



600x1200mm

**EL REFERENTE**  
DEFINITIVO  
EN SUPERFICIES  
**CERÁMICAS**



La Cerámica Que  
**Define Tu Espacio**



**600x  
1200  
mm**





## ELEVA TU HOGAR CON CADA BALDOSA

Uno de los pilares fundamentales de nuestra visión es la búsqueda constante de la excelencia, tanto en los procesos como en el producto, con el objetivo de ofrecer baldosas cerámicas de la más alta calidad a clientes y diseñadores. Para ello utilizamos las tecnologías más avanzadas en instalaciones totalmente automatizadas y digitalizadas, combinando un alto rendimiento productivo con el respeto por el medio ambiente y la seguridad de los trabajadores.

Los nuevos estilos de vida demandan nuevos productos. Prioridades renovadas, como el cuidado del entorno dentro y fuera de los hogares, oficinas y edificios públicos, impulsan la actualización de los modelos de uso de los materiales.





ELEVA LOS INSERTOS  
CERÁMICOS CON UNA  
RIQUEZA EXCEPCIONAL DE  
COLORES Y MaticES.

## BENEFICIOS

-  LIGEREZA
-  IMPERMEABLE
-  RESISTENCIA A RAYADURAS
-  RECICLADO
-  GRAN FORMATO
-  100% NATURAL
-  RESISTENCIA A LOS RAYOS UV
-  RESISTENCIA A IMPACTOS
-  HIGIÉNICO
-  RESISTENCIA A BAJAS TEMPERATURAS
-  RESISTENCIA A ALTAS TEMPERATURAS
-  RESISTENCIA A MANCHAS



## VENTAJAS & CARACTERÍSTICAS

### Naturaleza, tecnología, ciencia y diseño.

Superficies cerámicas de máxima calidad, compactas e impermeables, fabricadas a partir de minerales puros prensados y sinterizados a más de 1200 °C.

La mejor elección en **durabilidad, seguridad, higiene y belleza.**



#### Tamaño versátil

Disponible en gran formato, la colección ofrece una solución de revestimiento perfecta para crear interiores continuos y sin interrupciones visuales.



#### Seguro y resistente

No porosas, higiénicas y protegidas contra manchas y rayaduras, las piezas de esta colección también son resistentes al hielo y a los choques térmicos.



#### Variedad de diseños

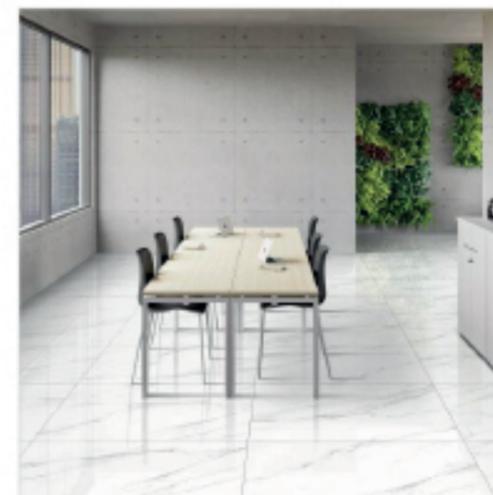
Disponible en una amplia gama de patrones, la colección ofrece versatilidad para todo tipo de espacios y preferencias estéticas.



#### Más sostenible

La colección está fabricada con un material excepcionalmente duradero y reciclable, aportando un valor añadido gracias a su enfoque ecológico y respetuoso con el medio ambiente.

## APLICACIONES POSIBLES

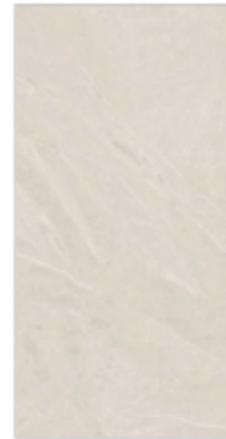




Alcora Gris



Alcora White



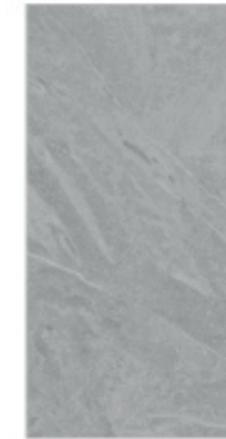
Ardesia Beige



Ardesia Bianco



Ardesia Crema



Ardesia Grafite



Bernini Beige



Bernini Crema



Bistro Natural



Cassini Carrara



Celo Beige



Celo Brown



Concrete Beige



Concrete Bianco



Concrete Crema



Concrete Nero



Cronom Grey



Cronom Pearl



Davinci Copper



Davinci Grigio



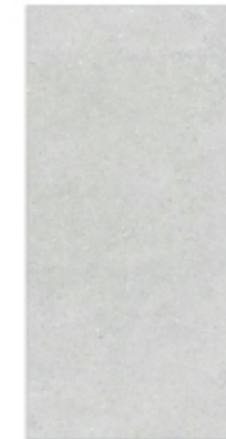
Elite Coffee



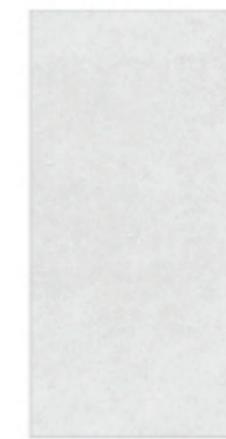
Elite Crema



Elite Dark



Elite Grey



Elite Smoke



Elvine Light



Elvine Nero



Geostone Brown



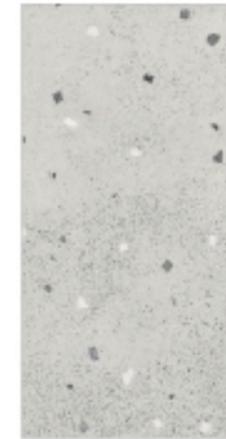
Geostone Grigio



Giallo Grey



Giallo Gris



Glint Fresco  
Terrazzo



Globus Dark



Globus Grey



Granite Silver



Granite White



Hamiltone Crema



Hamiltone Grey



Henzil Coffee



Henzil Crema



Henzil Grey



Henzil Nero

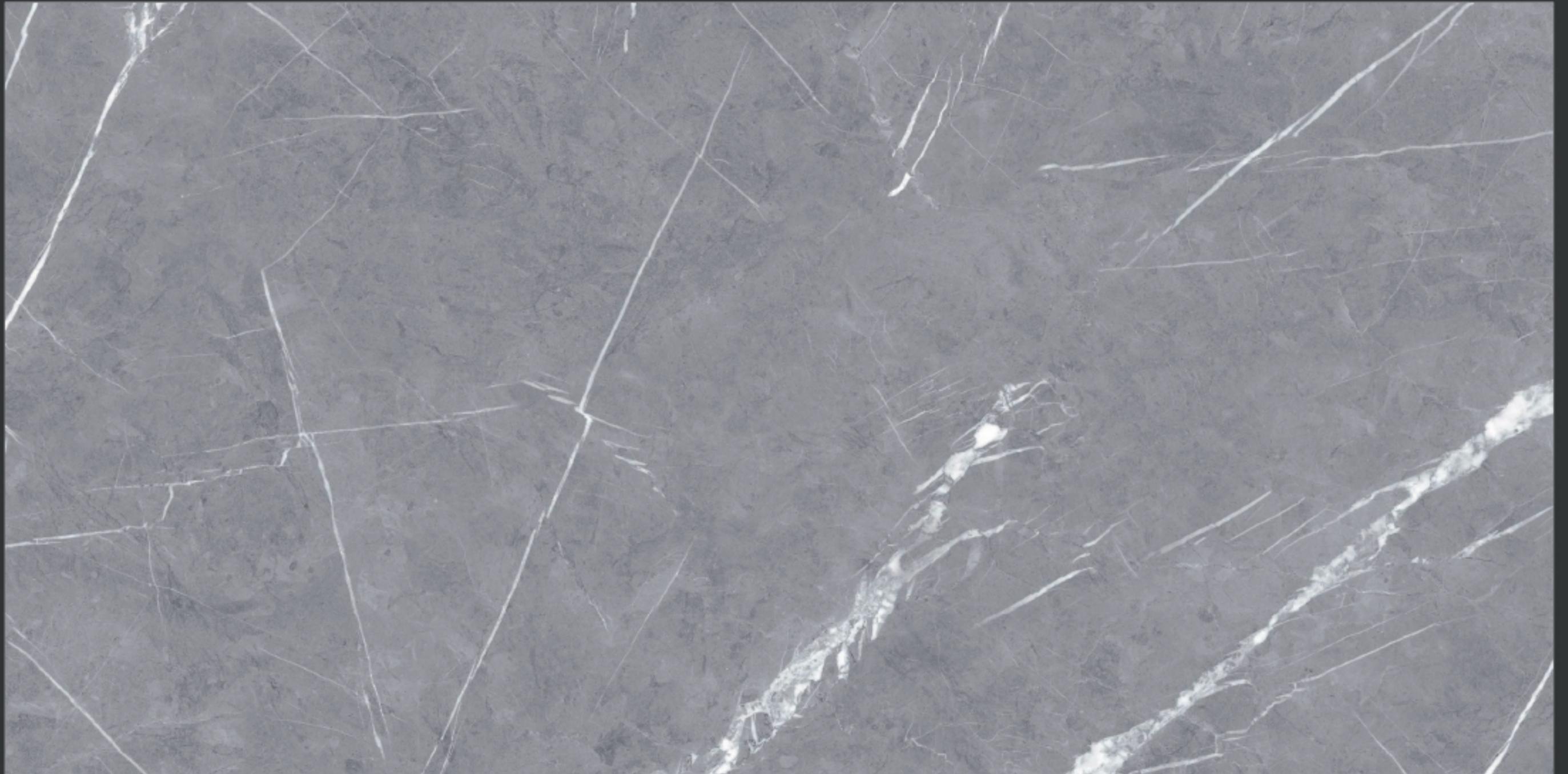
ALCORA  
GRIS

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ALCORA  
GRIS

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**ALCORA GRIS**

ALCORA  
WHITE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ALCORA  
WHITE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ARDESIA  
BEIGE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ARDESIA  
**BEIGE**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**ARDESIA BEIGE**

ARDESIA  
BIANCO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ARDESIA  
BIANCO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ARDESIA  
CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



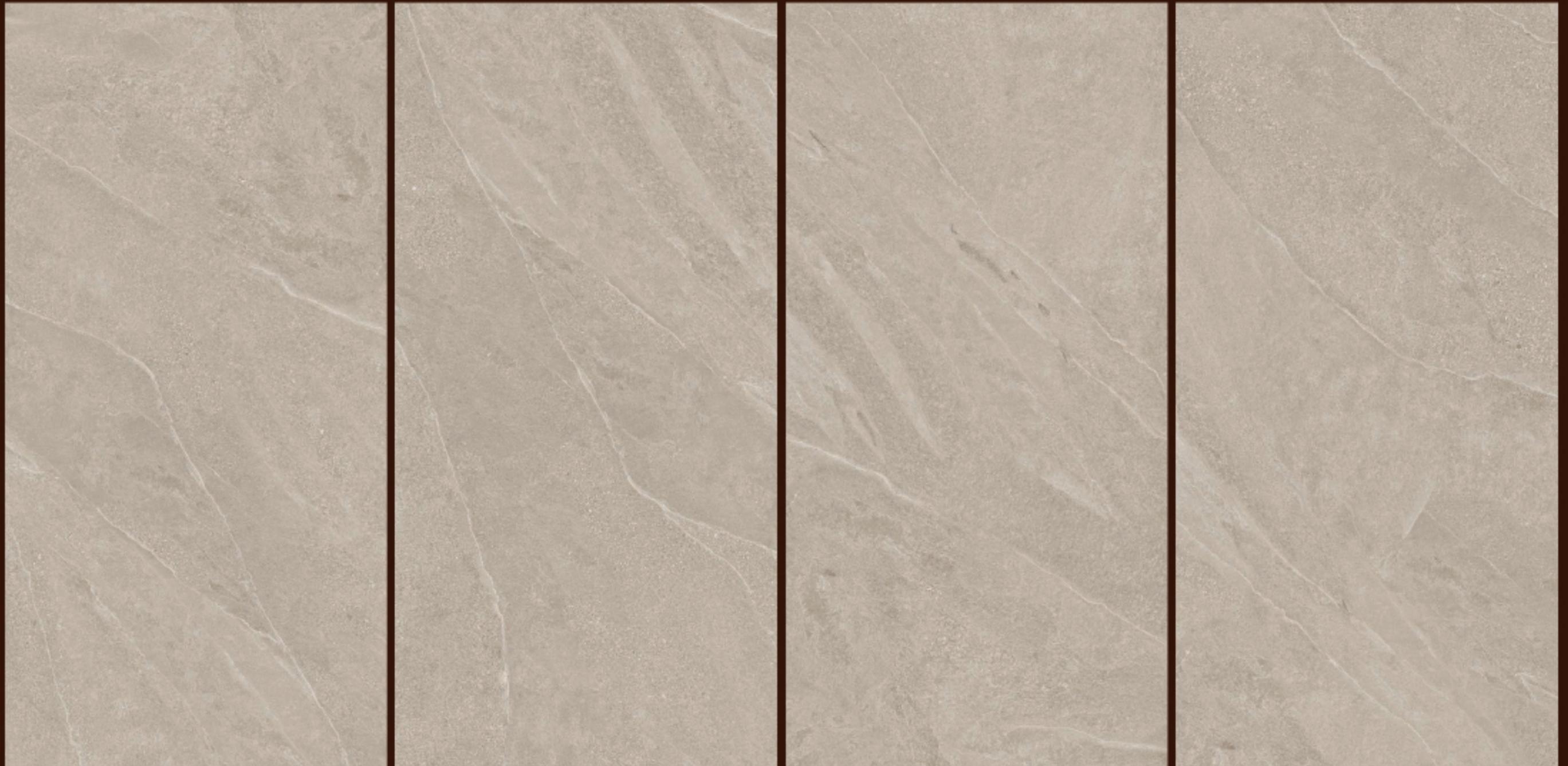
ARDESIA  
CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ARDESIA  
**GRAFITE**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ARDESIA  
**GRAFITE**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



