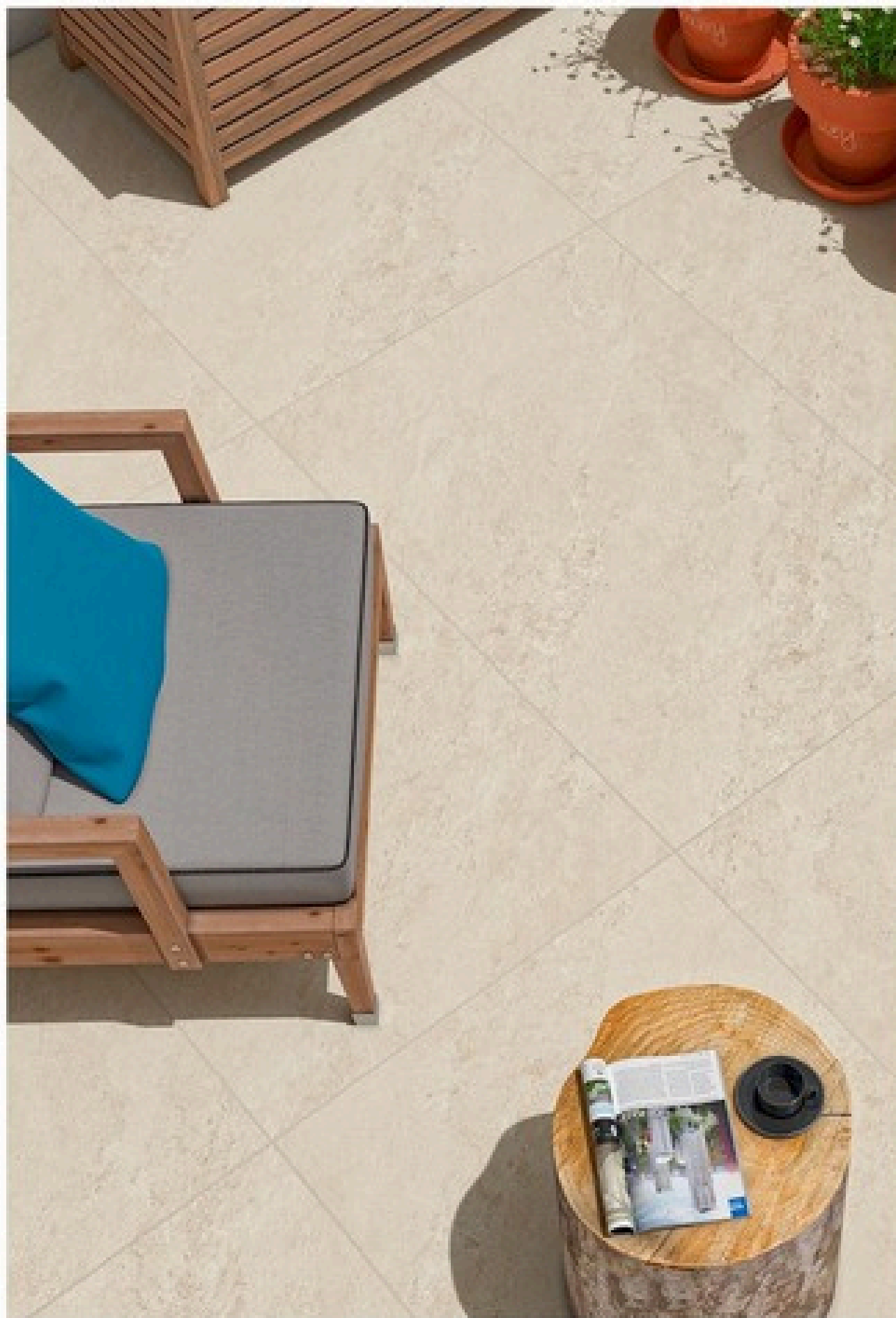
Himalaya Grey 60x90 R11





Himalaya White 60x90 R11

Himalaya Beige 60x90 R11



Himalaya Cream 60x90 R11

Himalaya



Cream ± 20mm



Beige ± 20mm



White ± 20mm



Grey ± 20mm



Himalaya Cream



Himalaya Beige



Himalaya White



Himalaya Grey

Sandrock

Sandrock Silver 60x90 R11





Sandrock Beige 60x90 R11



Sandrock Beige 60x90 R11

Sandrock Nero 60x90 R11



Sandrock



Beige ± 20mm



