



MATT
'24 COLLECTION
MATT

SLABTILE

Simola is a reputed manufacturer of technically-advanced vitrified tiles, providing an expansive range of vitrified tile décor options for home and commercial interiors. A private limited company based in the western-Indian ceramic hub of Morbi (Gujarat), Simola's modern manufacturing unit is technically supported by SACMI, a recognized worldwide leader in manufacturing machines and complete plants for the Ceramics industry.

Simola continuously endeavours to maintain exacting international standards of procurement, production and quality testing. The modern testing facilities are equipped to qualify every tile by its length, straightness, thickness, shape and surface. Every tile is also tested for its hardness, water absorption, flexural strength and abrasion resistance. Other technical specifications checked to include skid resistance, breaking strength, density, frost resistance, chemical resistance, thermal shock resistance, colour resistance, thermal expansion, stain resistance, moisture expansion and glossiness.

www.simola.in

20

Years of experience

260k

Square meters land

30+

Export countries

300+

Employees

300+

Dealers in INDIA

20k

Square meters production per day



BLOCK TO MARBLE

METAMORPHOSIS



Witness the mesmerizing "Block to Marble Metamorphosis" as we unveil our stunning marble tiles, sized at 1200x1800. Each tile goes through a remarkable journey, transforming from a rugged marble block into a masterpiece of elegance and grace. With a touch that feels just like real marble, these tiles bring the timeless beauty of natural stone to your space, adding a touch of luxury and sophistication. Experience the artistry and craftsmanship behind this metamorphosis and elevate your surroundings



1200X 1800MM

Step into a world of possibilities as you explore the range of patterns, textures, and colors that define our collection. From sleek contemporary aesthetics to a rustic allure, our tiles cater to every taste and vision. Transform your floors and walls into canvases of expression, and let your interiors tell a story of finesse.



9mm thickness

Discover durability that complements design - our 9mm thickness ensures longevity without compromising on grace. Each tile is a testament to craftsmanship, a masterpiece that promises not just beauty, but enduring strength.



ADVANTAGES OF SIMOLA SLAB

1. SPACIOUSNESS

In the same way that light colors provide the feeling of greater size to any room, the size or size of the tiles also directly affects the perception of the size of a room.

If you intend to visually extend an environment, that is to say that gives the feeling of being larger than it is in reality, the most appropriate and recommended is to lean on large-scale porcelain tiles.

2. VARIETY OF USES

Large surfaces give way to a large number of innovative ideas regarding design, since they offer a large number of uses. It is possible to use porcelain tiles for the design of bathrooms, kitchens, countertops, work tables, among many other ideas, due to its size, consistency and high technical performance.

3. CONTINUITY EFFECT

The large extensions in the porcelain pieces allow coating the surfaces making use of a small number of pieces. This translates into a smaller number of groupings, which makes it possible to create a higher visual level of uniformity.

The reduction of the grouping of the pieces provokes a greater visual continuity that only large-format porcelain sheets can offer. In addition, as the pieces are of rectified joints, the separation between the sheets is extremely reduced. Despite this, we recommend that the filling between pieces be done with color or tone similar to the tile, giving the illusion that it is a single piece.

4. INSTALLATION TIME

Another advantage that we can highlight about this type of format, is the reduction of installation time. When the porcelain tile is larger, it requires a smaller number of sheets, which in turn facilitates its assembly and minimizes the time dedicated to it.

Years ago, it could be heard that large-format tiles were more complicated to place compared to traditional tiles. However, these problems were left in the past thanks to innovative installation methods that allow quick, easy and simple tiling.

5. SUITABLE FOR FACADES

The large-format porcelain stoneware can use great techniques when coating the facades, not only for its size, but for the benefits of strength and durability they provide.

6. LARGE FORMATS ARE TREND

Also, if you want to be up to date and follow the dictates of fashion, you should take note of the use of large porcelain formats. In them, you will find the answer to create spaces of great beauty and uniqueness.

With large-format tiles you can unify spaces and are easy to integrate with other types of porcelain stoneware such as hydraulic tiles that provide a more vintage touch, to design original and modern rooms.

7. BRUTALIST STYLE

If you are a fan of the Brutalist Style, large-format tiles are your great ally. The crude and primitive nature of the brutalist style, which frequently uses materials from the past, fits perfectly with the technical characteristics of large formats, as well as with its wide range of applications.

8. MORE HYGIENIC

And, last but not least: large-format tiles are more hygienic. You wonder why? With less together, there are fewer areas in which to store the dirt. Therefore, large-scale porcelain stoneware is in itself more hygienic, providing, at the same time, a faster and easier cleaning.

FEATURES OF SIMOLA SLAB

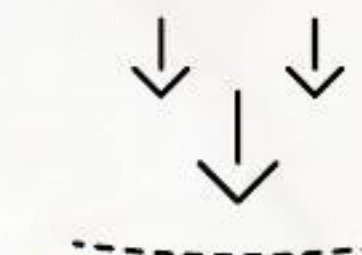
Simola Slab Tile is a remarkable and versatile flooring solution that combines aesthetic appeal with exceptional durability. With its unique features and benefits, Simola Slab tile stands out as an excellent choice for both residential and commercial spaces. Let's delve into the key features that make Simola Slab Tile a desirable flooring option