**BERNINI**  
**BEIGE**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



BERNINI  
BEIGE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



**BERNINI  
CREMA**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



BERNINI  
CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**BERNINI CREMA**

BISTRO  
NATURAL

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# BISTRO NATURAL

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**BISTRO NATURAL**

CASSINI  
CARRARA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CASSINI  
CARRARA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



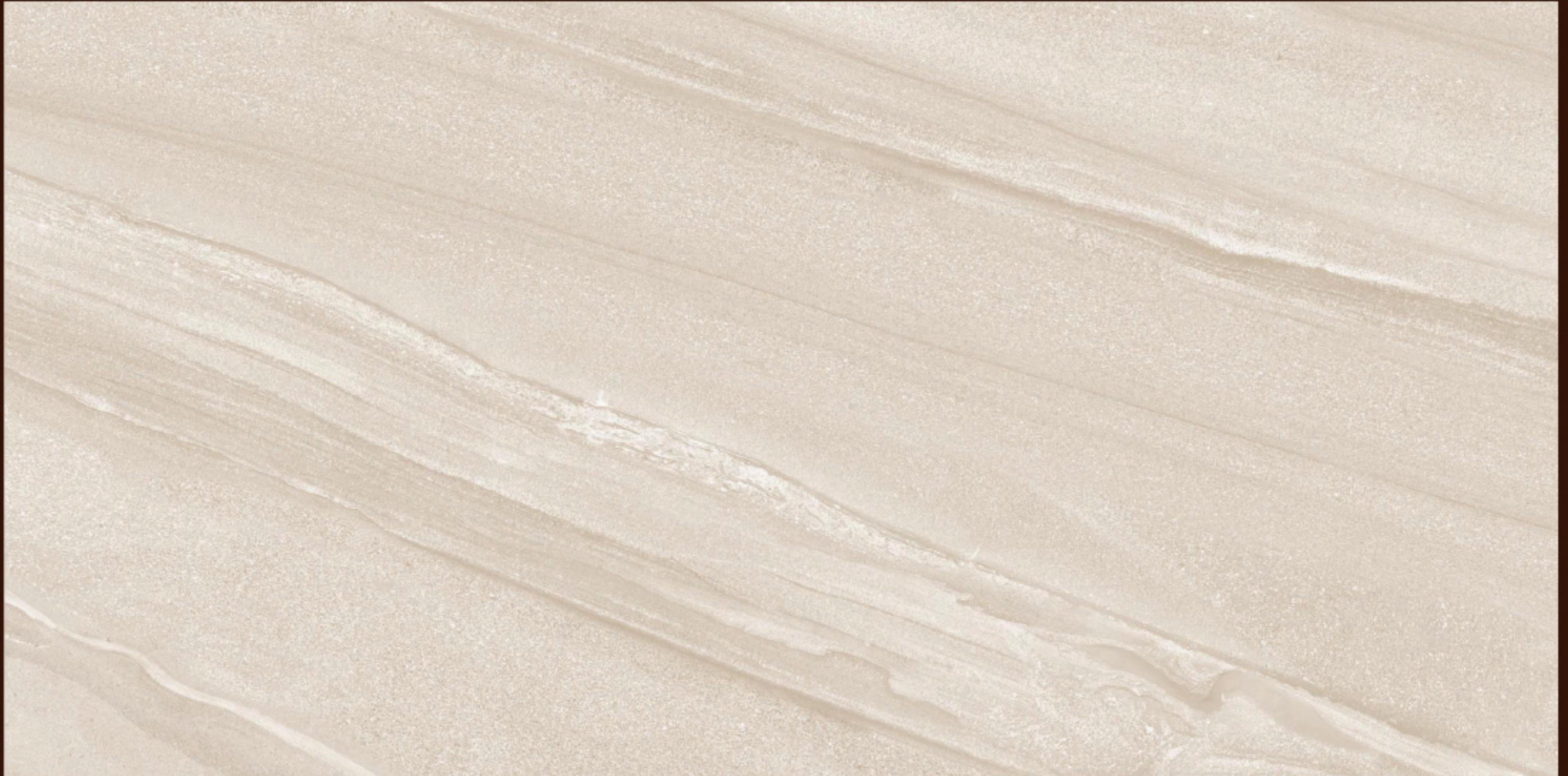
CELO  
BEIGE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CELO  
BEIGE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



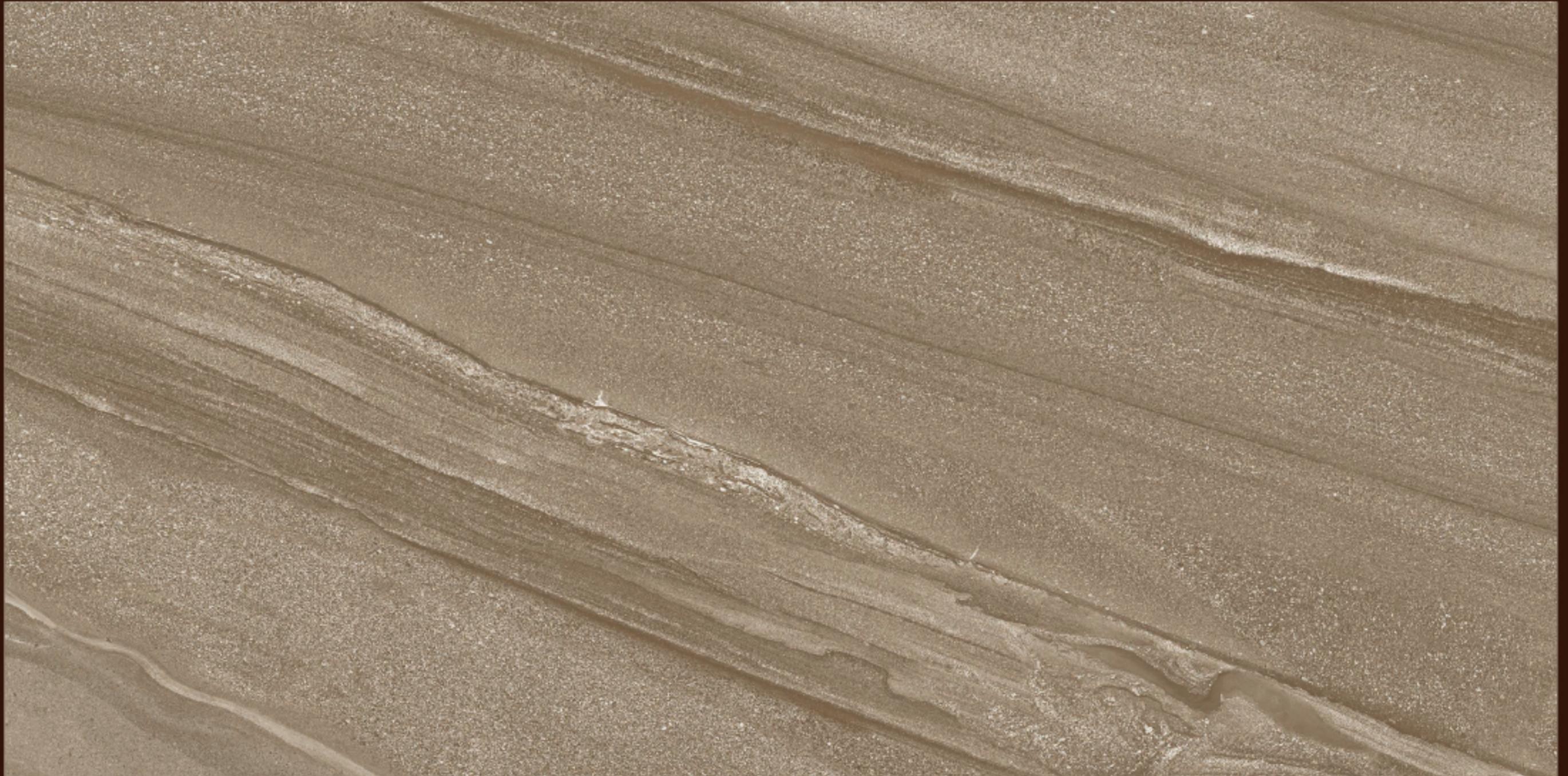
CELO  
BROWN

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CELO  
BROWN

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CONCRETE  
**BEIGE**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CONCRETE  
BEIGE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**CONCRETE BEIGE**

CONCRETE  
**BIANCO**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CONCRETE  
BIANCO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CONCRETE  
**CREMA**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# CONCRETE CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**CONCRETE CREMA**

CONCRETE  
**NERO**

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# CONCRETE NERO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CRONOM  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CRONOM  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CRONOM  
PEARL

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



CRONOM  
PEARL

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**CRONOM PEARL**

# DAVINCI COPPER

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



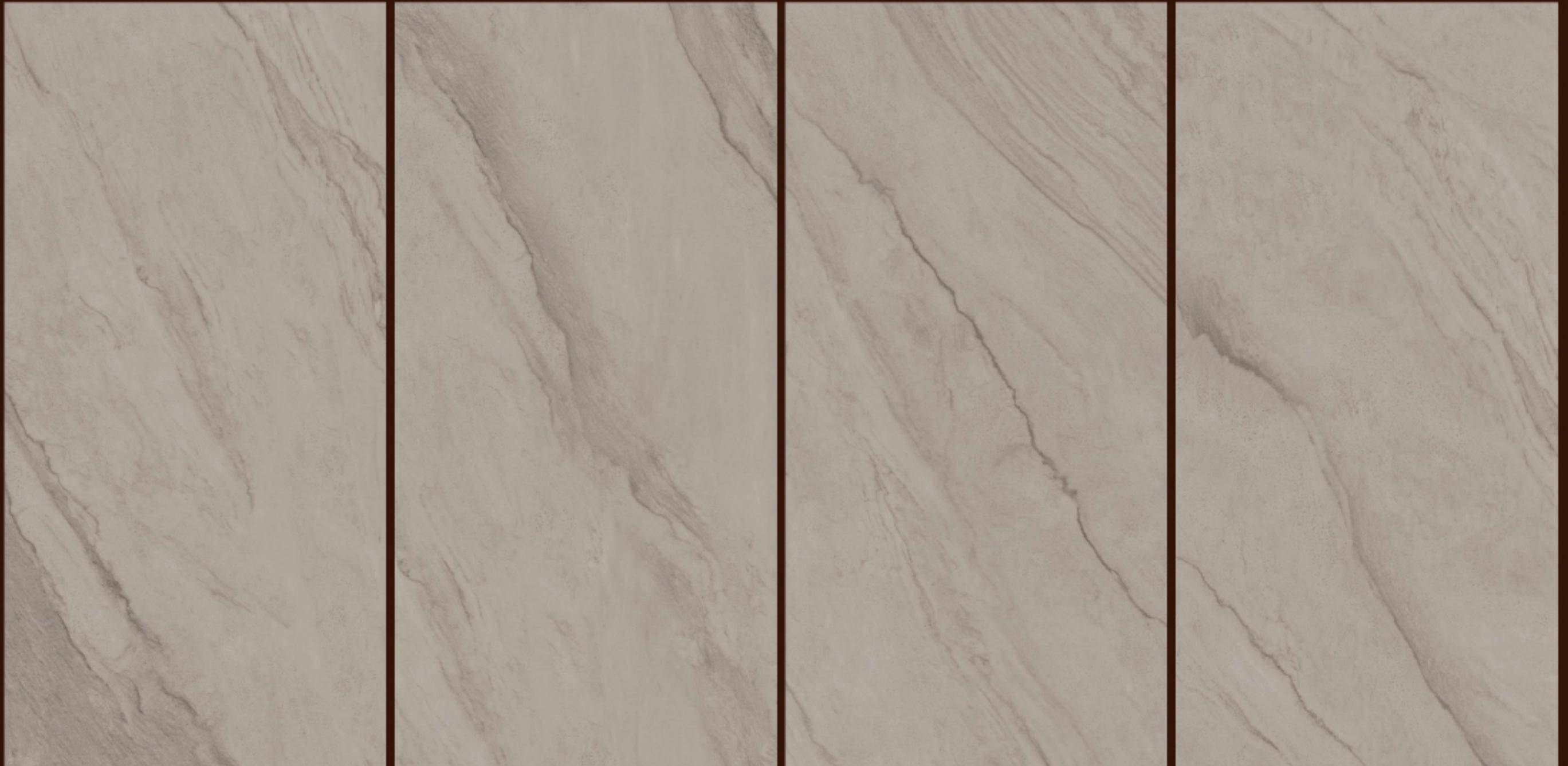
# DAVINCI COPPER

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**DAVINCI COPPER**

DAVINCI  
GRIGIO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



DAVINCI  
GRIGIO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ELITE  
COFFEE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ELITE  
COFFEE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**ELITE COFFEE**