Silver ± 20mm



Nero ± 20mm



Sandrock Beige



Sandrock Silver



Sandrock Nero

Opal Beige 60x90 R11



Opal Crema 60x90 R11



Opal Gris 60x90 R11



Opal White 60x90 R11

Opal



Crema ± 20mm



Grey ± 20mm



Beige ± 20mm



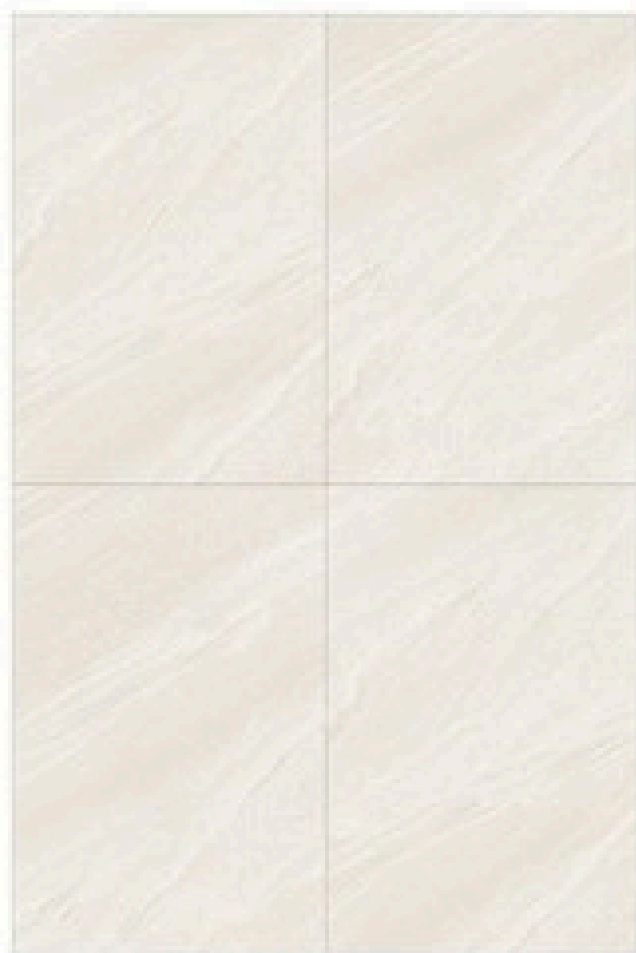
White ± 20mm



Gris ± 20mm



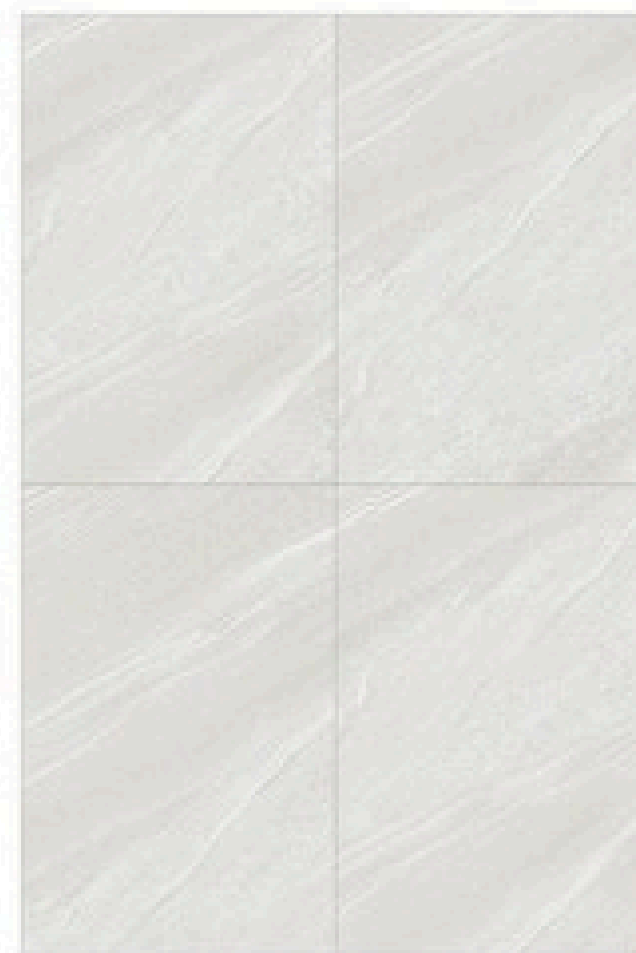
Anthracite ± 20mm



Opal Crema



Opal Grey



Opal White



Opal Gris

Espirit Grey 60x60 R11