WATER
RESISTANT



HYGIENIC
SURFACE



FLEXIBLE



SCRATCH
RESISTANT



HEAT
RESISTANT



FROST
RESISTANT

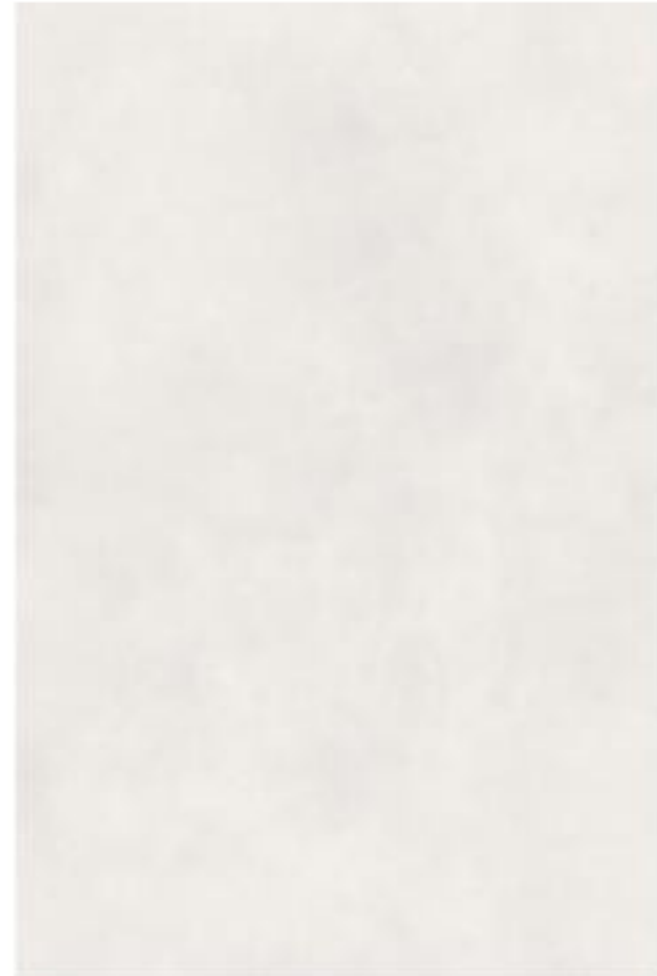


STAIN
RESISTANT



CHEMICAL
RESISTANT

ASPEN CREMA



ASPEN GRIGIO



ASPEN TAUPE



ASPEN VARDE



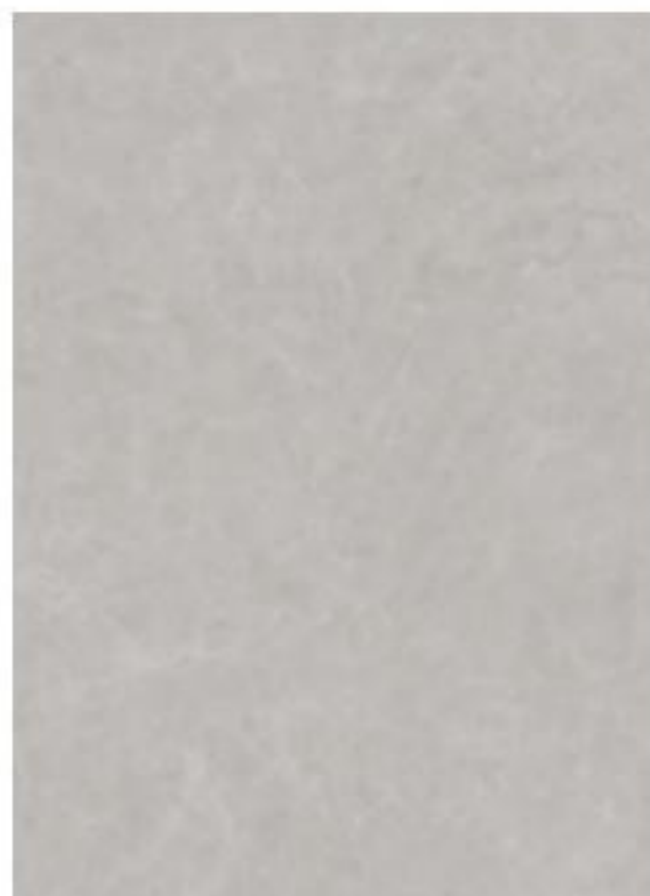
STATION CAFFEE



STATION BIANCO



STATION GREY



VERA BEIGE



VERA CAFFEE



VERA TAUPE



VERA LGY





Aspen Crema

FLOOR
ASPEN CREMA _ 1200x1800MM
MATT _ SURFACE



Aspen Grigio

FLOOR & WALL

ASPEN GRIGIO _ 1200x1800MM

MATT _ SURFACE





Aspen Verde

FLOOR
ASPEN VERDE _ 1200x1800MM
MATT _ SURFACE



Aspen Taupe

FLOOR & WALL
ASPEN TAUPE _ 1200x1800MM
MATT _ SURFACE



Aspen

Size

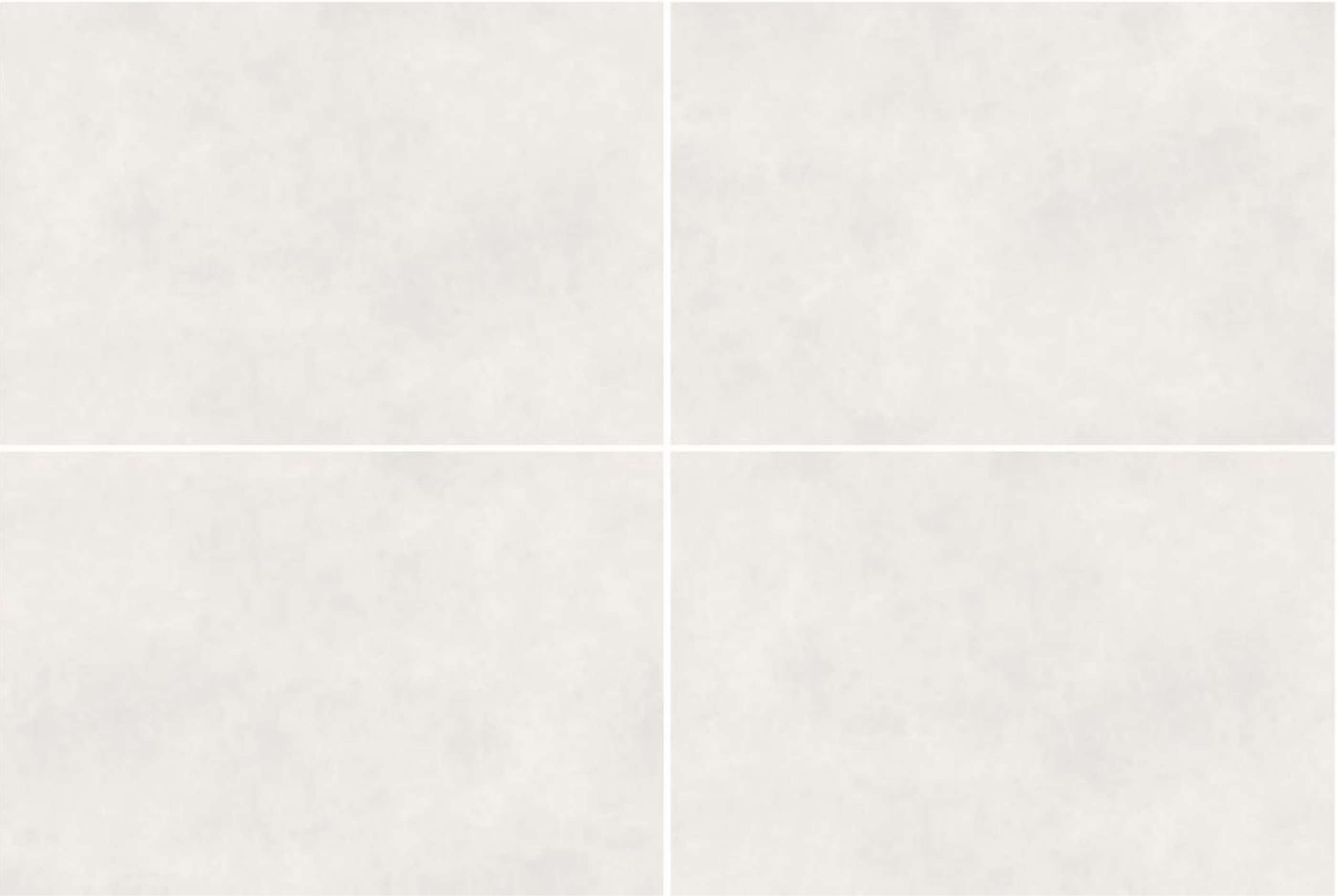
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Surface