ELITE  
CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



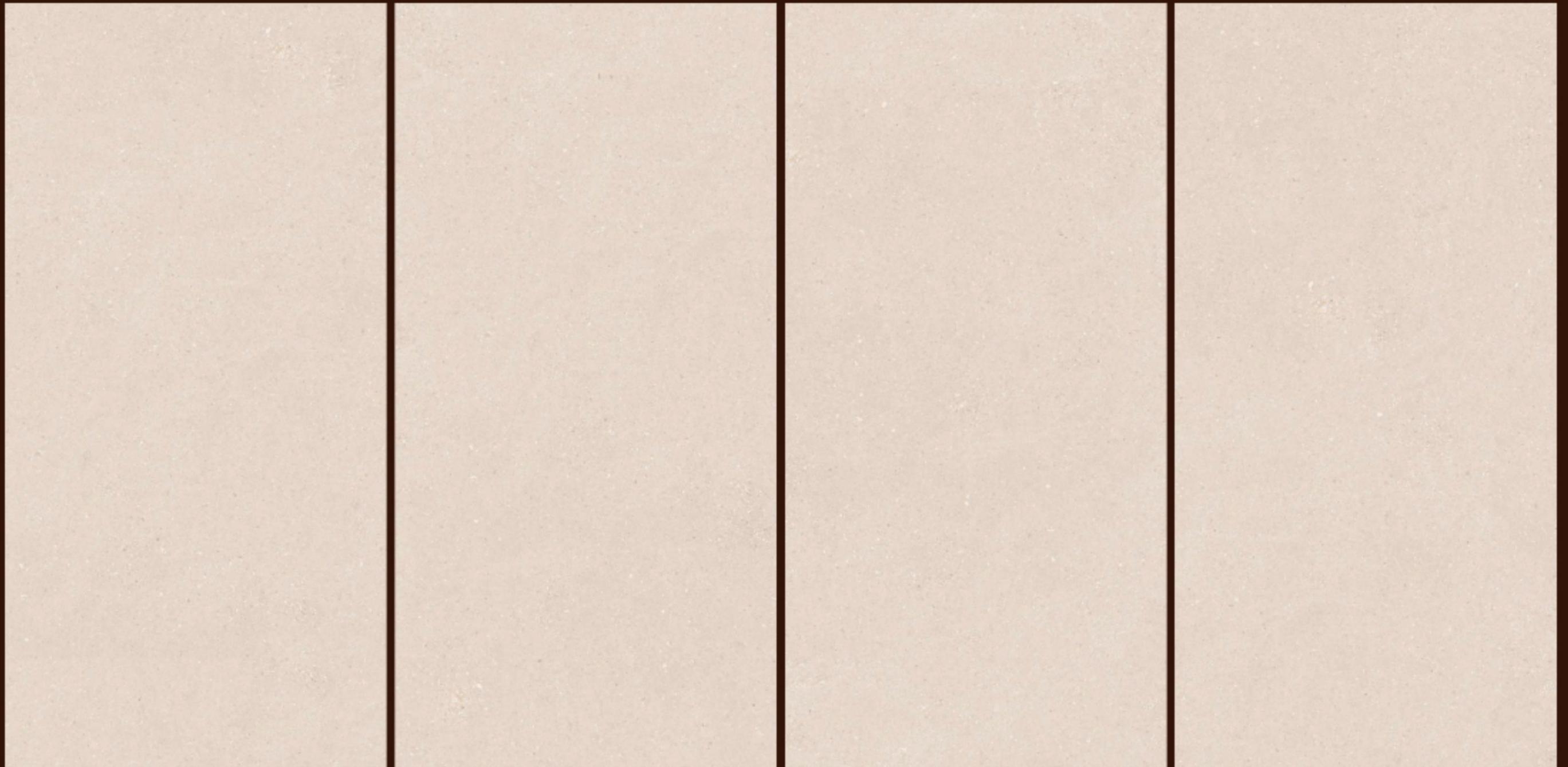
ELITE  
CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



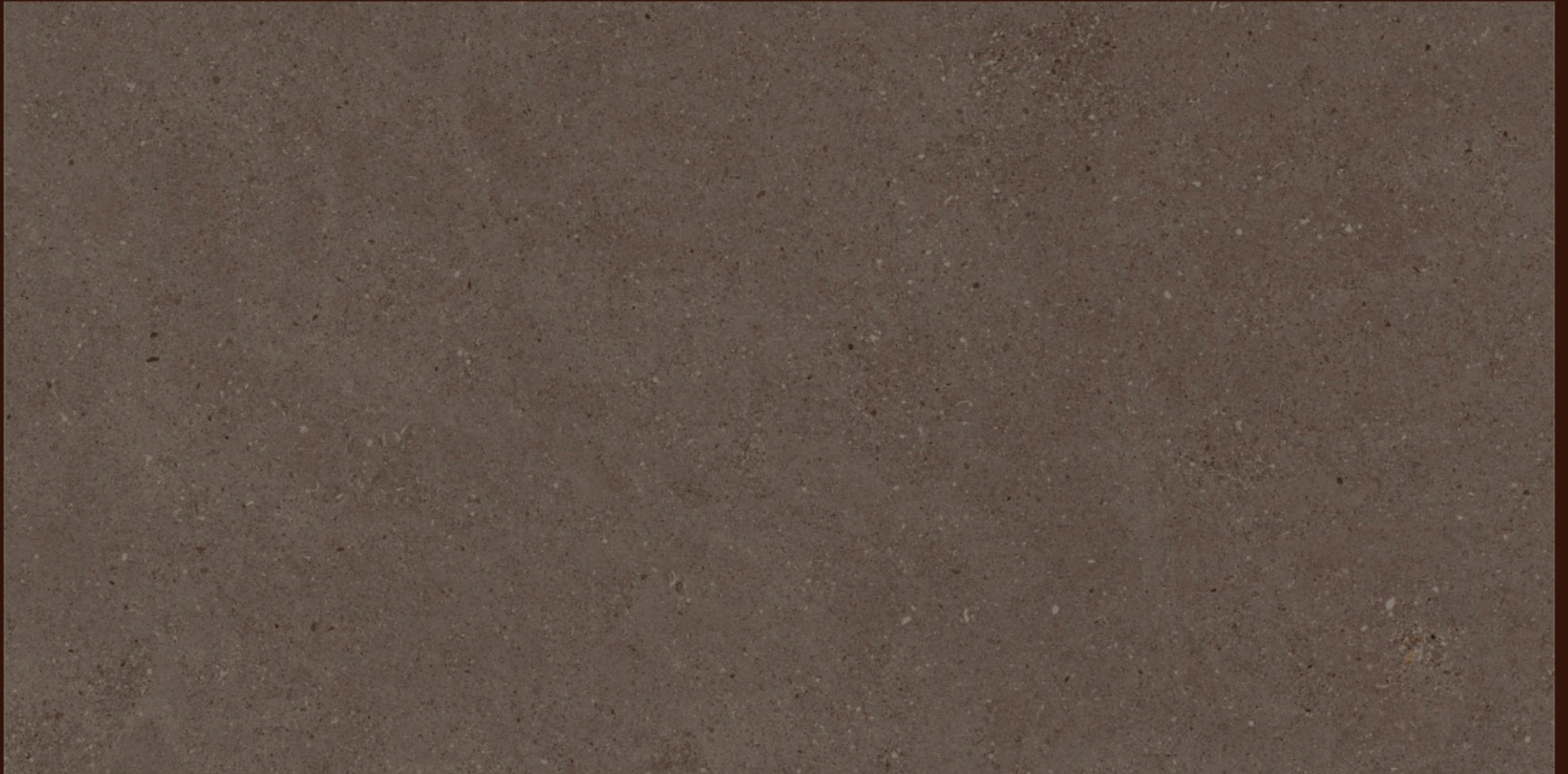
ELITE  
DARK

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ELITE  
DARK

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ELITE  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



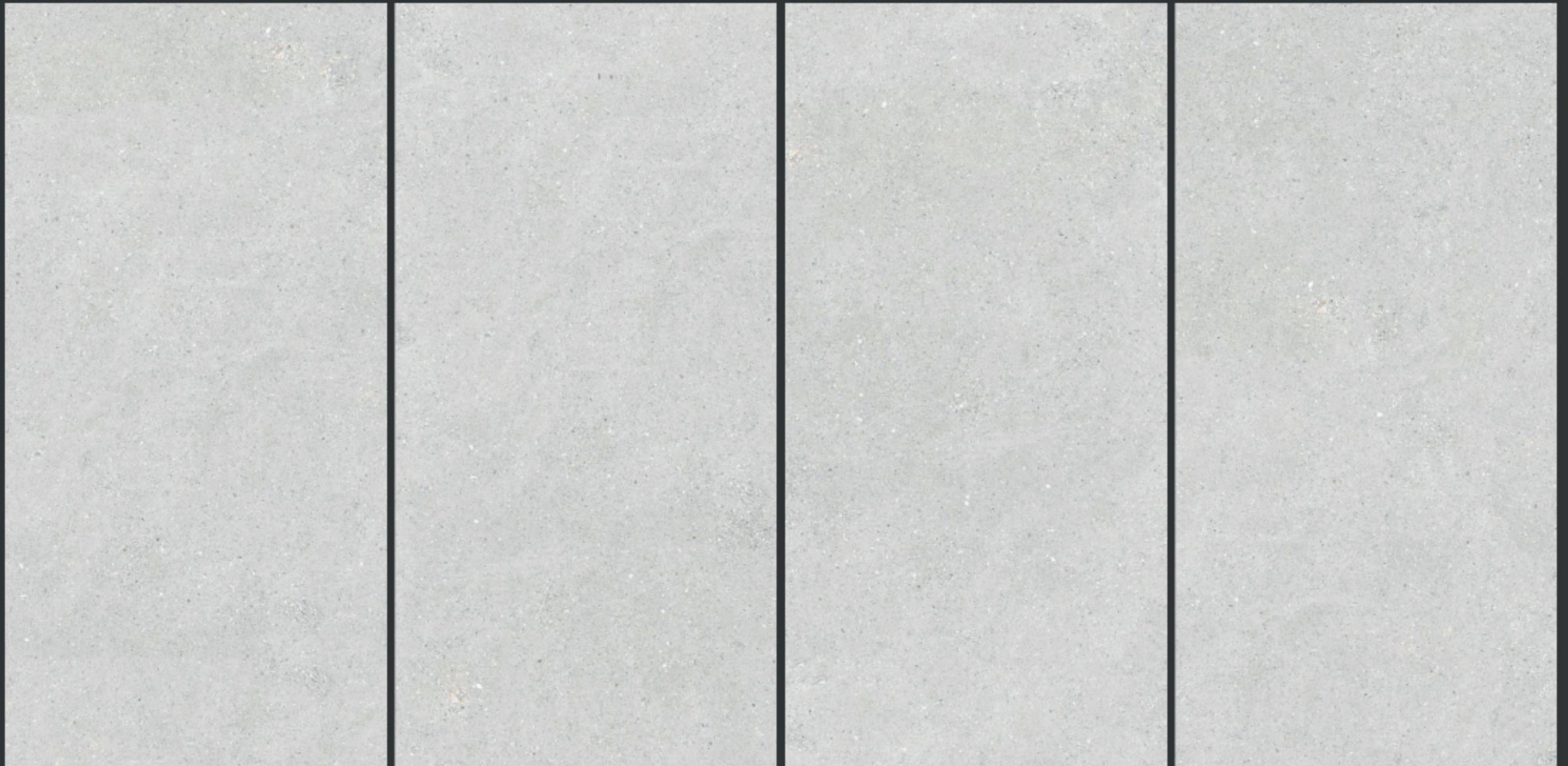
ELITE  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ELITE  
SMOKE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



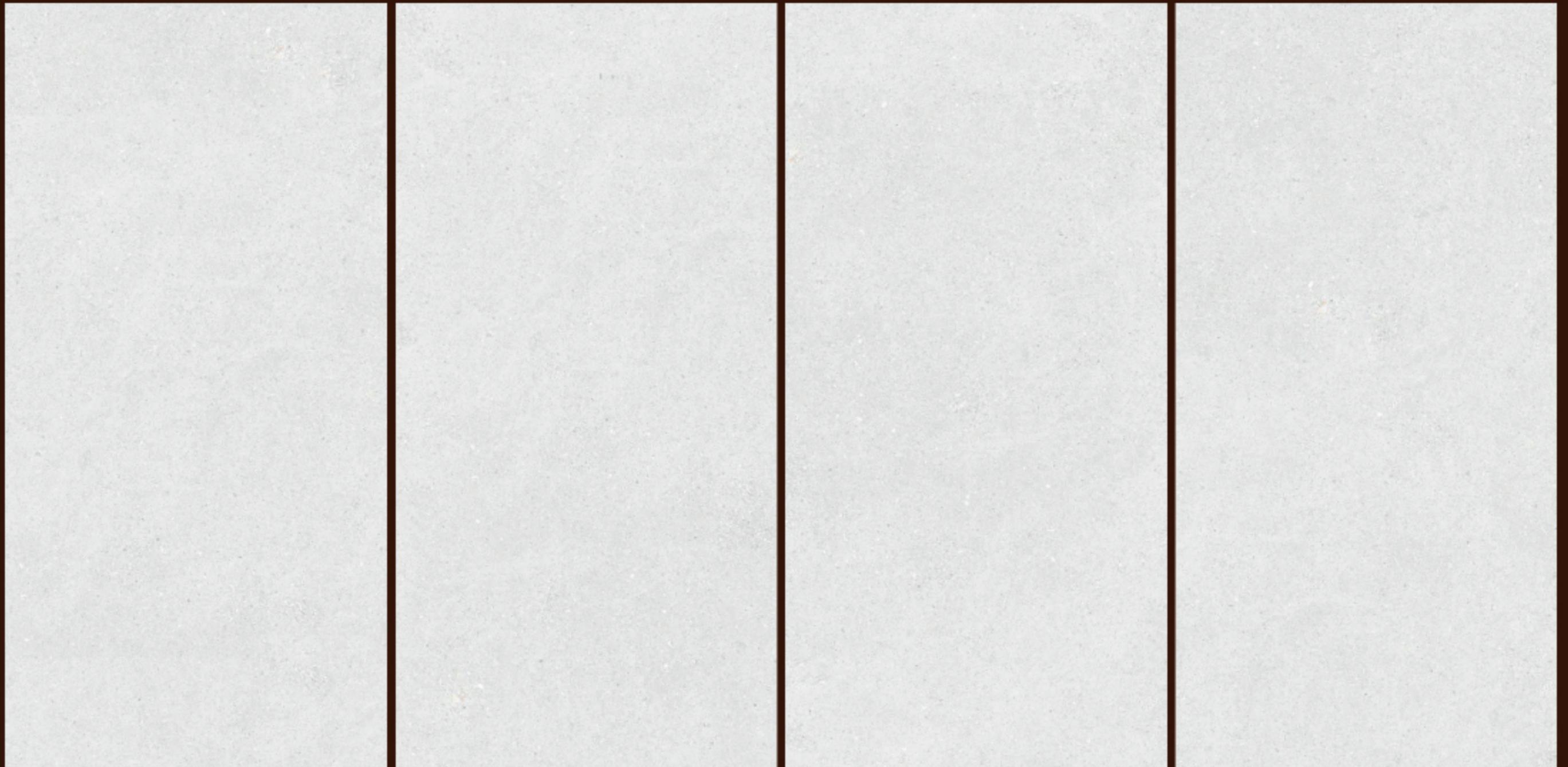
ELITE  
SMOKE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ELVINE  
LIGHT