Esprit Grey 60x90 R11



Esprit Grey 60x90 R11

Espirit



Grey

± 20mm



Espirit Grey

Espirit Grey 60x90 R11



Blue stone

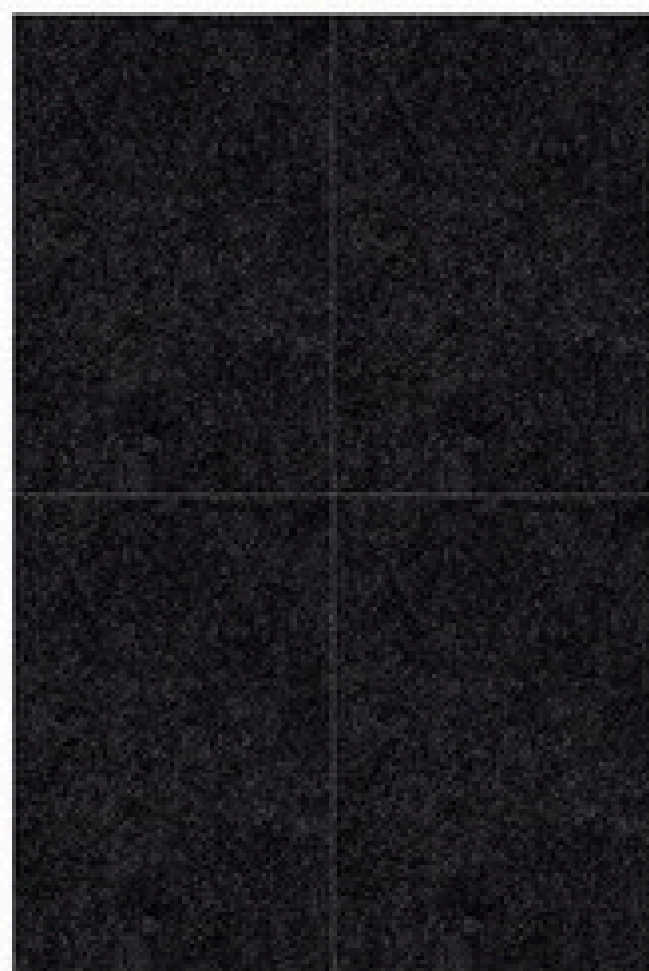
Blue stone Natural 60x90 R11



Blue stone



Natural ± 20mm



Blue stone Natural

Blue stone Natural 60x90 R11



Rough Bruno





Rough Bruno 60x90 R11

Rough Bruno



Rough Bruno ± 20mm

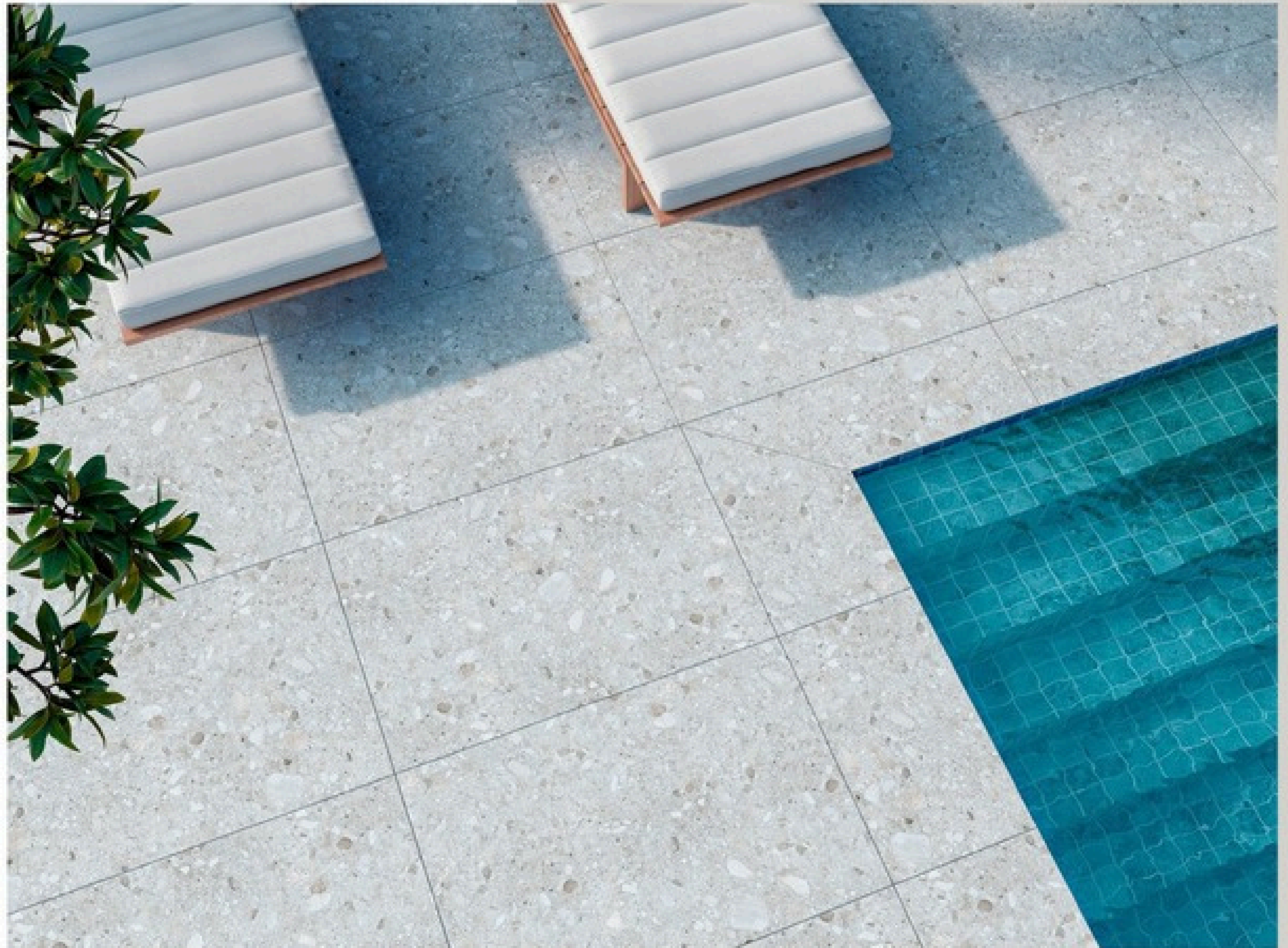
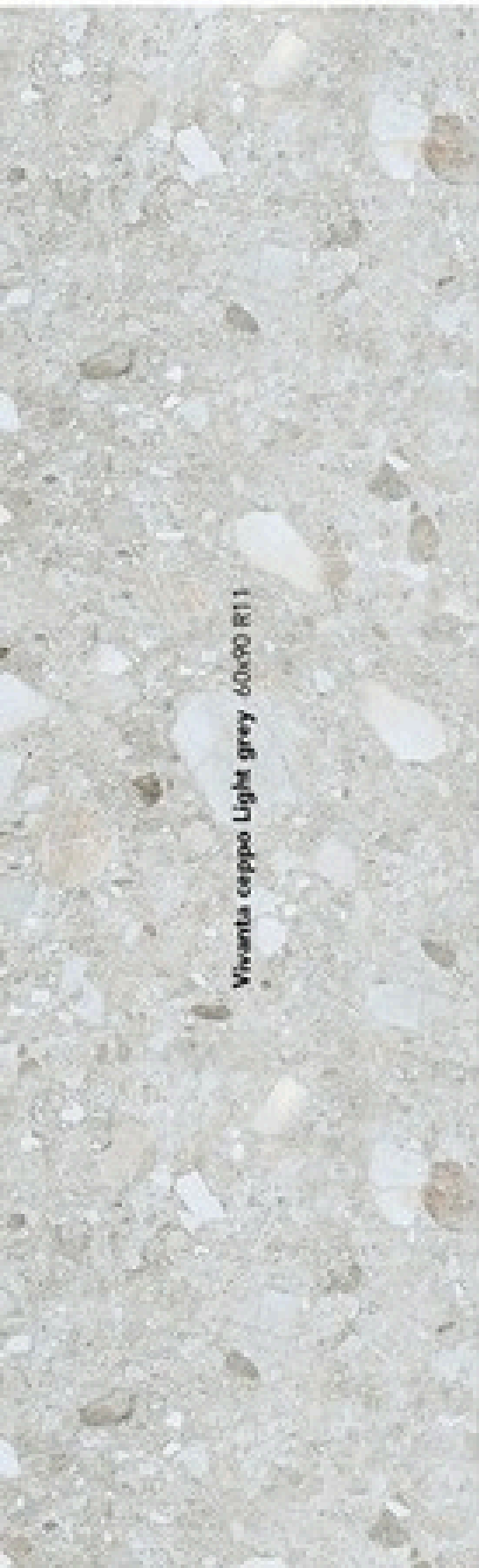