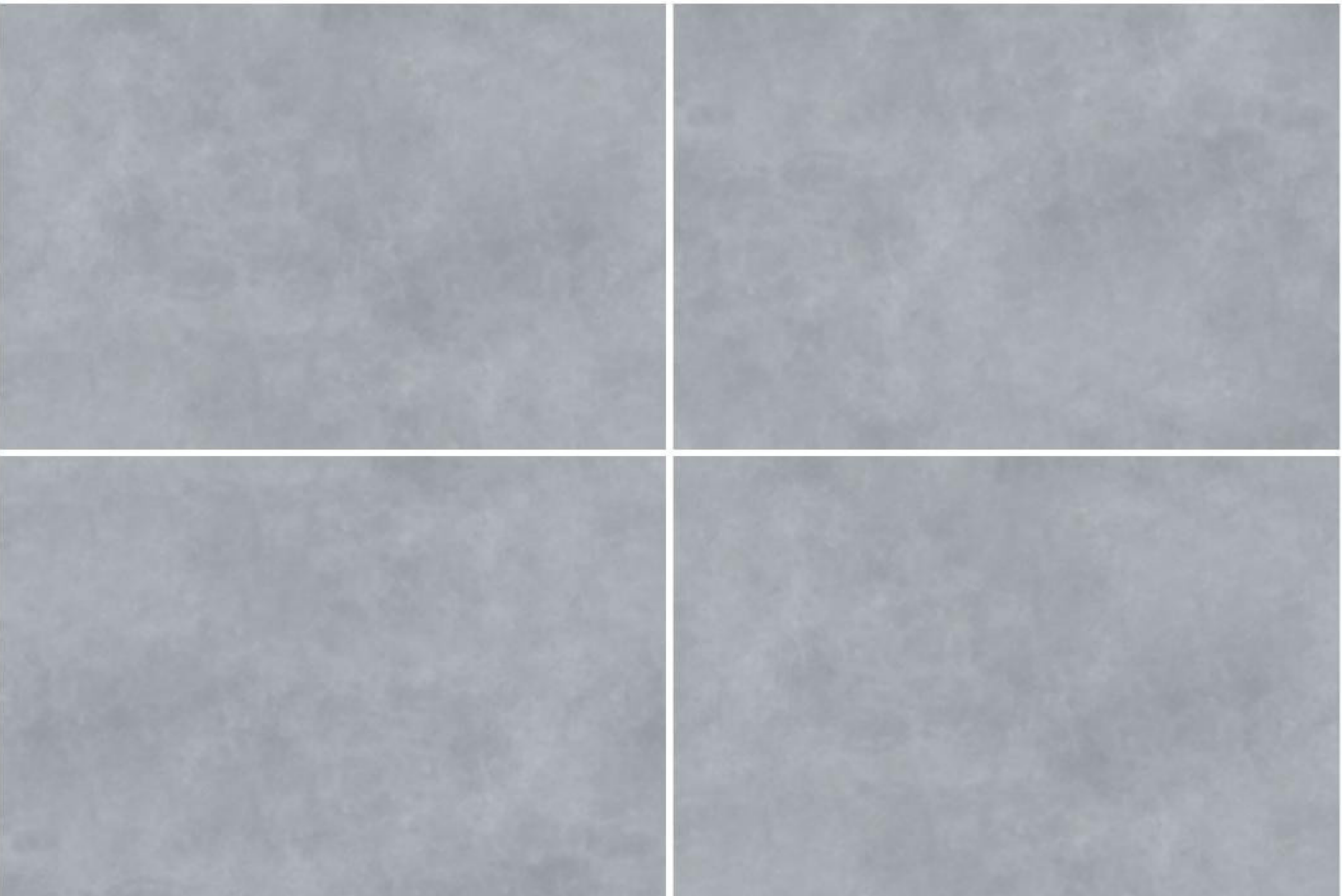
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ASPEN CREMA



ASPEN CREMA



Aspen

Size

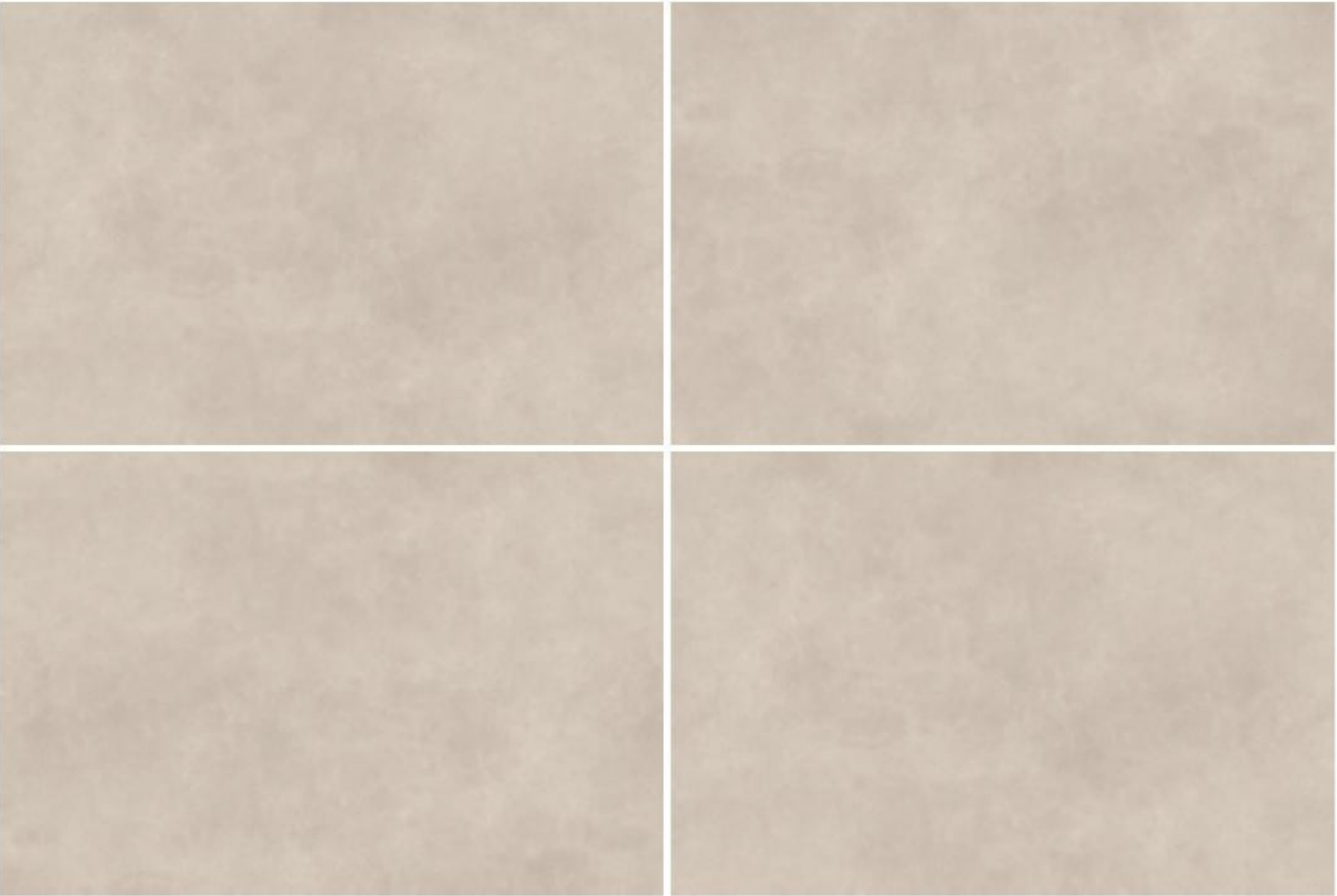
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Surface