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# ELVINE LIGHT

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**ELVINE LIGHT**

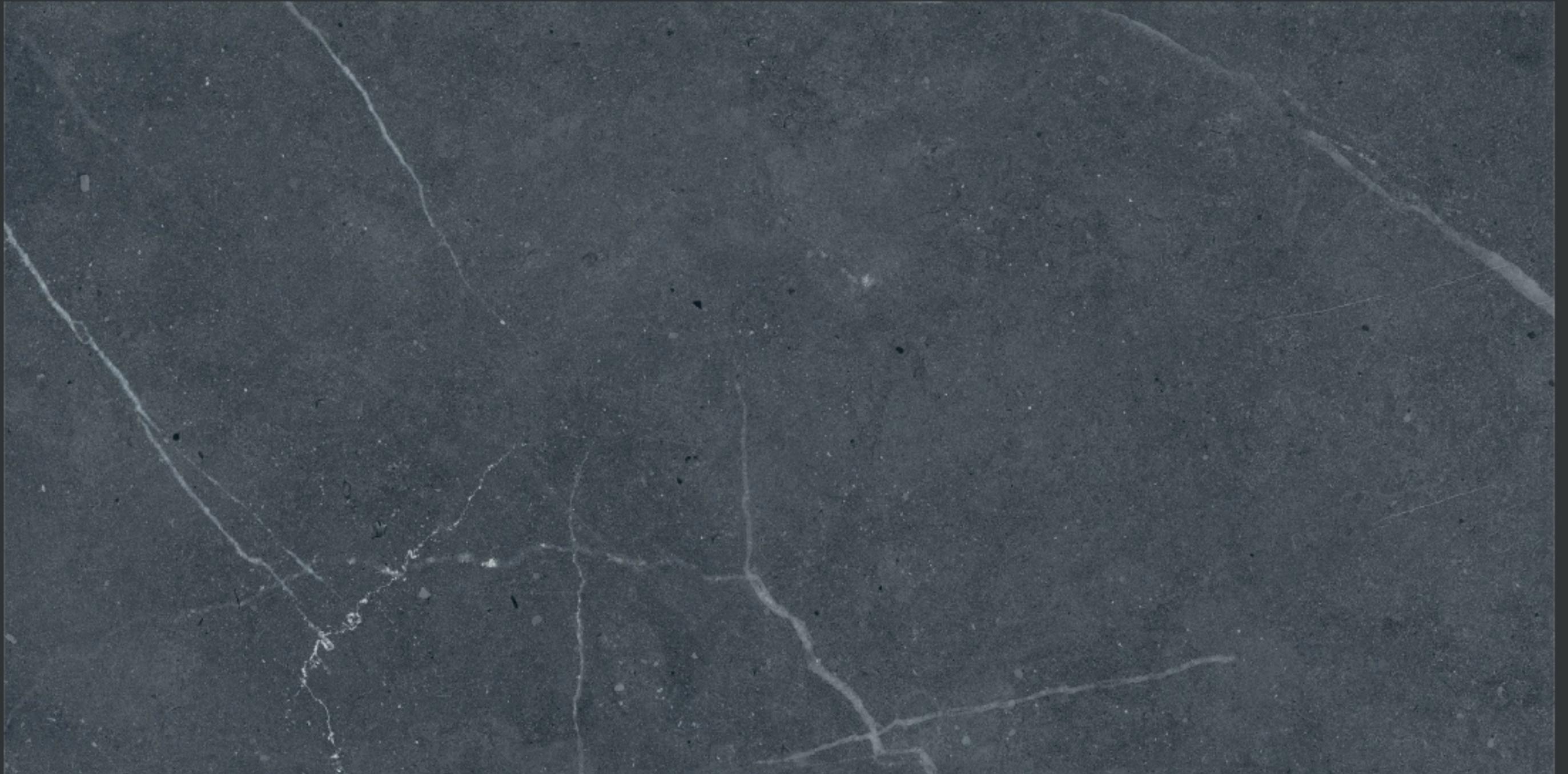
ELVINE  
NERO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



ELVINE  
NERO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



GEOSTONE  
BROWN

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# GEOSTONE BROWN

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**GEOSTONE BROWN**

GEOSTONE  
GRIGIO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# GEOSTONE GRIGIO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



GIALLO  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



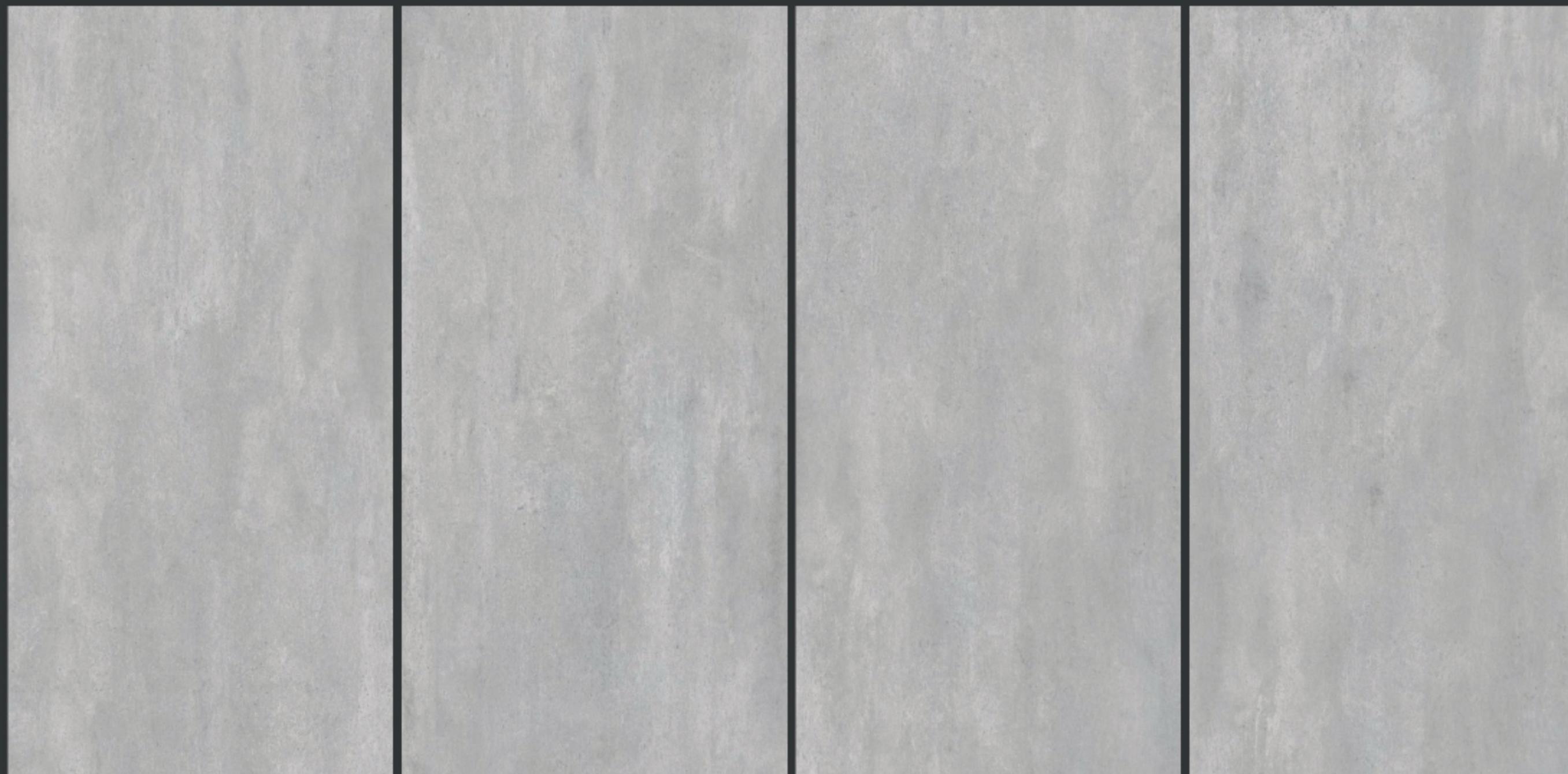
GIALLO  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