Rough Bruno

Rough Bruno 60x90 R11



Vivanta ceppo





Vivanta ceppo Bianco 60x90 R11

Vivanta ceppo Sand 60x90 R11



Vivanta ceppo Ivory 60x90 R11

Vivanta ceppo



Bianco ± 20mm



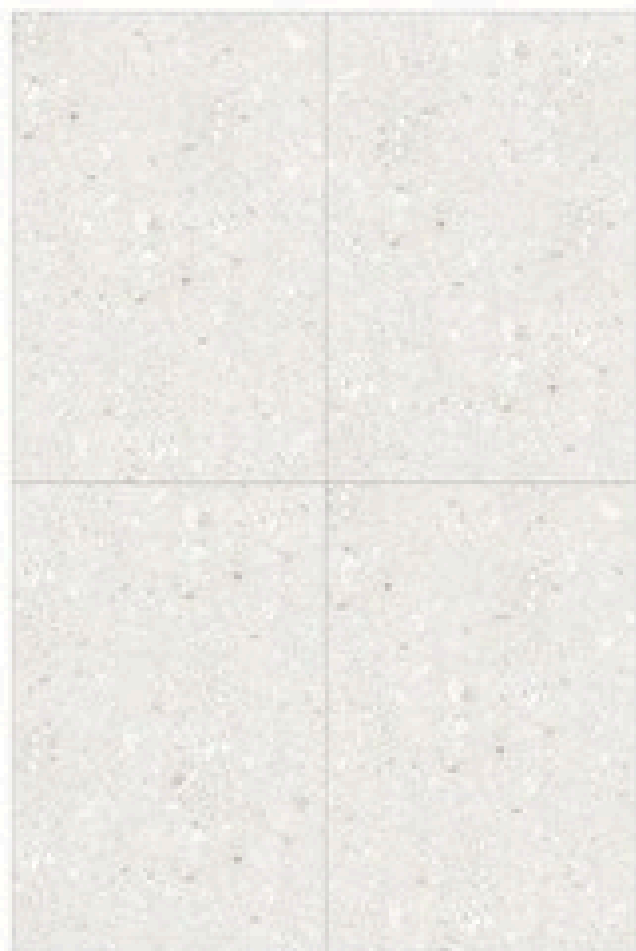
Ivory ± 20mm



Tan ± 20mm



Sand ± 20mm



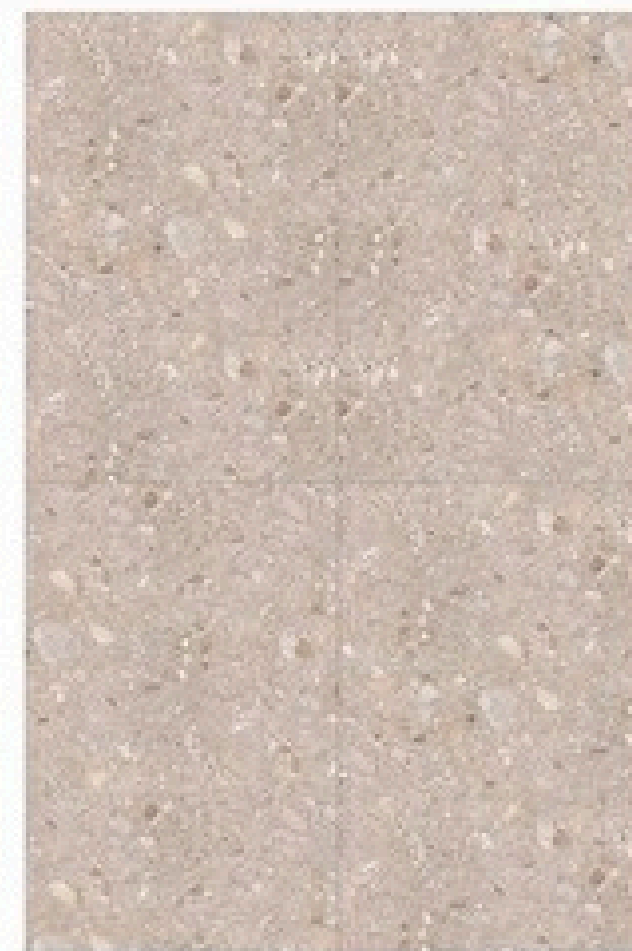
Vivanta ceppo Bianco



Vivanta ceppo Ivory



Vivanta ceppo Tan



Vivanta ceppo Sand

Opus

Opus Grey 60x90 R11





Opus Bianco 60x90 R11

Opus Moca 60x90 R11



Opus Ivory 60x90 R11

Opus



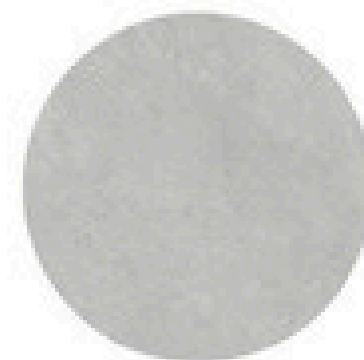
Ivory ± 20mm



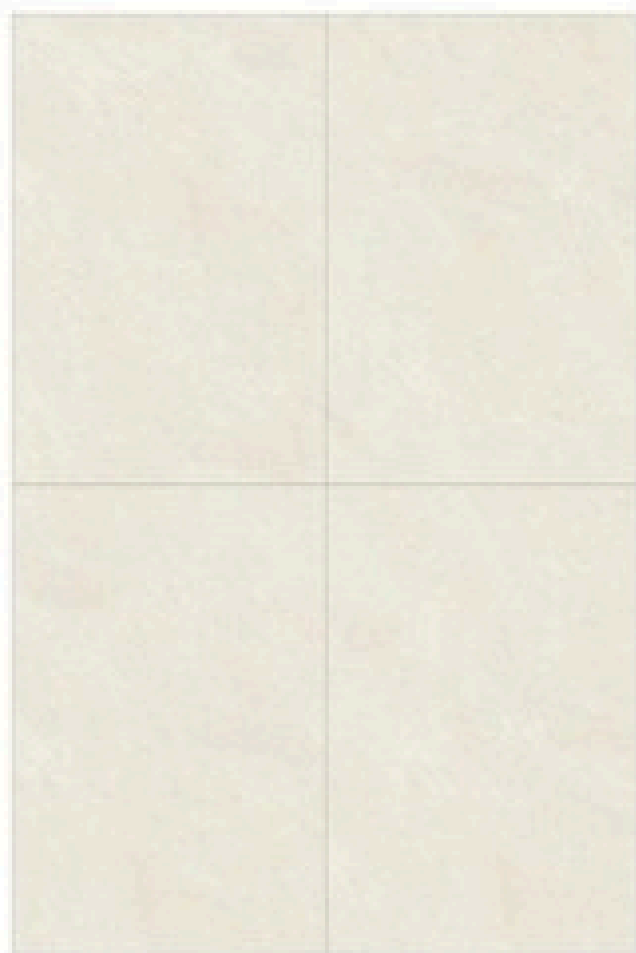
Moca ± 20mm



Bianco ± 20mm



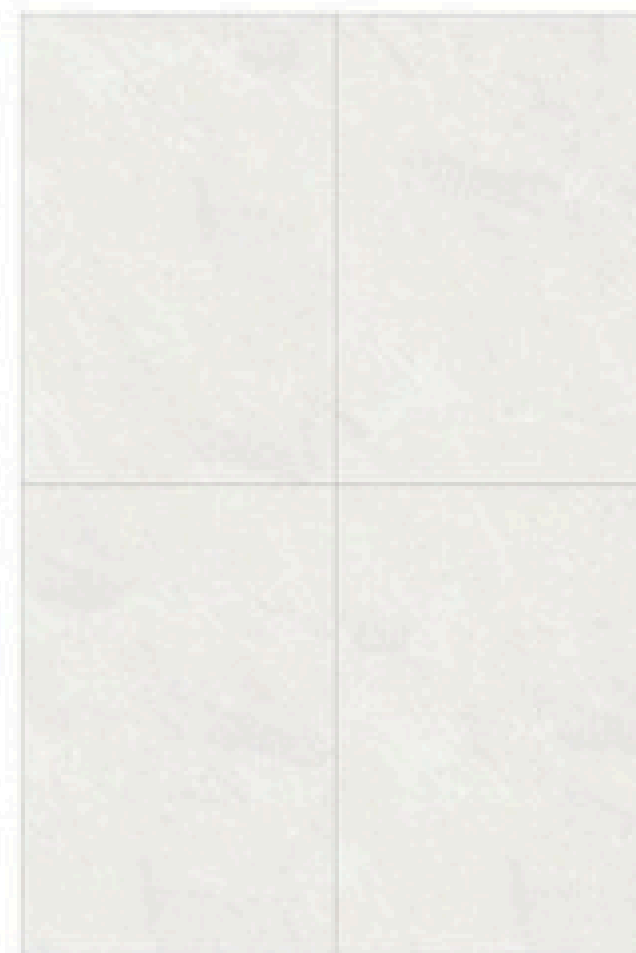
Grey ± 20mm



Opus Ivory



Opus Moca



Opus Bianco



Opus Grey

California gold



California gold 60x90 R11



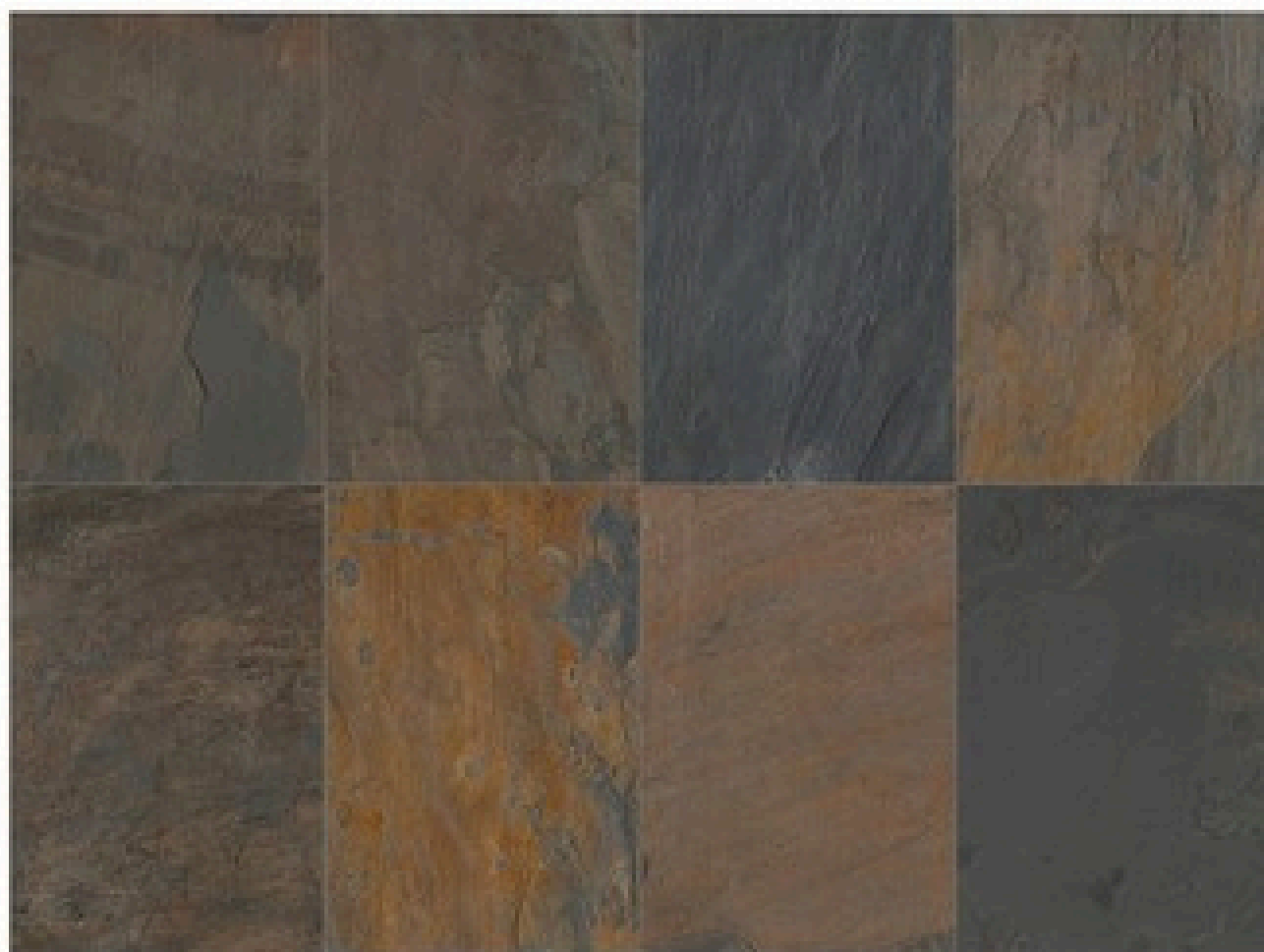


California gold 60x90 R11

California gold

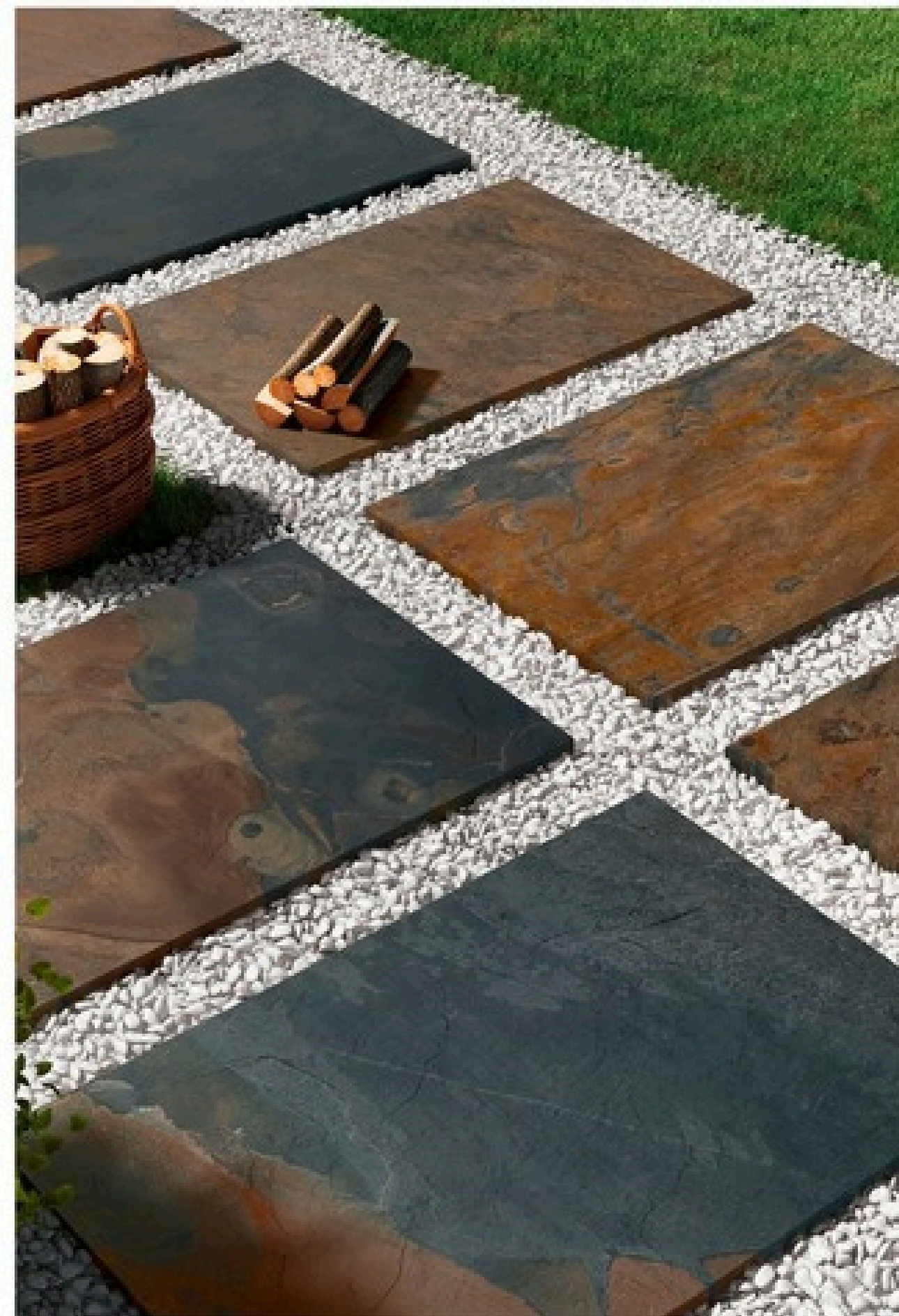


California gold 20mm



California gold

California gold 60x90 R11



Slate Imperio



Slate Imperio 60x90 R11



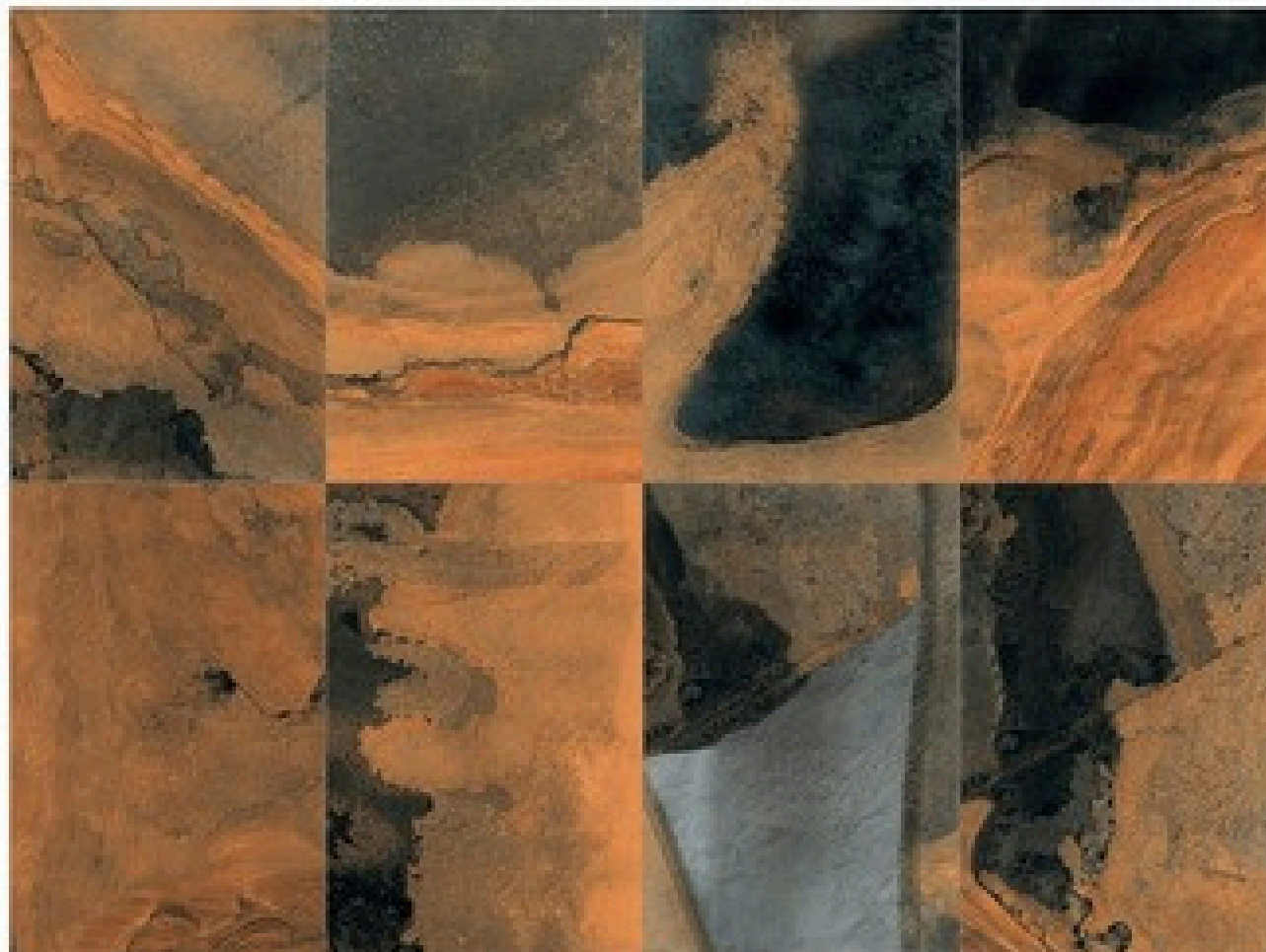


Slate Imperio 60x90 R11

Slate Imperio

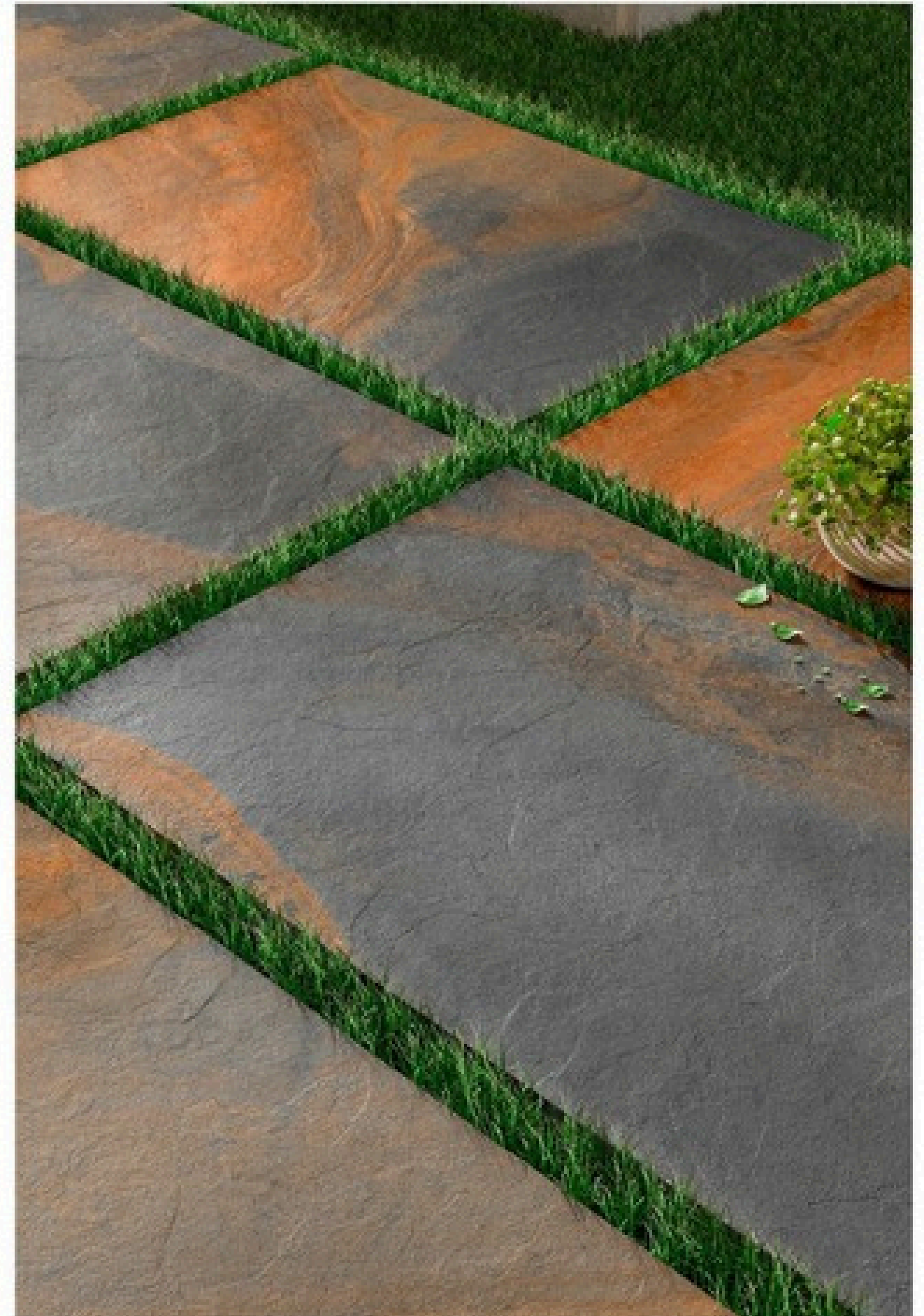


Slate Imperio 20mm



Slate Imperio

Slate Imperio 60x90 R11



Quartz

Quartz Dark grey 60x80 R11

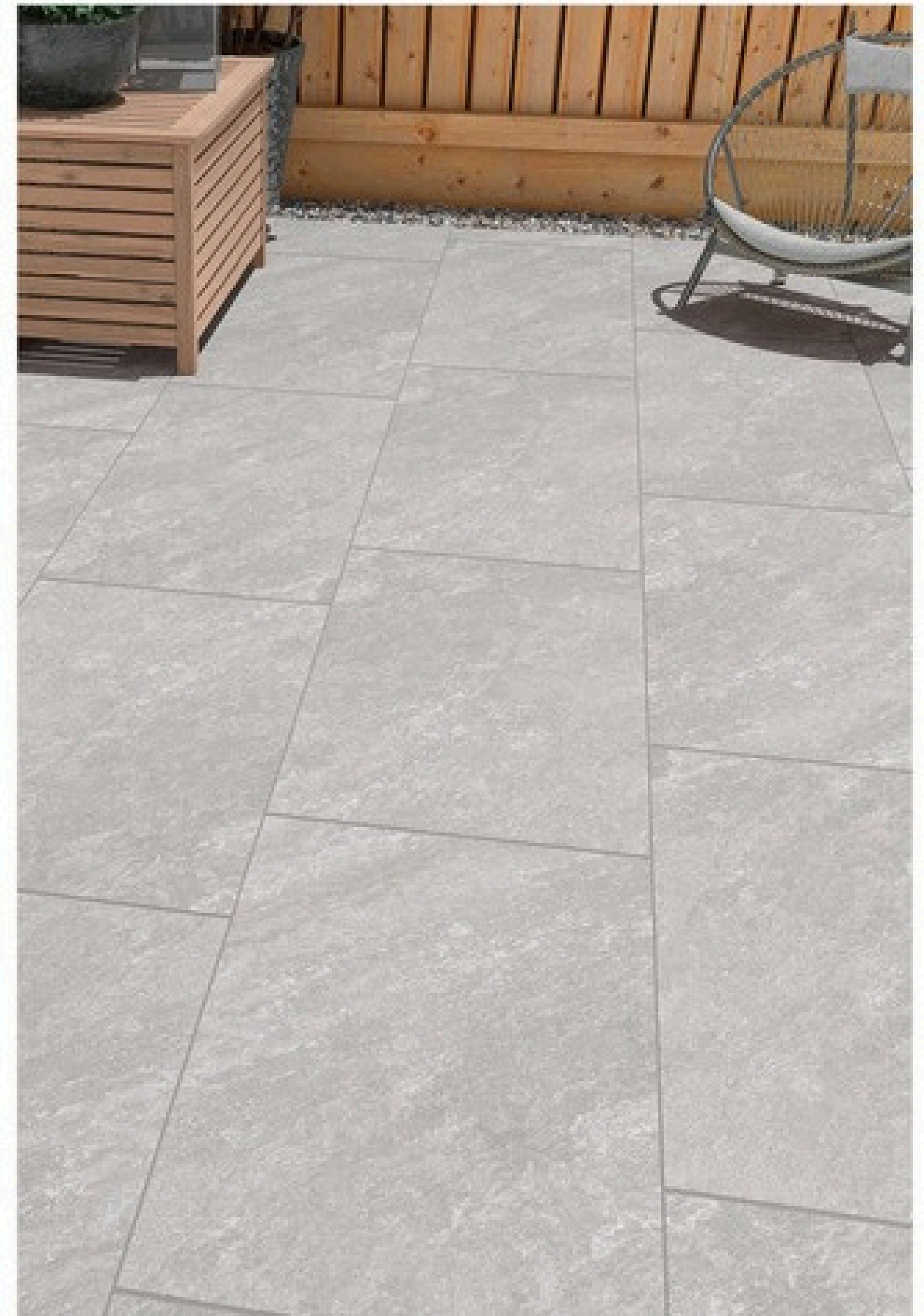




Quartz White 60x90 R11



Quartz White 60x90 R11



Quartz Grey 60x90 R11



Quartz Grey 60x90 R11

Quartz



White ± 20mm



Grey ± 20mm



Dark grey ± 20mm



Quartz White



Quartz Grey