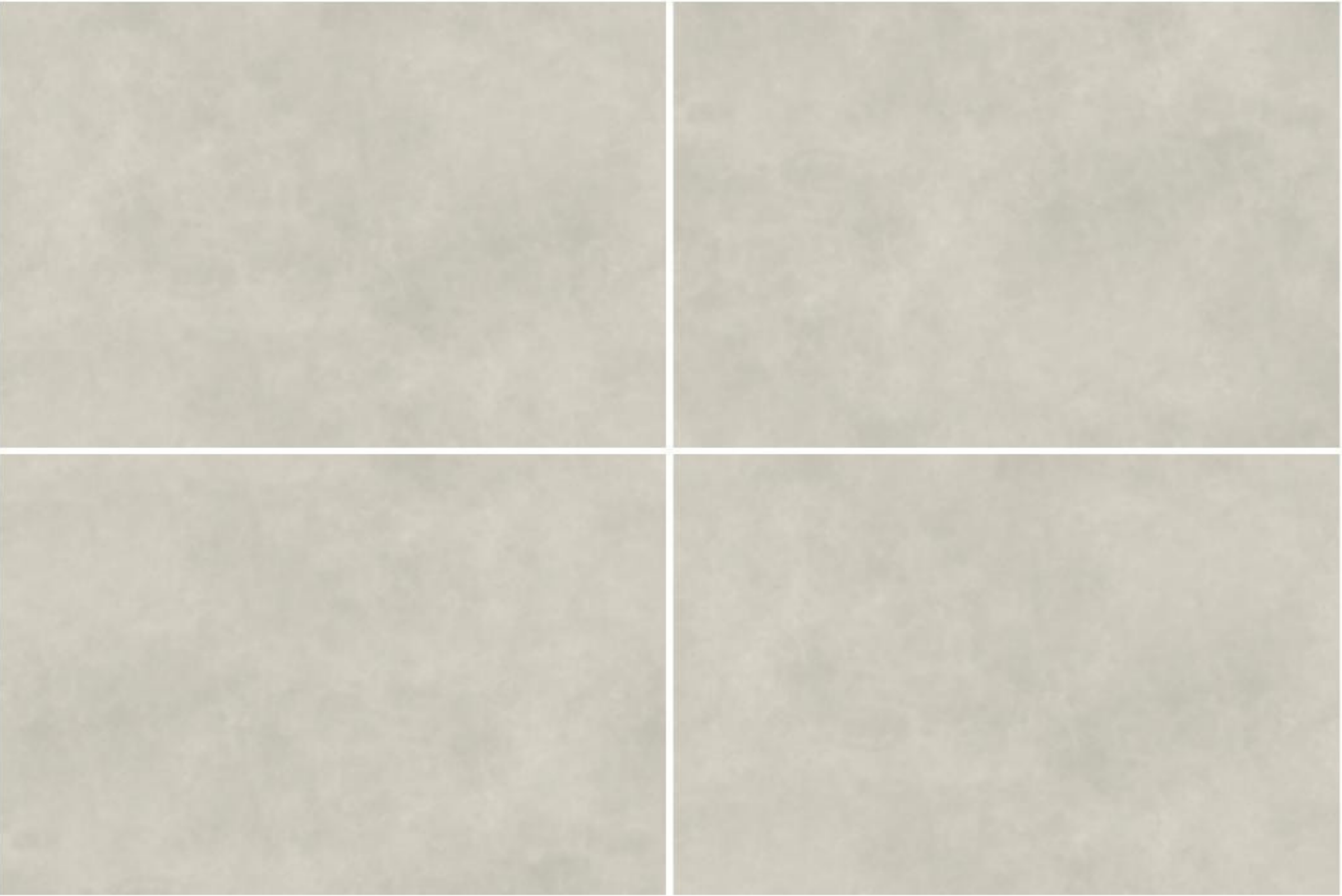
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ASPEN TAUPE