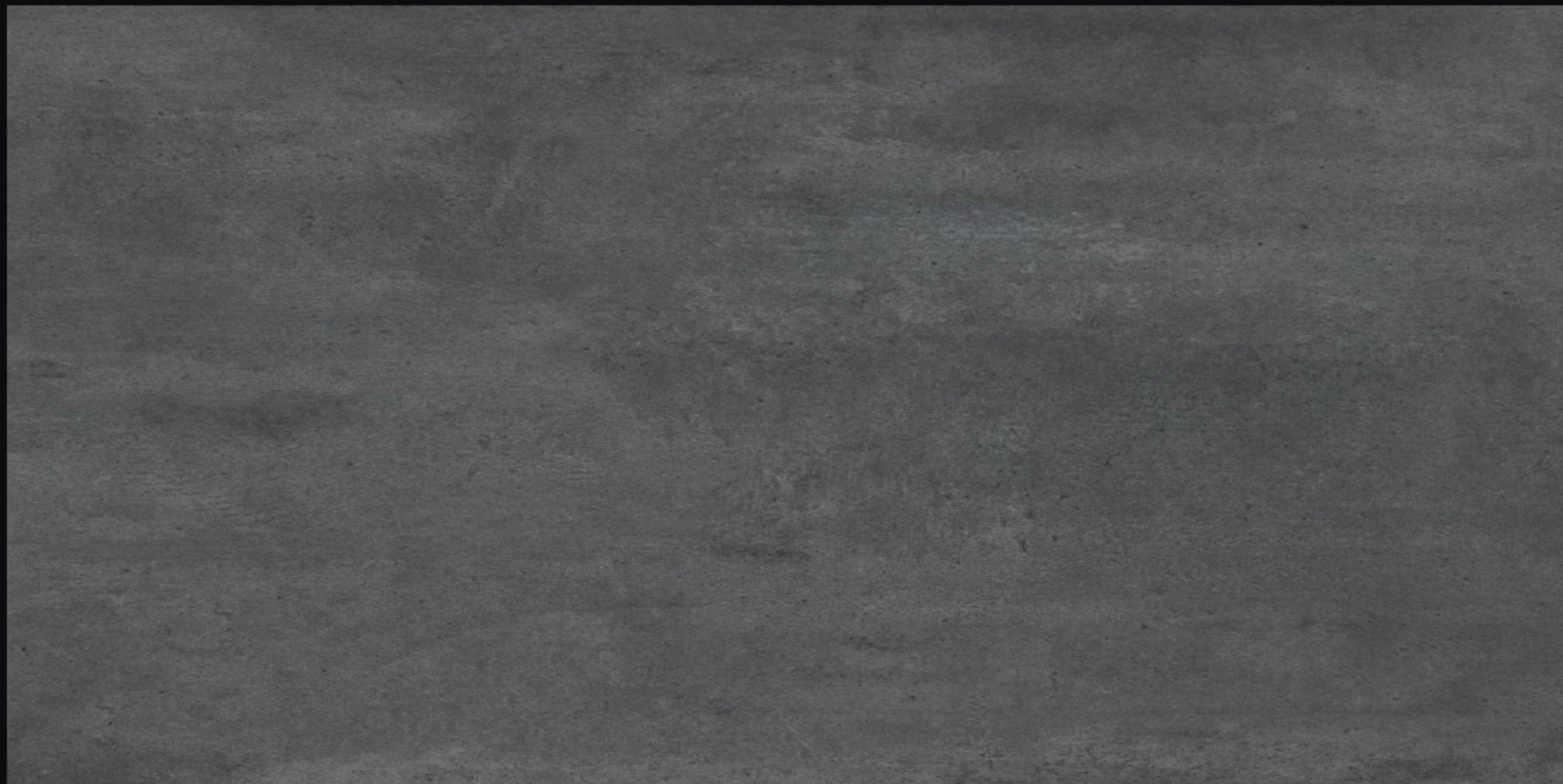
GIALLO  
GRIS

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



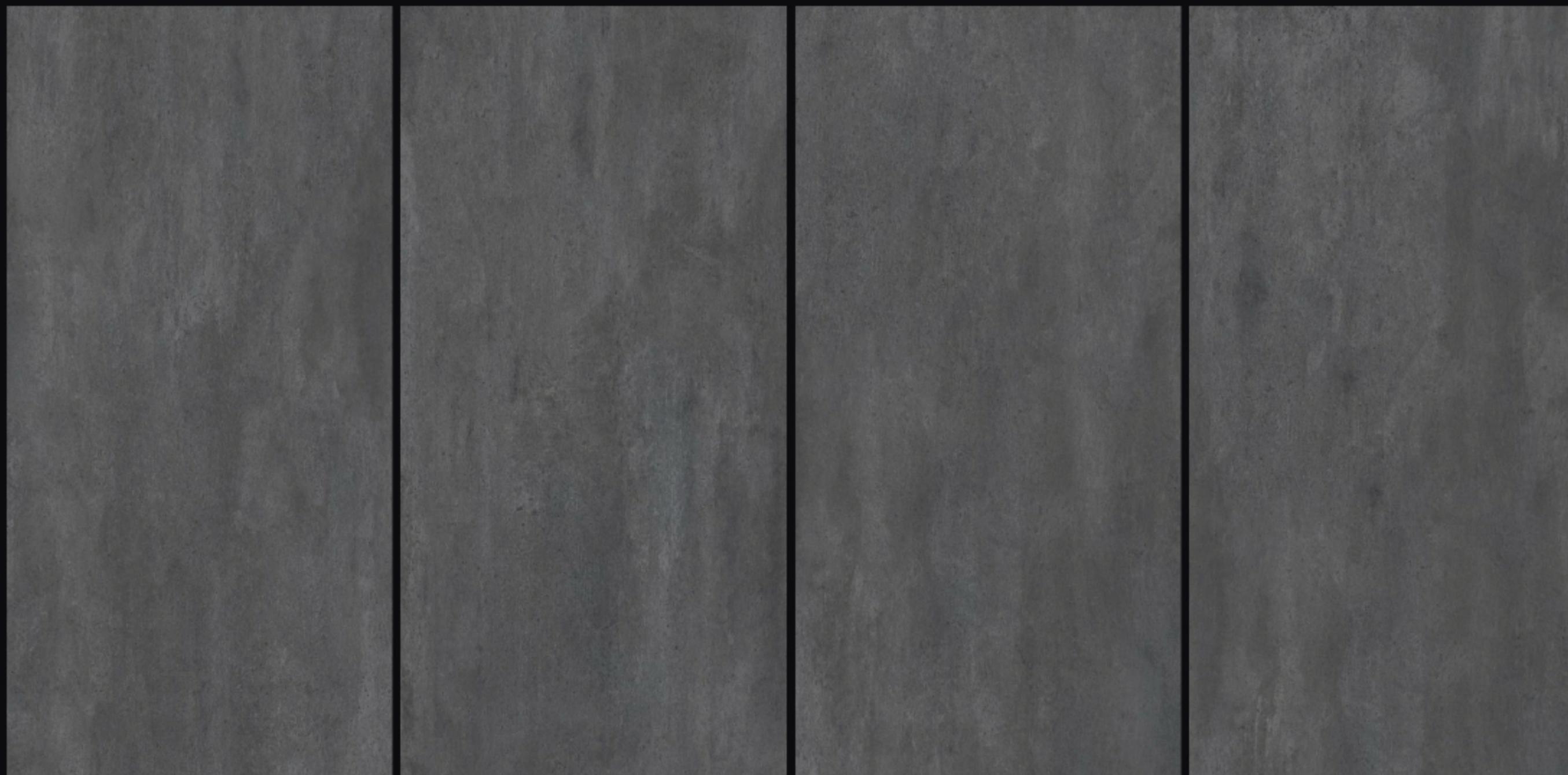
GIALLO  
GRIS

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# GLINT FRESCO TERRAZZO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



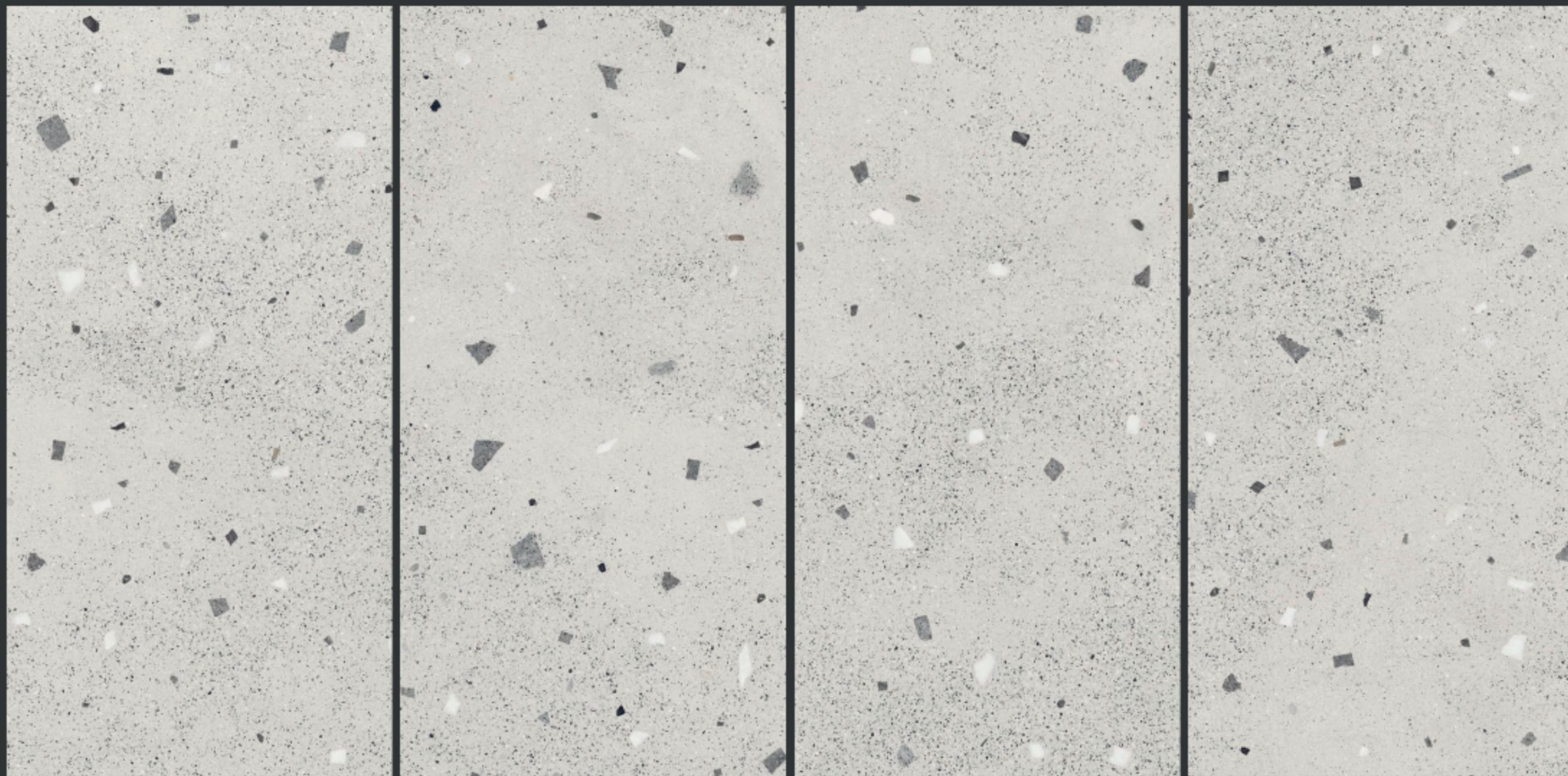
# GLINT FRESCO TERRAZZO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**GLINT FRESCO TERRAZZO**