Quartz Dark grey

Station

Station Bianco 60x90 R11





Station Caffee 60x90 R11



Station Grey 60x90 R11

Station



Bianco ± 20mm



Caffee ± 20mm



Grey ± 20mm



Station Bianco



Station Caffee



Station Grey

Hammerstone

Hammerstone Grey 60x90 R11





Hammerstone Beige 60x90 R11



Hammerstone Nero 60x90 R11



Hammerstone Grey 60x90 R11

Hammerstone



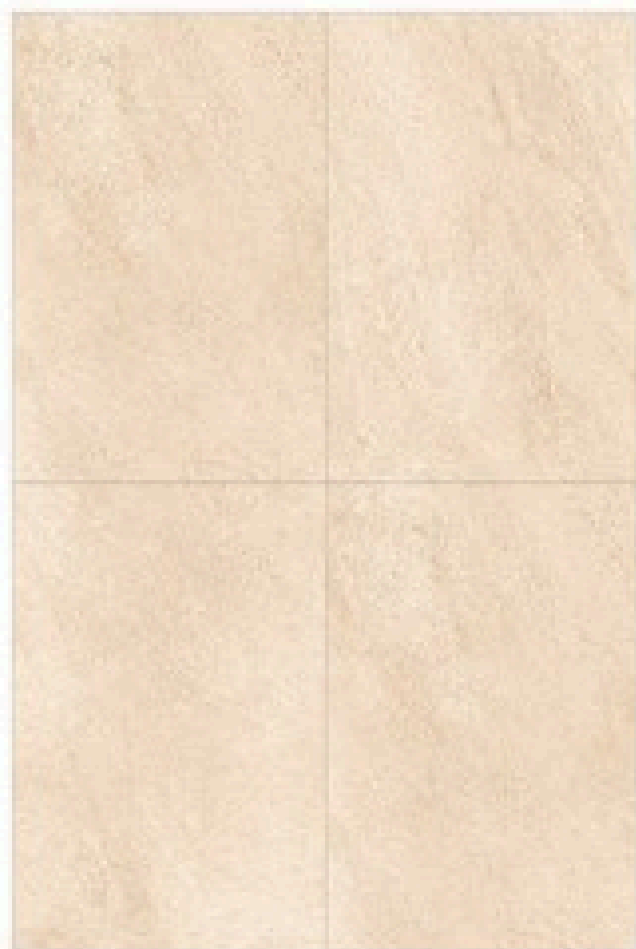
Beige ± 20mm



Grey ± 20mm



Nero ± 20mm



Hammerstone Beige



Hammerstone Grey



Hammerstone Nero

Cementino

Cementino Ash 60x90 R11





Cementina Grey 60x90 R11

230 20MM OUTDOOR PORCELAIN TILES

231

Cementino



Grey 20mm



Ash 20mm



Cementino Grey



Cementino Ash

Cementino Grey 60x90 R11



Statuario neve extra

Statuario neve extra 60x90 R11



Statuario nevo extra



Statuario nevo extra 20mm



Statuario nevo extra

Statuario nevo extra 60x90 R11



Royal carrara

Royal carrara 60x90 R11



Royal carrara



Royal carrara ± 20mm



Royal carrara

Royal carrara 60x90 R11



Technical **Characteristics**

Technical Characteristics

Sr. No.	TEST CONDUCTED	TEST RESULT	TEST REQUIREMENTS AS PER IS 15422 : 2006	REMARK
1	Water absorption (B- by mass)	Average : 0.17	-	Based on the results of water absorption the tested tiles conformed to Gr. B to 0.08% ± 3% of IS 15422 : 2006. Further test results were delivered as per requirements of Gr. B to
2	Modulus Of Rupture (MOR) N/mm ² Span Length = 580 mm Average thickness of the tiles measured = 19.81 mm	Average : 39.2 N/mm ²	(Gr. B to) Average 38 N/mm ² Individual 35 N/mm ² Minimum	Passed the test