ASPEN TAUPE





Station Bianco

FLOOR
STATION BIANCO _ 1200x1800MM
MATT _ SURFACE



Station Caffee

FLOOR

STATION CAFFEE _ 1200x1800MM

MATT _ SURFACE





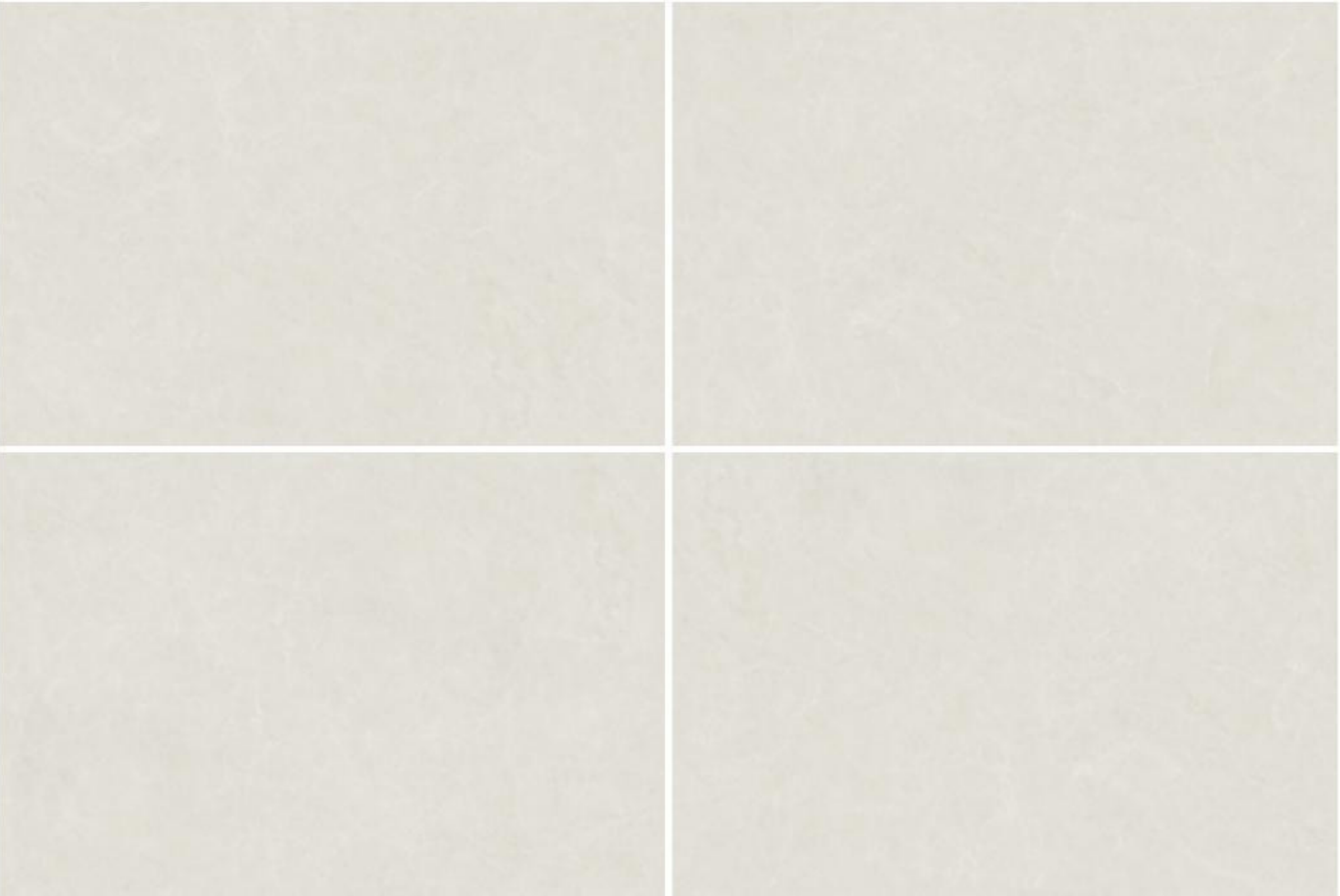
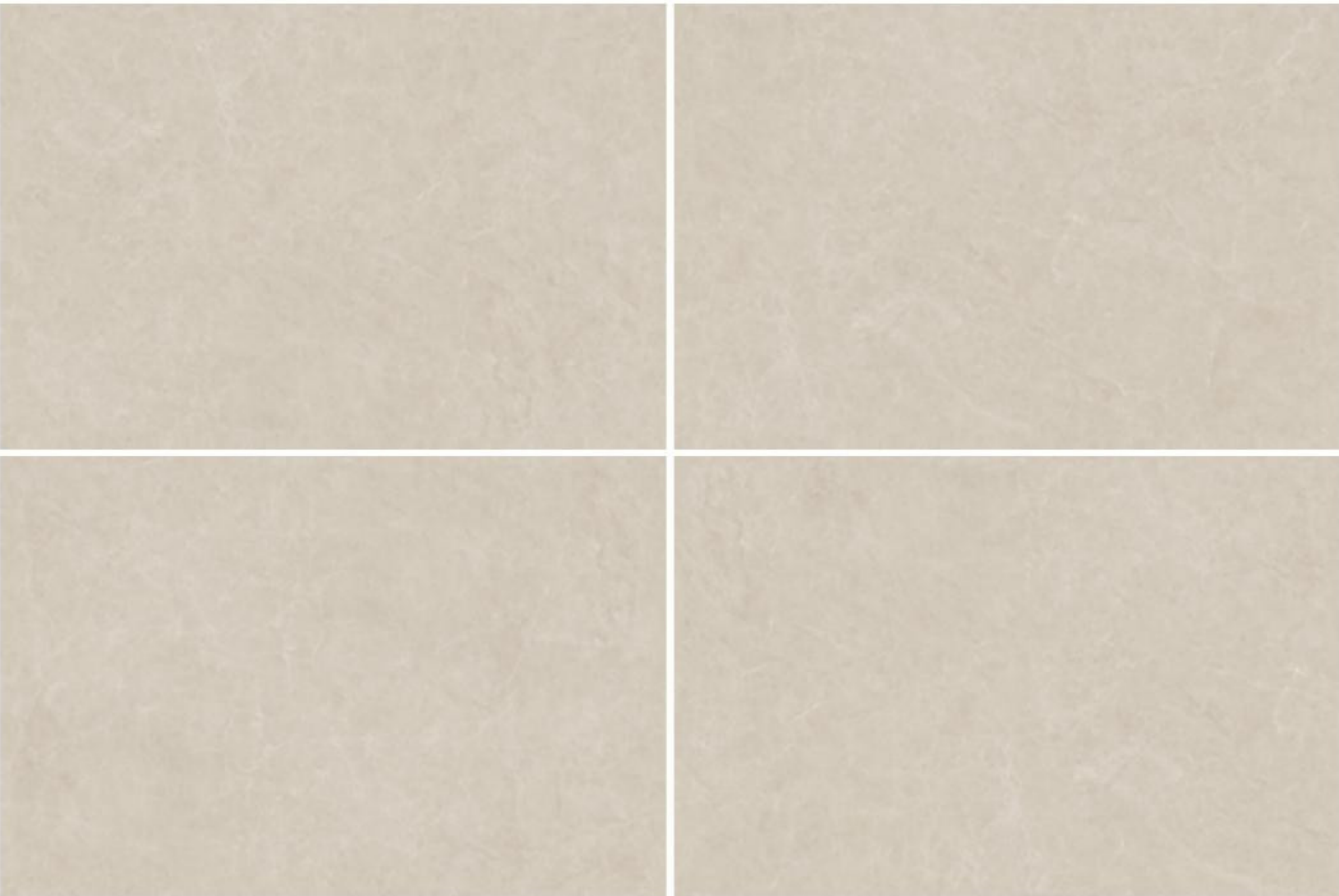
Station Grey