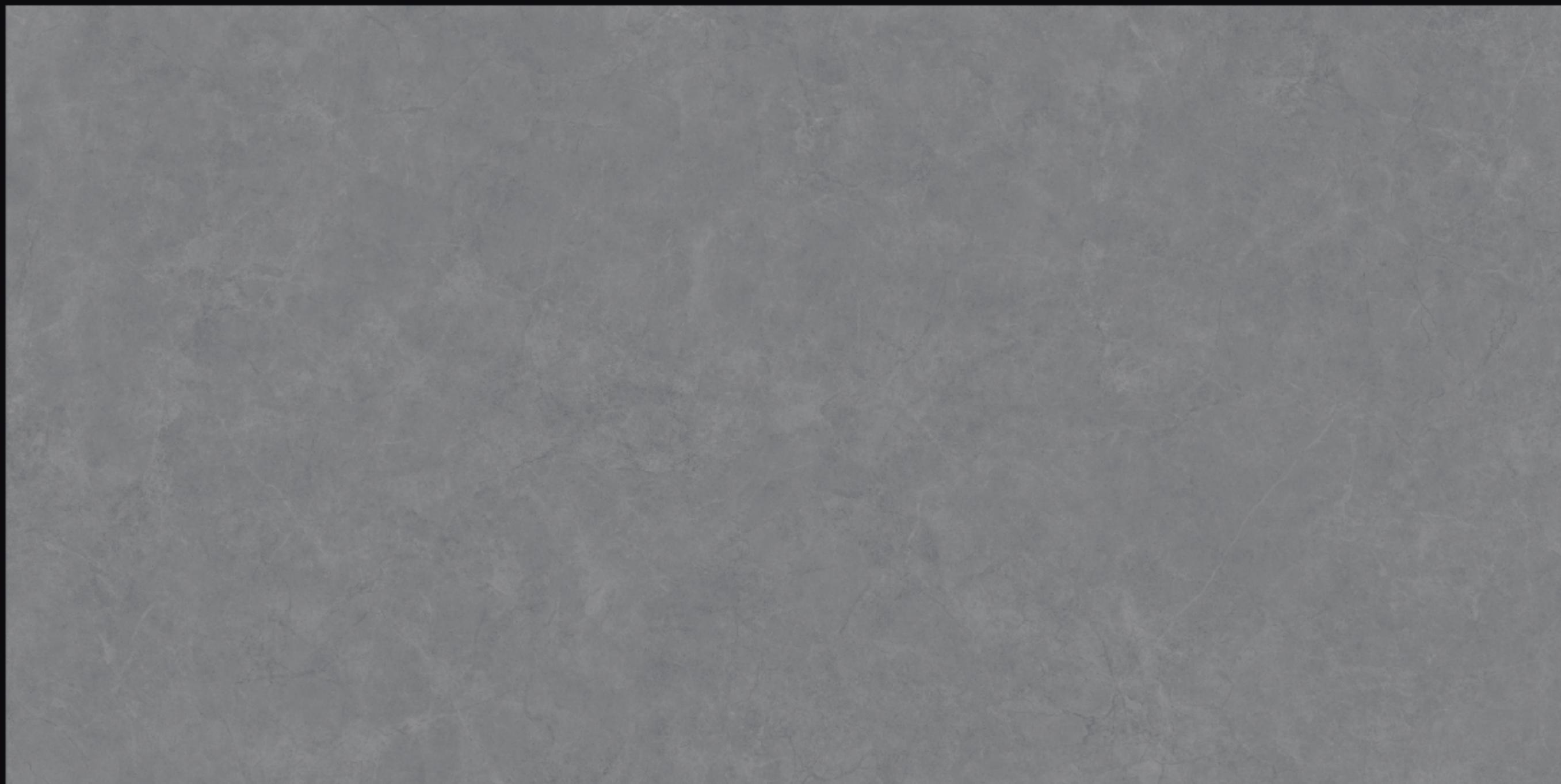
GLOBUS  
DARK

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



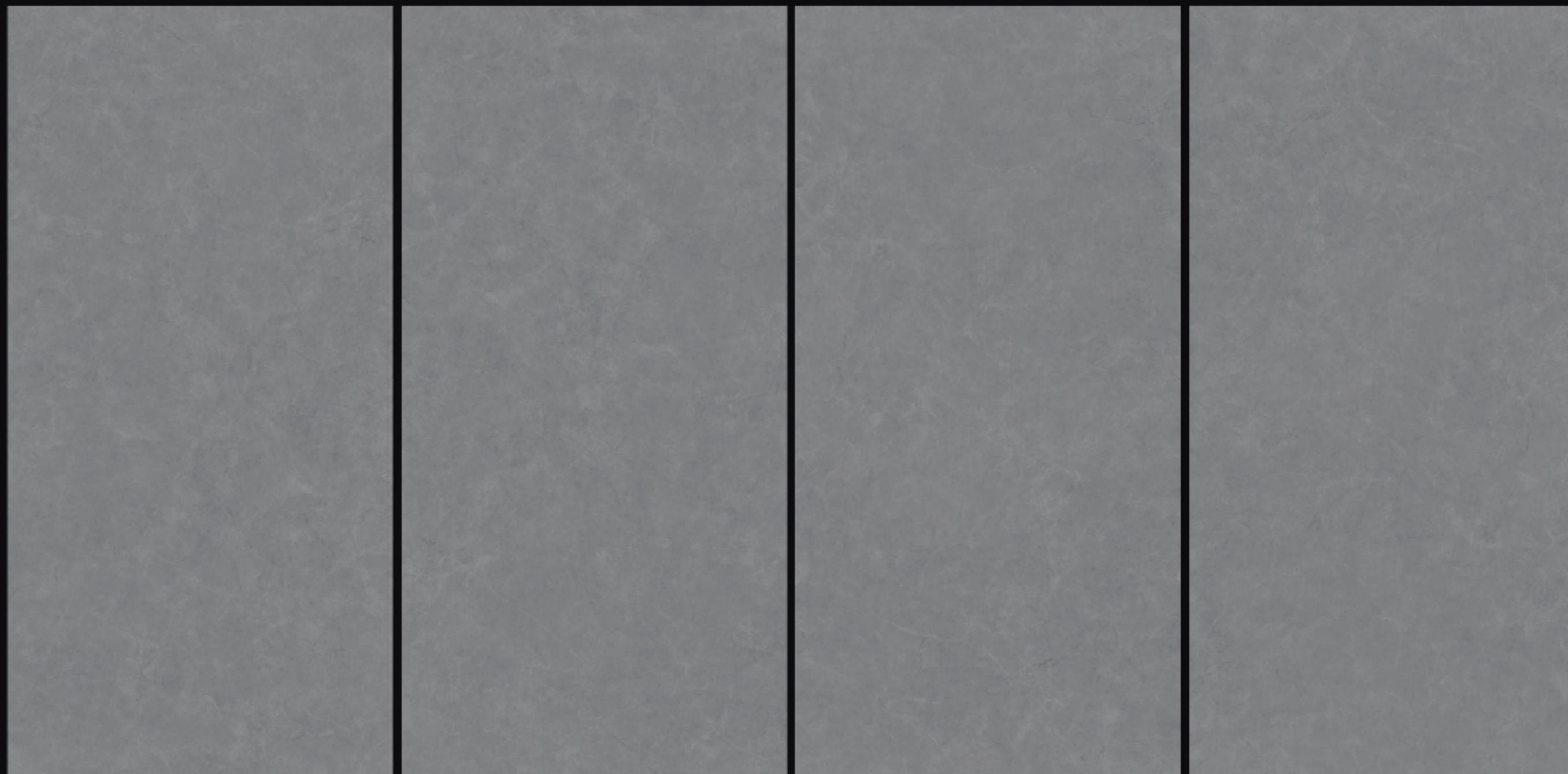
GLOBUS  
DARK

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**GLOBUS DARK**

GLOBUS  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



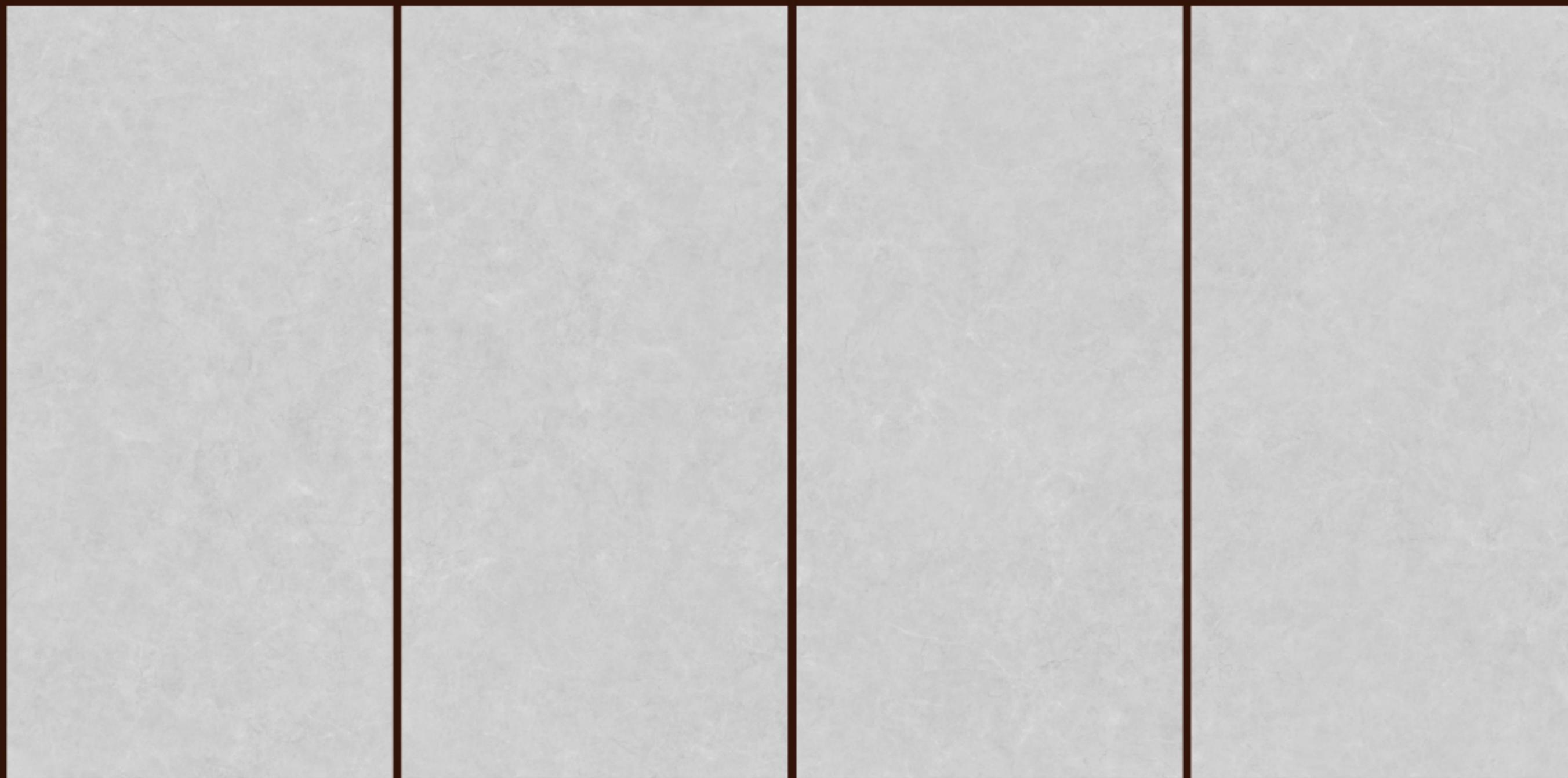
GLOBUS  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



GRANITE  
SILVER

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



GRANITE  
SILVER

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**GRANITE SILVER**

GRANITE  
WHITE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



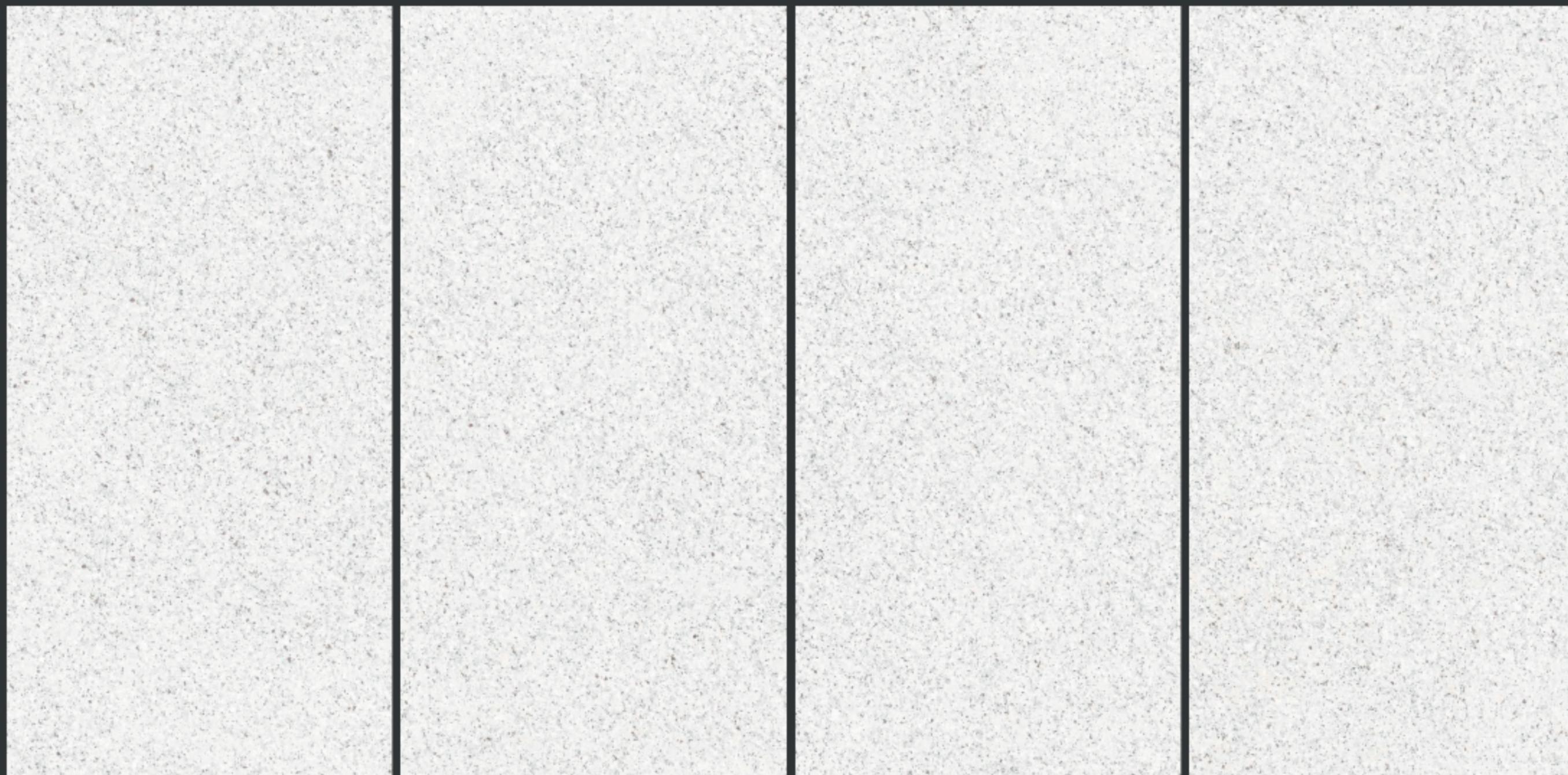
GRANITE  
WHITE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# HAMILTONE CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# HAMILTONE CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**HAMILTONE CREMA**

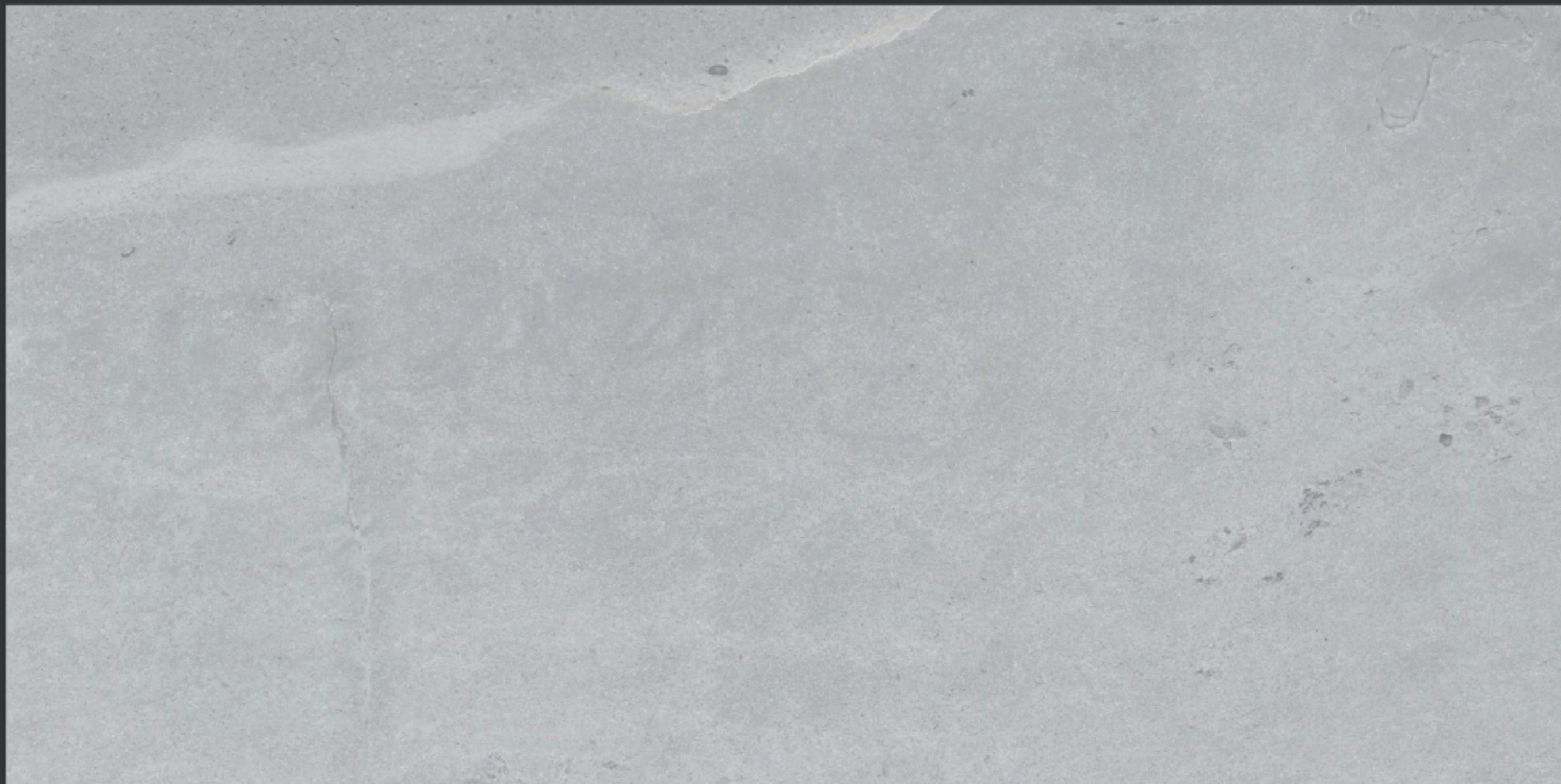
HAMILTONE  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