3	Breaking Strength (N) Span Length = 580 mm Average thickness of the tiles measured = 19.81 mm	Average : 8095.0 N	(Gr. B to) For thickness > 7.5 mm 1200 N minimum	Passed the test
4	Scratch Hardness Surface (Mohr' scale)	No. 7	(Gr. B to) For commercial application 5 minimum, Home application 5 minimum	Passed the test
5	Thermal Shock Resistance	None of the tiles as tested showed any defects on surface at the end of the 10th cycle.	(Gr. B to) Tiles specimens should not show any visible defect when subjected to thermal shock resistance test as per test method IS 13430 : 2006 (Part 5) with immersion	Passed the test
6	Bulk Density (kg/m ³)	Average : 2.302	IS 13430 (Part 2) : 2006	
7	Co-efficient of Thermal Expansion from ambient Temperature to 100oC	$\alpha = 4.4956$ (10o C) $\beta = 4.6883$ (10o C)	-	Passed the test
8	Straightness of Sides (Rectal sides) The maximum deviation from straightness in percent related to the corresponding work sizes	± 0.05 % (Max) ± 0.05 % (Max)	(Gr. B to) $\leq \pm 0.10$ cm ² ± 0.1 %	Passed the test
9	Rectangularity The maximum deviation from straightness in percent related to the corresponding work sizes	± 0.10 % (Max) ± 0.10 % (Max)	± 0.1 %	Passed the test
10	Surface Flatness The maximum deviation from flatness in percent (a) Centre of curvature related to diagonal calculated from work size. (b) Edge of curvature related to the corresponding work size (c) Warpage related to the diagonal calculated from the Work Size	± 0.17 % (Max) ± 0.10 % (Max) ± 0.14 % (Max) ± 0.09 % (Max) ± 0.06 % (Max)	± 0.2 % ± 0.2 % ± 0.2 % ± 0.2 %	Passed the test Passed the test Passed the test