FLOOR
STATION GREY _ 1200x1800MM
MATT _ SURFACE



Station

Size	Surface
1200x1800mm	Matt
	



STATION BIANCO





Vera Beige

FLOOR
VERA BEIGE _ 1200x1800MM
MATT _ SURFACE



Vera Caffee

FLOOR & WALL

VERA CAFFEE _ 1200x1800MM

MATT _ SURFACE





Vera Lgy

FLOOR & WALL
VERA LGY _ 1200x1800MM
MATT _ SURFACE



Vera

Size

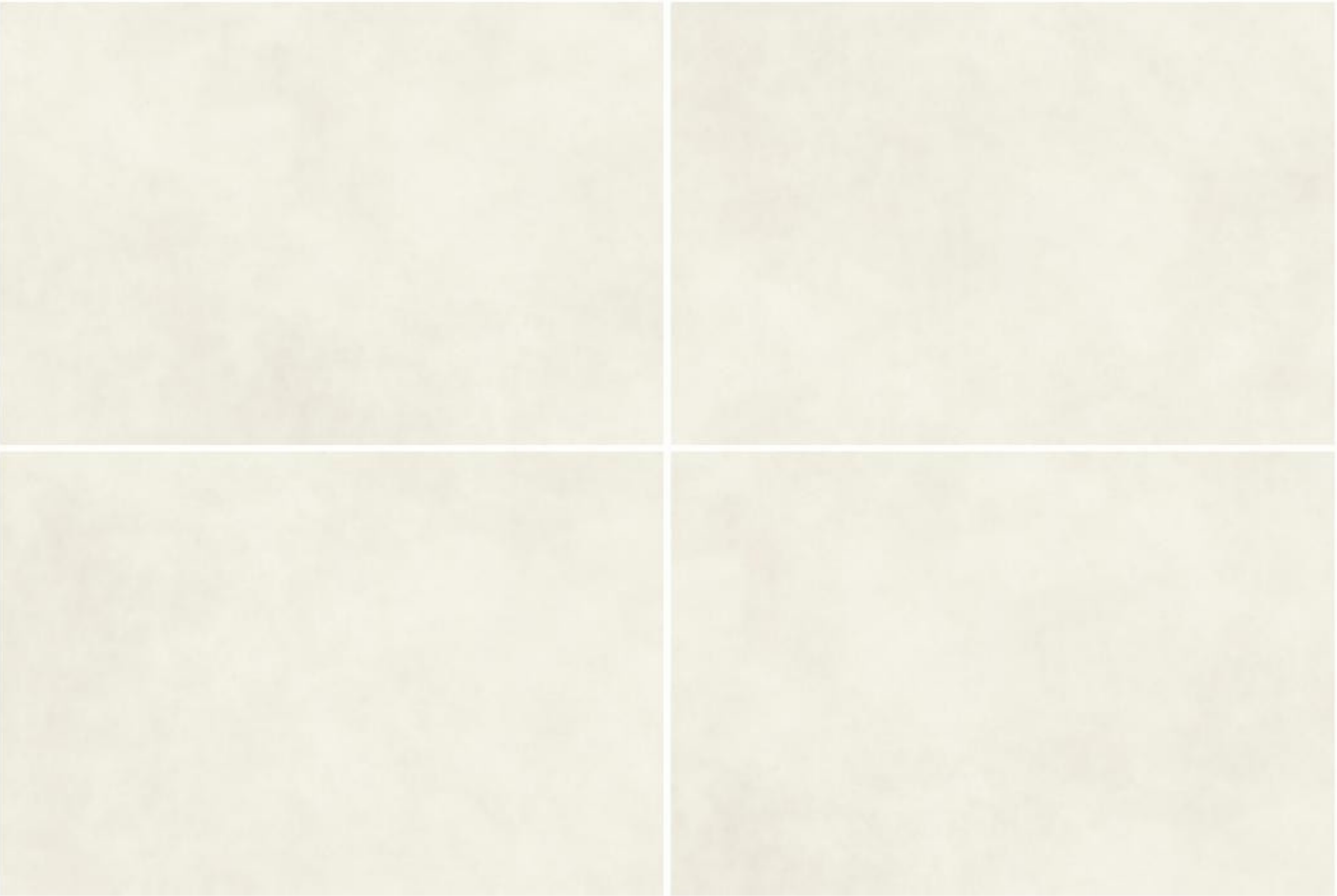
1200x1800mm

Surface

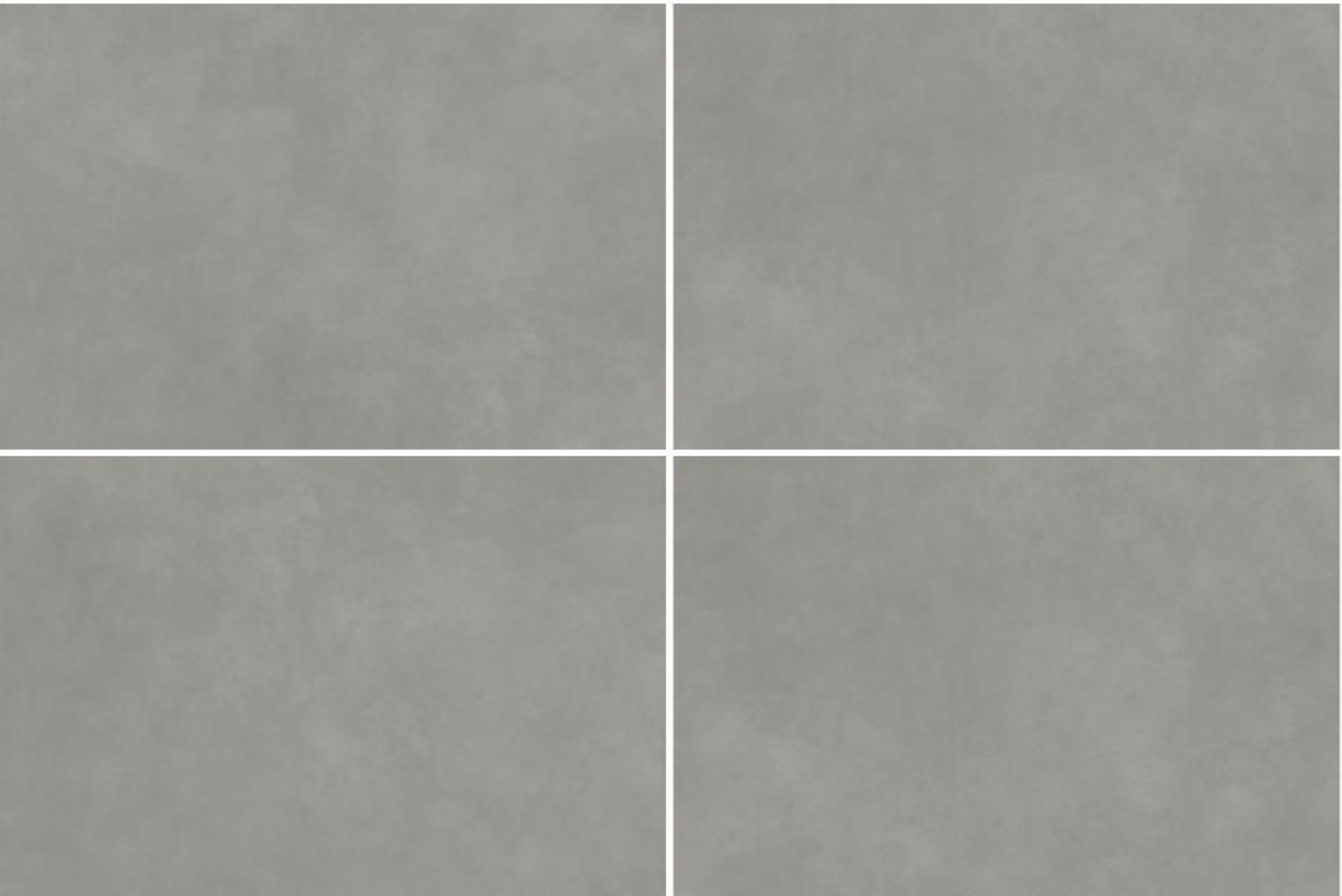
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VERA BEIGE