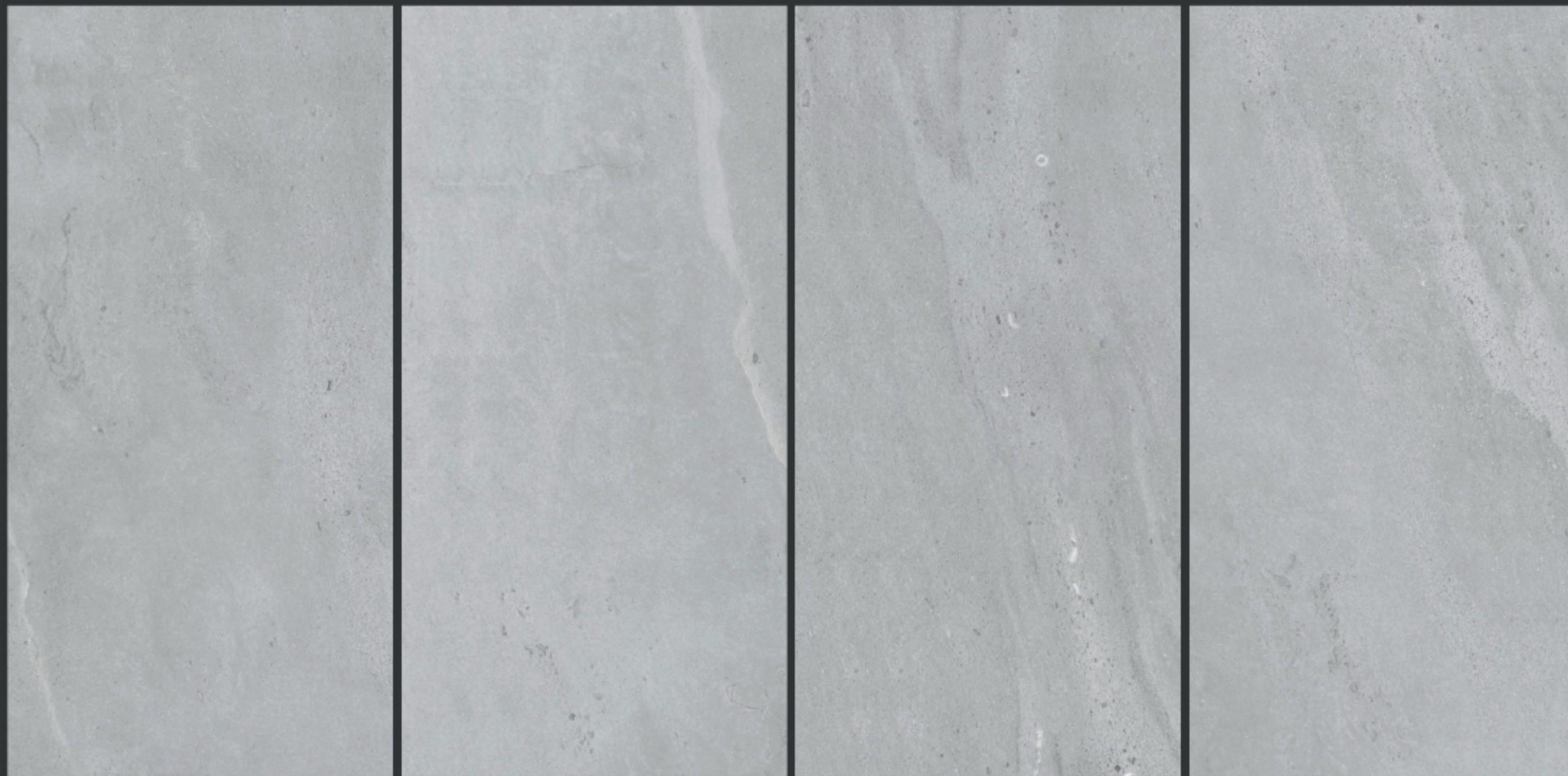
# HAMILTONE GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



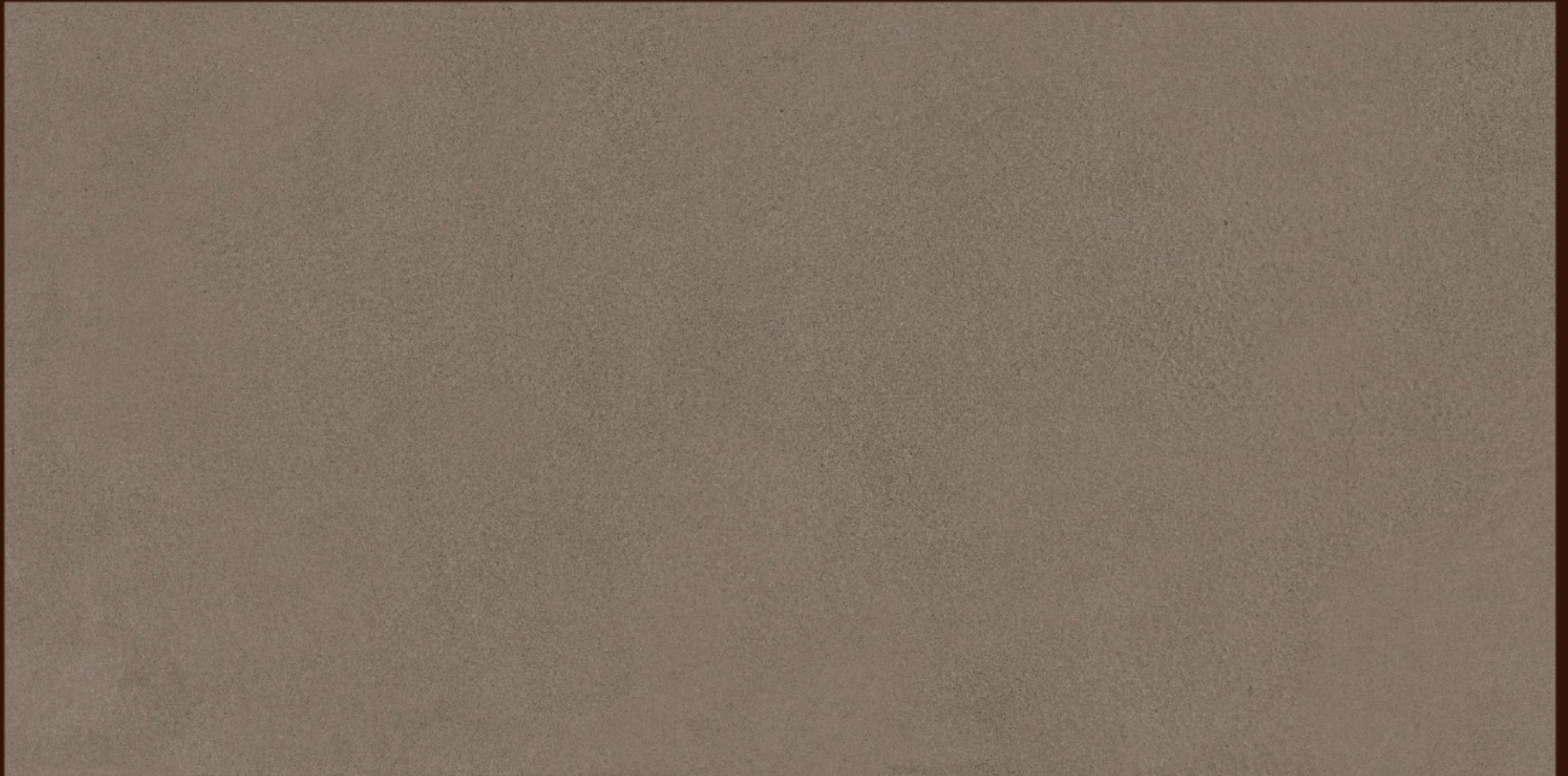
HENZIL  
COFFEE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