11	Chemical resistance Five test specimens were treated with following acids. (a) Centre of curvature related to diagonal calculated from work size. (b) Edge of curvature related to the corresponding work size (c) Warpage related to the diagonal calculated from the Work Size			
	Five test specimens were treated with following acids. 1. Household Chemicals (a) Ammonium Chloride soln. (500-gm/l)	No visual changes observed after immersion for 4 hrs., pencil lines removed with soft dry cloth.	* Class - AA * min.	Conformed to "Class-AA"
	(b) Standard cleaning Agent soln., (as per procedure)	No visual changes observed after immersion for 4 hrs., pencil lines removed with soft dry cloth.	* Class - AA * min.	Conformed to "Class-AA"
	2. Swimming pool salts (a) Sodium Hypochlorite Soln. (20 mg / l)	No visual changes observed after immersion for 4 hrs., pencil lines removed with soft dry cloth.	* Class - AA * min.	Conformed to "Class-AA"
	(b) Copper Sulphate Soln. (20 mg / l)	No visual changes observed after immersion for 4 hrs., pencil lines removed with soft dry cloth.	* Class - AA * min.	Conformed to "Class-AA"
	3. Acids (a) Hydrochloric acid Soln. 3 % (v/v)	No visual changes observed after immersion for 4 hrs., pencil lines removed with soft dry cloth.		Conformed to "Class-AA"