VERA BEIGE



Vera

Size

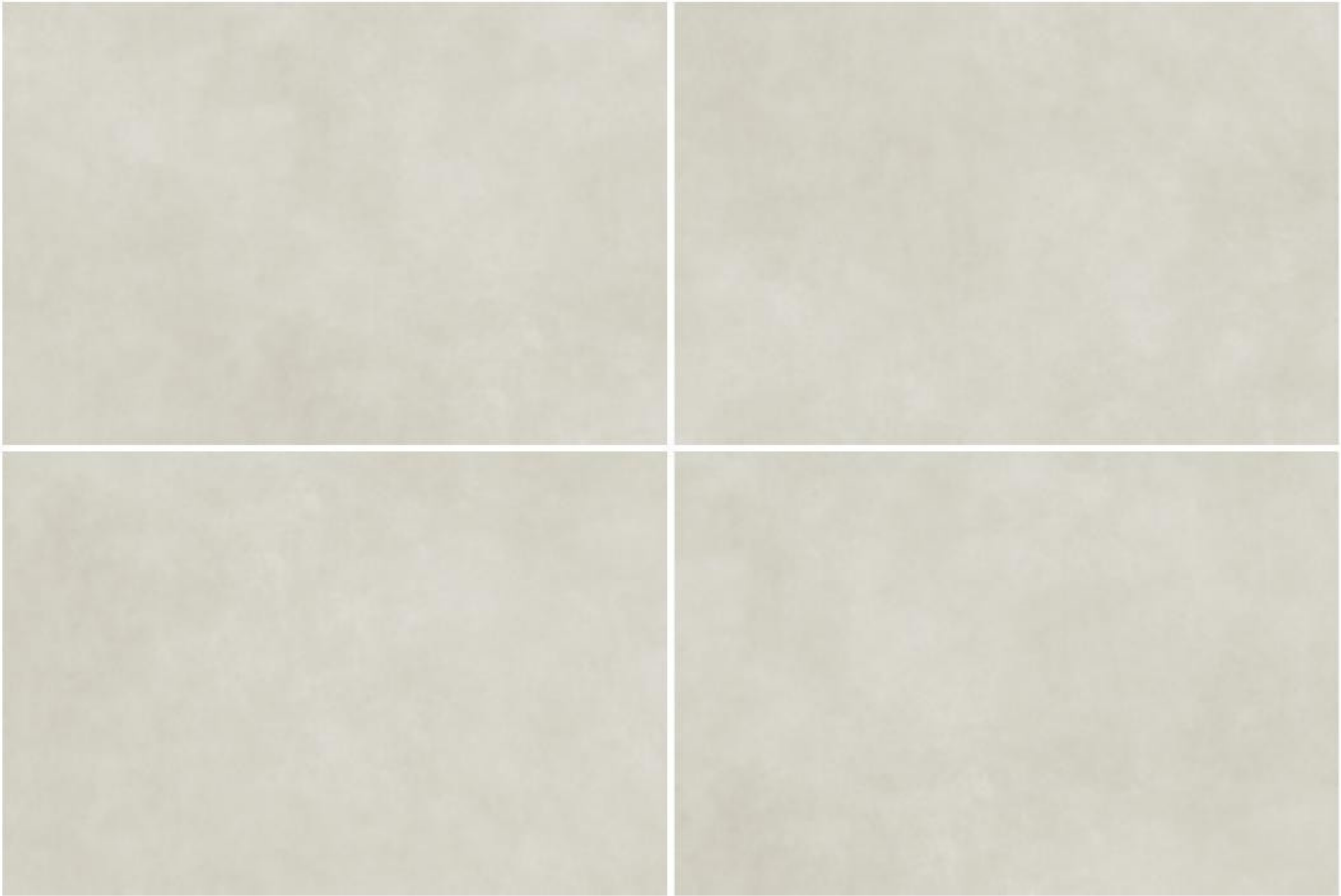
1200x1800mm

Surface

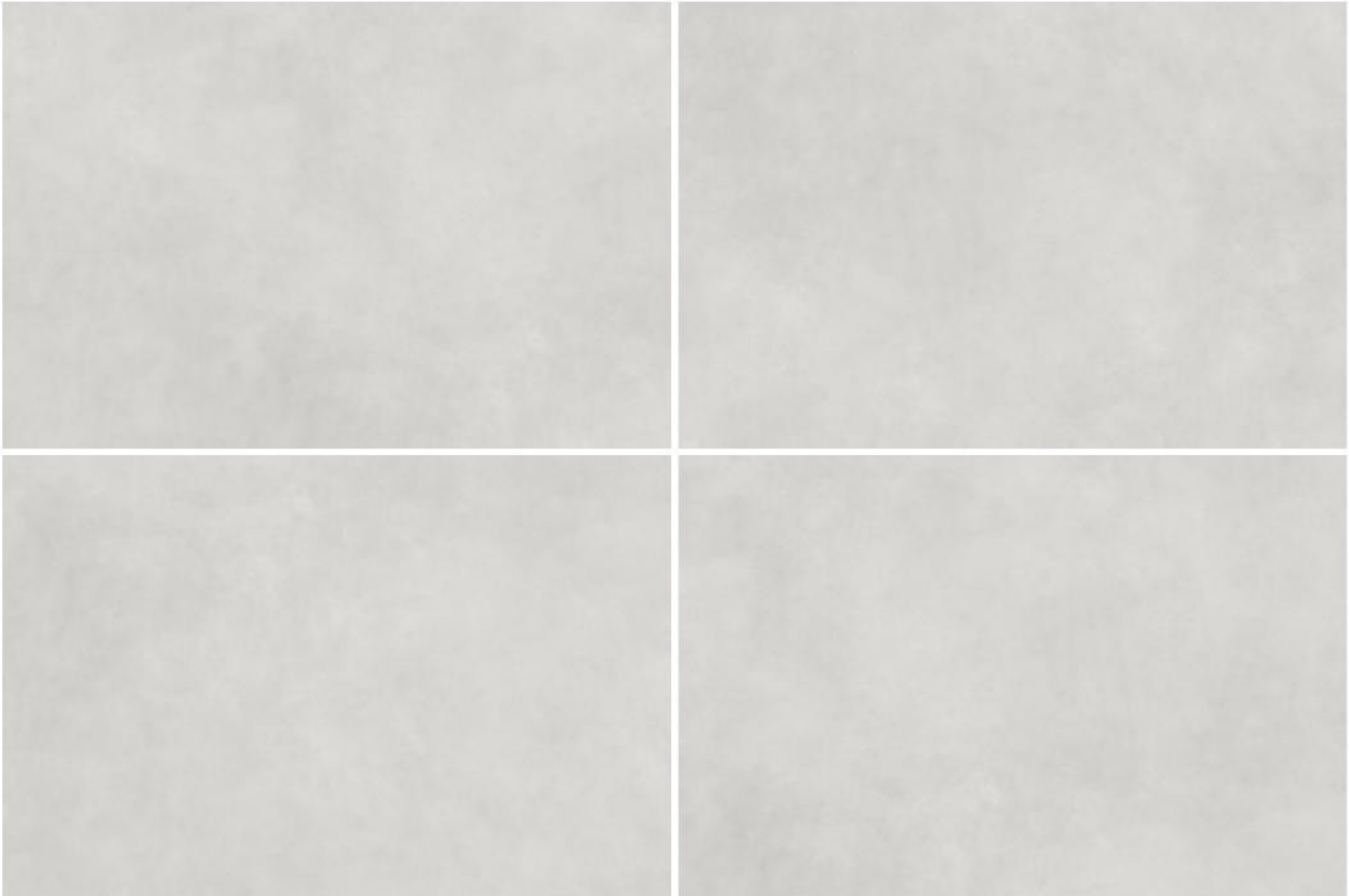
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VERA TAUPE



VERA TAUPE



Specification

SR.NO	PHYSICAL PROPERTIE	TEST METHOD	TEST REQUIREMENT	SIMOLA'S PORCELAIN SLAB PERFORMANCE	REMARKS
(1) DIMENSION AND SURFACE QUALITY					
1.1	Deviation in length (L) & width (W)				
	(a) The Deviation in percentage of the average size of each tile (2 or 4 sides) from the work size (w)	ISO10545-2	± 1MM	Avg + 0.20mm Avg -0.00mm	Complies
	(b) The deviation in percentage of the average siz of each tile (2 or 4 sides) from the average size of the 10 test specimen (20 or 40 side)"			Avg + 0.14mm Avg -0.00mm	
1.2	Thickness				
	The deviation in percent of the average thickness of each tile from the worksize thickness	ISO10545-2	± 1MM	Avg + 0.00mm Avg -0.15mm	Complies
1.3	Straightness of sides				
	The maximum deveiation from rectangularity in percent related to corresponding work size	ISO10545-2	± 0.8MM	Max + 0.14mm Max - 0.16mm	Complies
1.4	Rectangularity				
	The maximum deveiation from rectangularity in percent related to corresponding work size	ISO10545-2	± 0.8MM	Max + 0.16mm Max - 0.17mm	Complies
1.5	Surface flatness				
	(a) Centre curvature Centre curvature related to diagonal calculatedfrom the work size.	ISO10545-2	± 1.8 mm	Max + 0.12 mm Max - 0.00 mm	Complies
	(b) Edge curvature Edge Curvature related to the corresponding work size		± 2 mm	Max + 0.14 mm Max - 0.00 mm	
	(c) Warpage Warpage related to diagonal calculated from the work size.		± 1.8 mm	Max + 0.12 mm Max - 0.00 mm	
(2) PHYSICAL PROPERTIES					
2.1	Water absorption (%)				
	(a) 0.109 % (b) 0.111% (c) 0.118% (d) 0.105% (e) 0.108%	ISO10545-3	Require as per saso ISO 13006 ≤ 0.50%	Avg. 0.11%	Complies
			Individual maximum 0.60%		
2.2	Modulus of rupturree (MOR)				
	(a) 38.29 N/mm² (b) 39.43 N/mm² (c) 39.23 N/mm² (d) 37.57 N/mm² (e) 37.32 N/mm² (f) 42.46 N/mm² (g) 40.51 N/mm² (h) 39.37 N/mm²	ISO10545-4	Minimum 35 Individual maximum 32	Avg. 39.27 N/mm²	Complies
2.3	Breaking strength in (N)				
	(a) 1716.48 N (b) 1795.95 N (c) 1788.15 N (d) 1692.60 N (e) 1787.15 N (f) 1959.75 N (g) 1887.60 N (h) 1816.91 N	ISO10545-4	Require Thickness ≥ 7.5 mm Not less than 1300	Avg. 1805.57 N	Complies
2.4	Crazing resistance	ISO10545-11	No crazing in two cycle one hour duration at a steam pressure of 750±20Kpa 6 Nos of tiles ware subjected to autoclaving at a steam pressure of 750±20Kpa of saturated steam for two hour consisting of two cycle. None of the tiles show any sign of the crazing on the glaze surface and the lot pass the test	PASSED THE TEST	Complies

2.6	Co Efficient of linear thermal expantion				
	Expantion from ambient temperature to 100 C (K-1)	ISO10545-8	Require 9X10 ⁻⁶ Max	4.74X10 ⁻⁶	Complies
2.7	Resistance to surface abrasion	ISO10545-7	Visual failure was observed at 6000 revolution when the tiles ware subject- ed to abrasion stage of 150,600,750,1500,2100 upto 6000 revolution, 2100 revolu- tion pass.	2100 revolution pass	Class IV
2.8	Moisture expansion mm/m	ISO10545-10	0.02 mm/m max	No expansion	Complies
2.9	Scratch Hardness of surface (MOH's Scale)	ISO13630-13	5 Moh's scal	5 Moh's	Complies
2.10	Bulk Density	ISO10545-3	2.2MIN	2.2764g/cc	Complies
2.11	Impact Resistance	ISO10545-5	0.55 Min	0.57	Complies
(3) CHEMICAL PROPERTIES					
3.1	"House hold chemical resistance Ammonium chlorine solution 100 G/L"	ISO10545-13	Min Class-GC	Class GA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
3.2	"Swimming Pool Salt Sodium hypochlorite solution, 20 mg/L"	ISO10545-13	Min Class-GC	Class GA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
3.3	Acid & alkalies				
3.3 (A)	Low concentration (L)				
	(a) Hydrochloric acid solution 3% (V/V)	ISO10545-13	Min Class-GLC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
	(b) Citric acid soln. 100gm/l	ISO10545-13	Min Class-GLC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
	(c) Potassium Hydroxide soln 30 gm/l	ISO10545-13	Min Class-GLC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
3.3 (B)	High concentration (H)				
	(a) Hydrochloric acid solution 18% (V/V)	ISO10545-13	Min Class-GHC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
	(b) Lactic Acid Soln. 5% (V/V)	ISO10545-13	Min Class-GHC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
	(c) Potassuim Hydroxide Soln. 200gm/l (V/V)	ISO10545-13	Min Class-GHC	Class GLA	No visual changes observed after impression for 24 hours pencil lines removed with wet wiping removed
3.4	Resistance to satin	Stain put on tiles up to 24 hrs			
	Red past in light oil (Fe2O3)	Stain removed by hot water	Min Class - 3	Class -5	Complies
	Loding in alcohol 13g/l	Stain removed by hot weak cleaning agent	Min Class - 3	Class -4	
	Olive oil	Stain removed by hot water	Min Class - 3	Class -5	
3.5	Lead and cadium release in mg/dm²				
	Lead releases Test Solution Acietic acid solution 4% (V/V) (In 960 ml distilled water	Digestion time -24 hrs (20±2") Detect- ed by ED XRF	0.1 mg/dm²	0.00 mg/dm²	Complies
	Cadmium Release Test Solution Acietic acid solution 4% (V/V) (In 960 ml distilled water	Digestion time -24 hrs (20±2") Detect- ed by ED XRF	0.1 mg/dm²	0.00 mg/dm²	Complies



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