	(b) Citric acid Soln. (200 mg / l)	No visual changes observed after immersion for 4 hrs., pencil lines removed with soft dry cloth.		Conformed to "Class-AA"
	4. Alkali Potassium hydroxide soln., (200 mg / l)	No visual changes observed after immersion for 4 hrs., pencil lines removed with soft dry cloth.		Conformed to "Class-AA"

12	Slid Resistance/ Surface Slip Resistance (a) Coarse Tile Surface was cleaned thoroughly by wet cloth followed by dry cloth and ensured that the surface is completely clean and dry; the (b) Direction of Test 1) Parallel to sides (4 Measurements) 2) Diagonal to sides (4 Measurements)	Coefficient of friction μ 1) 0.83 2) 0.78 3) 0.77 4) 0.75 5) 0.76 6) 0.75 7) 0.76 8) 0.76	As per IS 15422 Part - 12	
13	Moisture expansion (mm./ m ²)	0.03	-	Passed the test
14	Slid Resistance/ Surface Slip Resistance BS EN Standard specification (EN14611) : 2005 (Group IIIa)		B-11	B-11

Packing details (Outdoor)

SIZE	WEIGHT / BOX (KG)	PCS / BOX	BOXES / PALLATE	PALLATE / CTN	BOXES / CTN	MT3 / BOX	MT3 / PALLATE	MT3 / CTN	WEIGHT / CTN (KG)
600x900mm (20mm)	22	1	40	31	1240	0.54	21.60	648.60	27600
600x600mm (20mm)	31	2	32	28	896	0.72	23.04	645.12	27700

Packing details (Patiopack)

SIZE	PCV CRAT	MT3/ PCS	MT3/ CRAT (EACH SIZE)	IN KG/ CRAT	CRAT / CTN	MT3/ CTN	WEIGHT / CTN (kg)
600x900mm(20mm)	16	0.54	8.64	368	33	647.76	27324
600x600mm (20mm)	16	0.36	5.76	252			
600x240mm (20mm)	16	0.18	2.88	136			
240x240mm (20mm)	16	0.09	1.44	72			

BOX DESIGN



STANDARD SAFEDA PALLATE





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