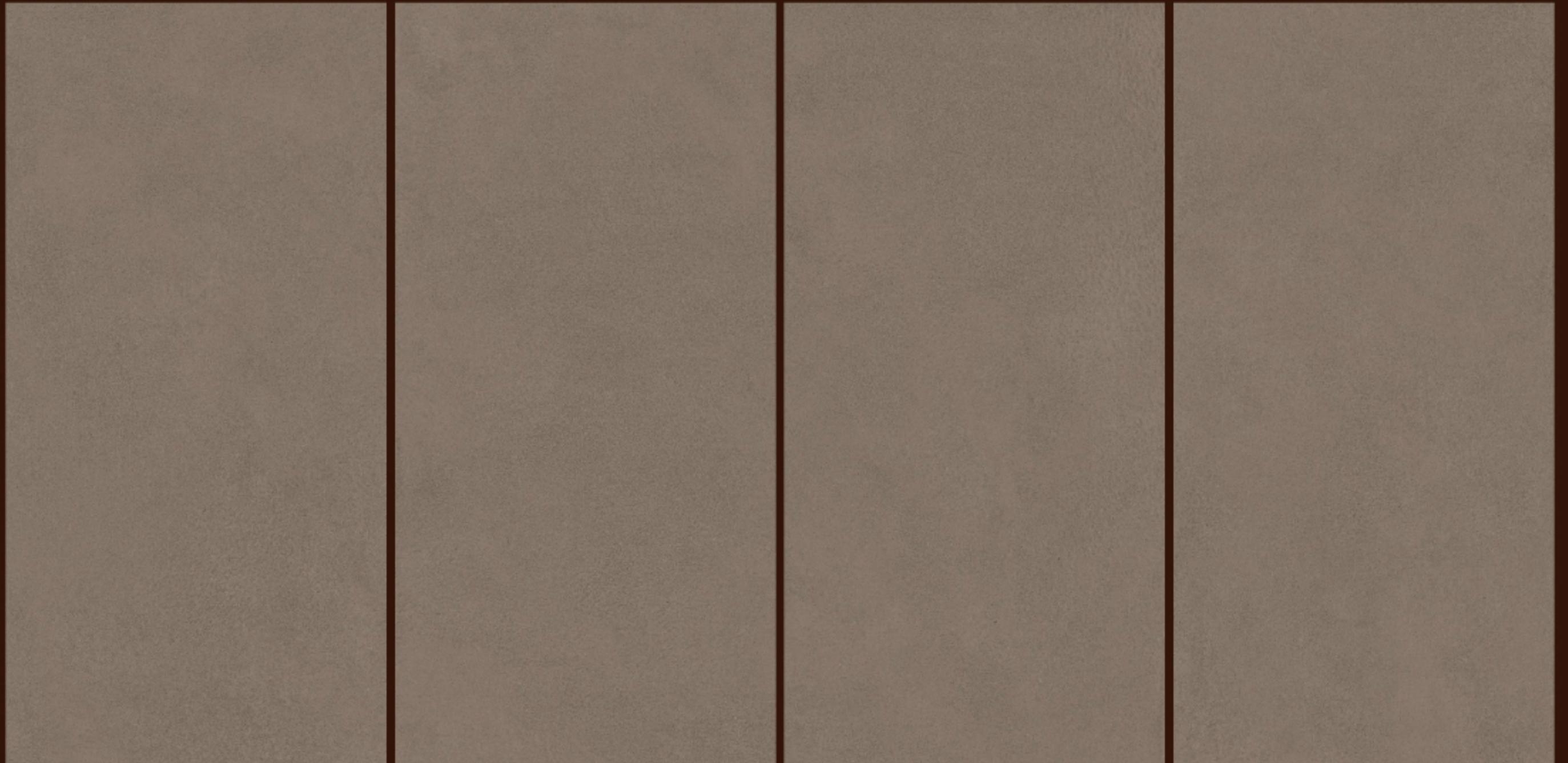
# HENZIL COFFEE

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**HENZIL COFFEE**

HENZIL  
CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



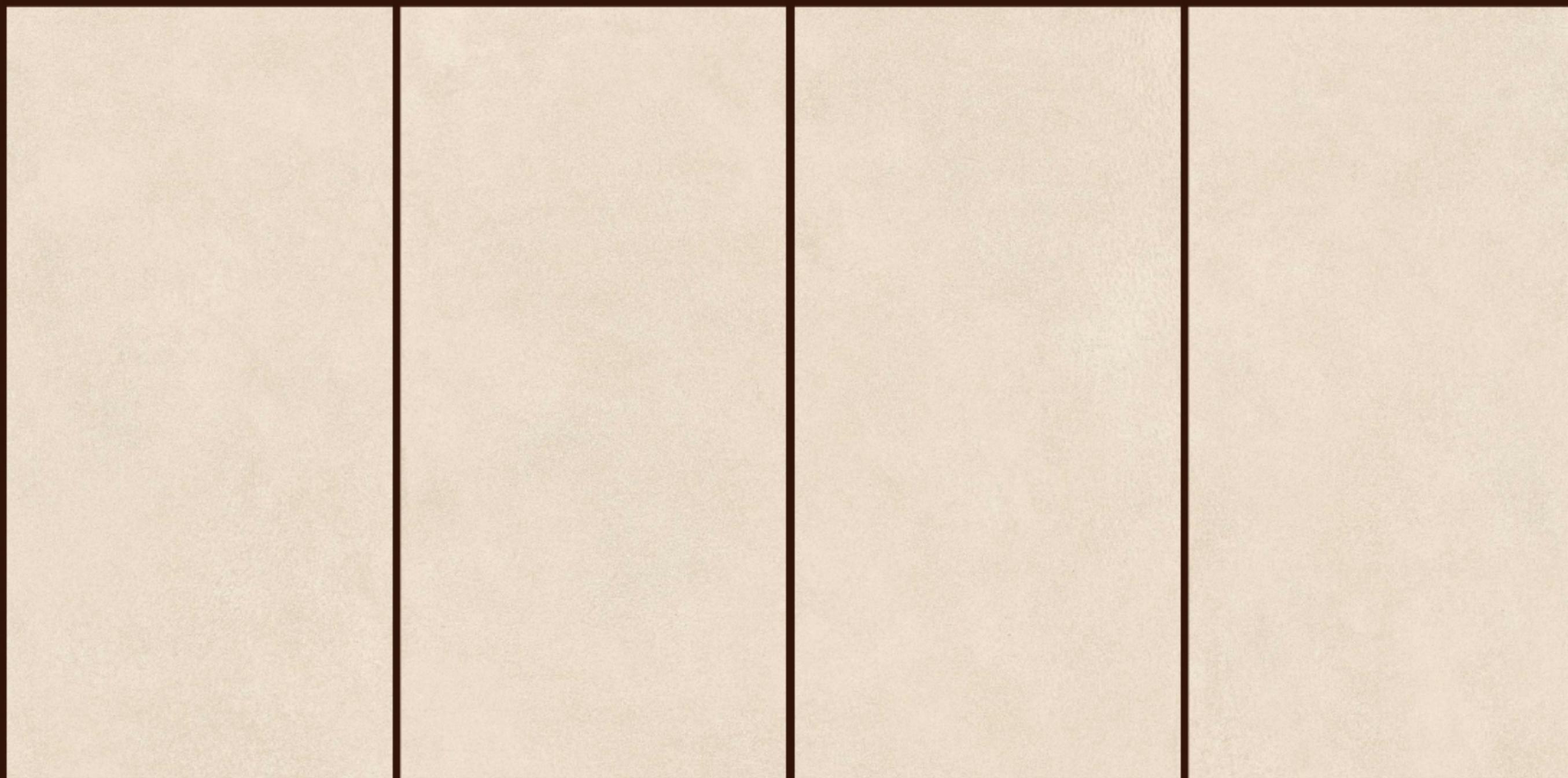
# HENZIL CREMA

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



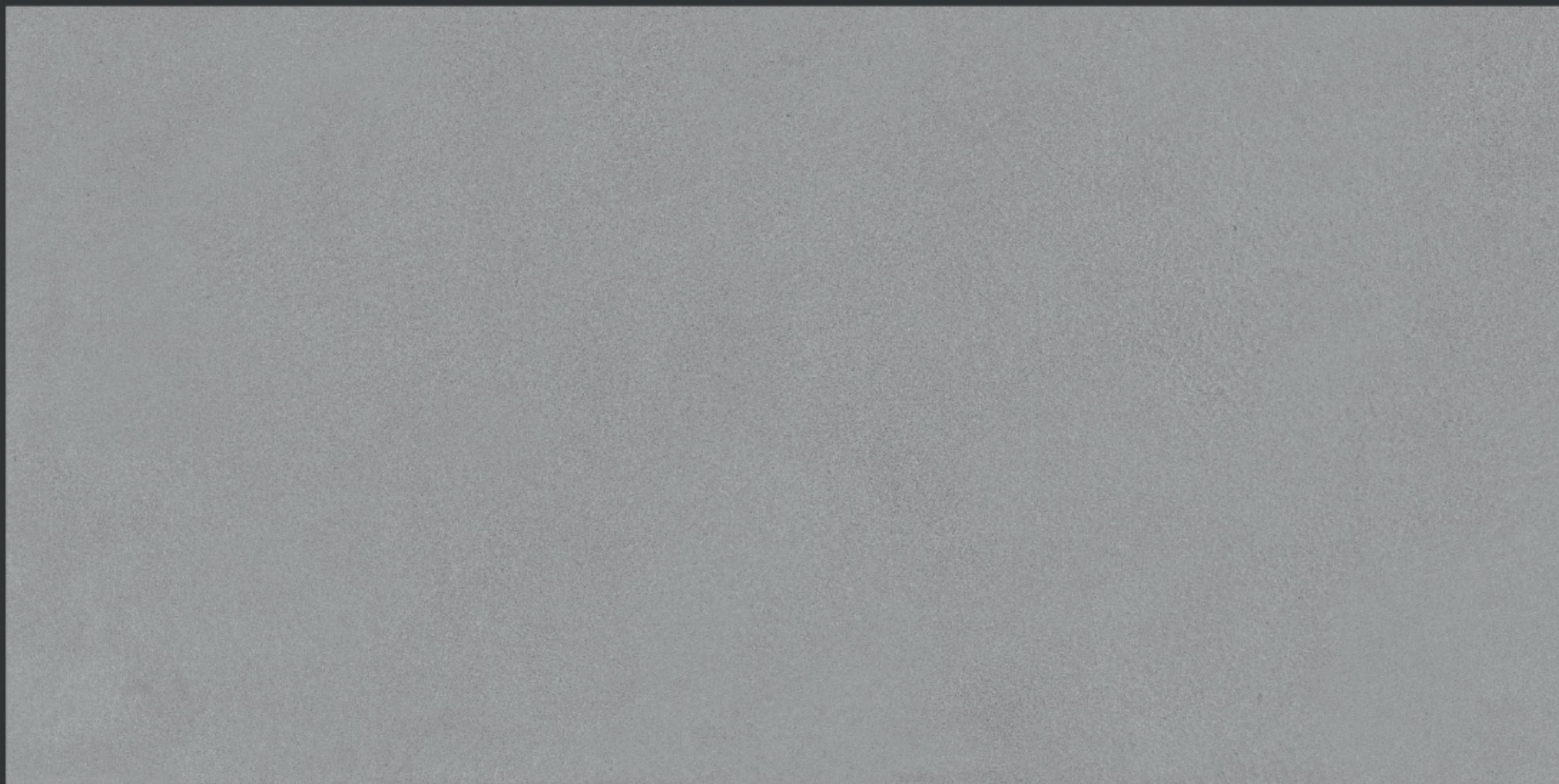
HENZIL  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



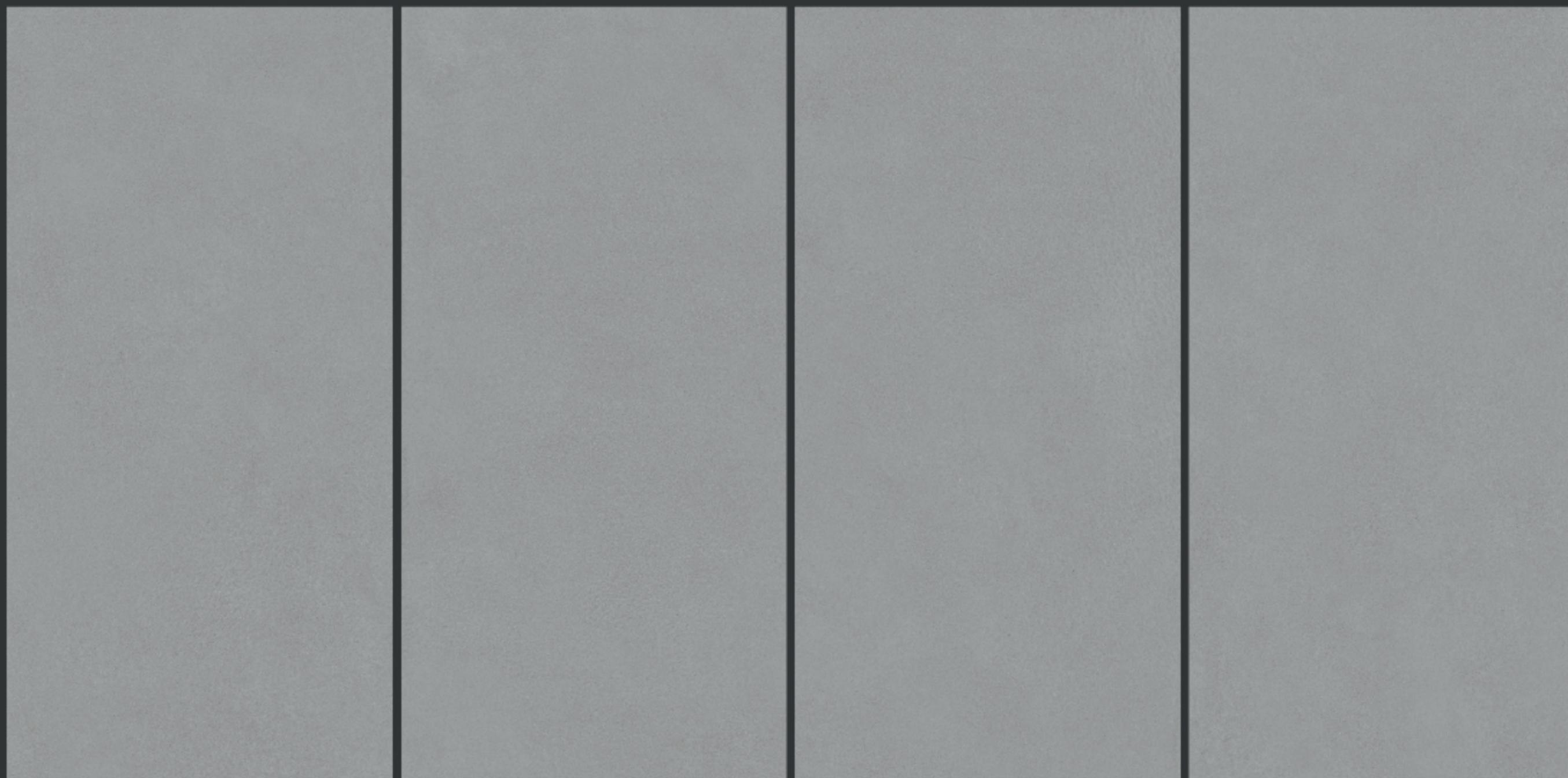
HENZIL  
GREY

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)





DESIGN :  
**HENZIL GREY**

HENZIL  
NERO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



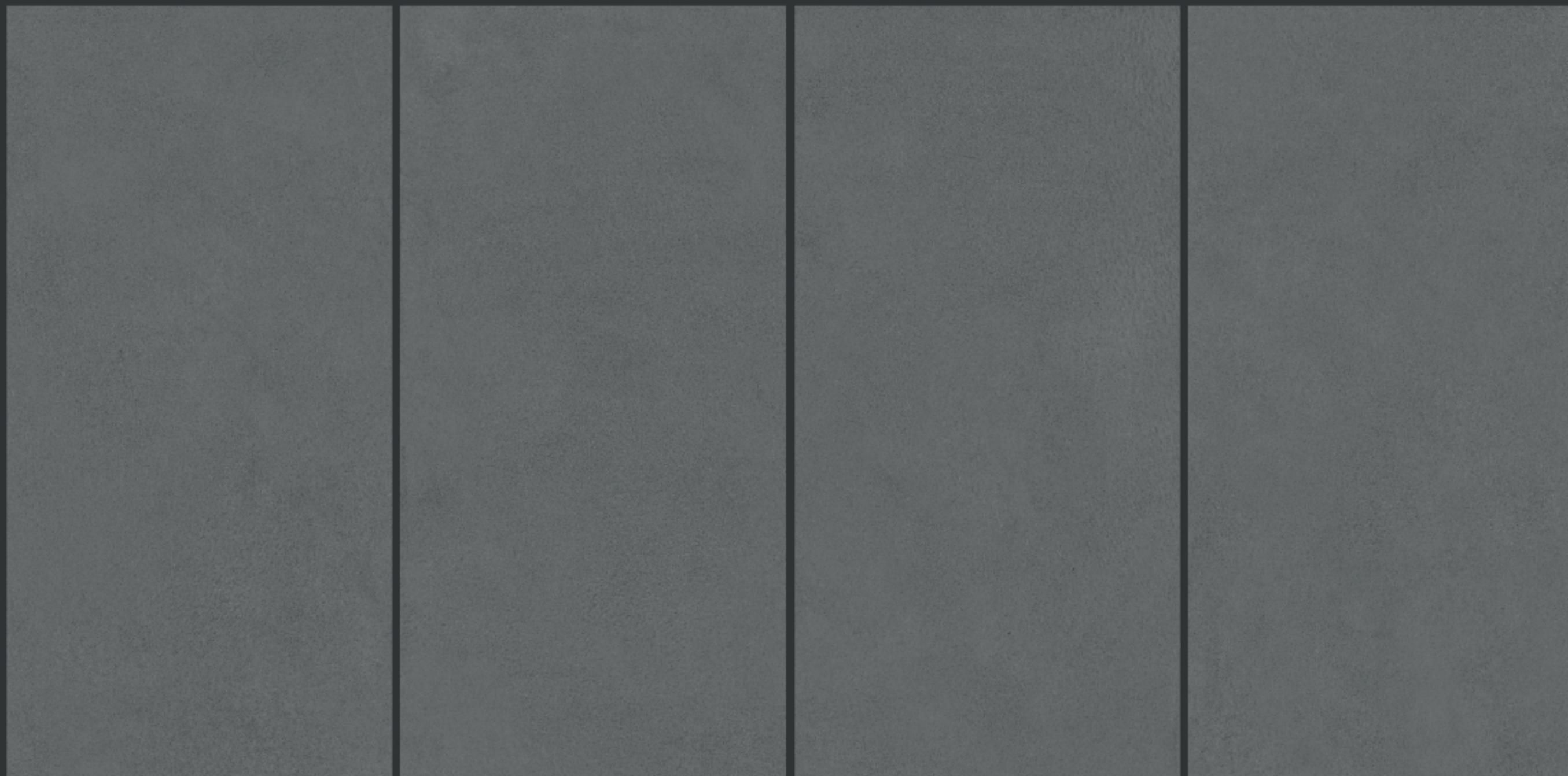
HENZIL  
NERO

Size : 600x1200mm | 60x120cm

Surface : Matt

Faces : 4 Randoms

Thickness : 9mm (Approx)



# CLEANING & MAINTAINANCE

## 1. CLEANING AFTER INSTALLATION

FOR REMOVING THE FOLLOWING RESIDUICE	TYPE OF DETERGENT	DETERGENT NAMES
cement base grout grout lime	buffered acid based	keranet
		cement remover
		deterdek pro
		hmk r63
		solvacid

## 2. EXTRAORDINARY CLEANING

FOR REMOVING THE FOLLOWING RESIDUICE	TYPE OF DETERGENT	DETERGENT NAMES
grease dust footmarks base cleaning	multipurpose alkaline-based (1)	ps87 pro
		intensivreiniger
		hmk r55
coffee coke fruit juice	multipurpose alkaline-based (1)	coloured stain remover
		super deterjet
wine	oxidizing agent	oxidant candeggina
calcareous deposits	acid-based (1)	viakal
rust	acid-based (1)	acido muriatico diluito
inks felt-tipped pen	solvent-based	diluyente nitro, acqua regia
		coloured stain remover
pneumatic stains from rubber metals or pencils	abrasive paste (1)	vim clorex (2)
		polishing cream (2)
		detergum (3)
tile joint stains	specific	fuganet
		fugenreiniger
clean on a daily basis	neutral universal degreaser	floor cleaner
		cleaner pro
		pflgereiniger
		bonamain + / bmain +
		smac expresse sgrassatore

# SPECIAL MAINTENANCE

## REMOVING GLOSSY GLAZE

Standard detergents that are available in the market sometimes contain waxes or polish additives that, wash after wash, deposit **glossy glaze** on the floor and causes annoying marks. These types of glazes can also settle on some joint grouts. When simply types of foods such as Coke, wine, water, etc., fall on the floor, they remove this type of glossy glaze and restore the **original appearance** of the tiles (a more opaque look).

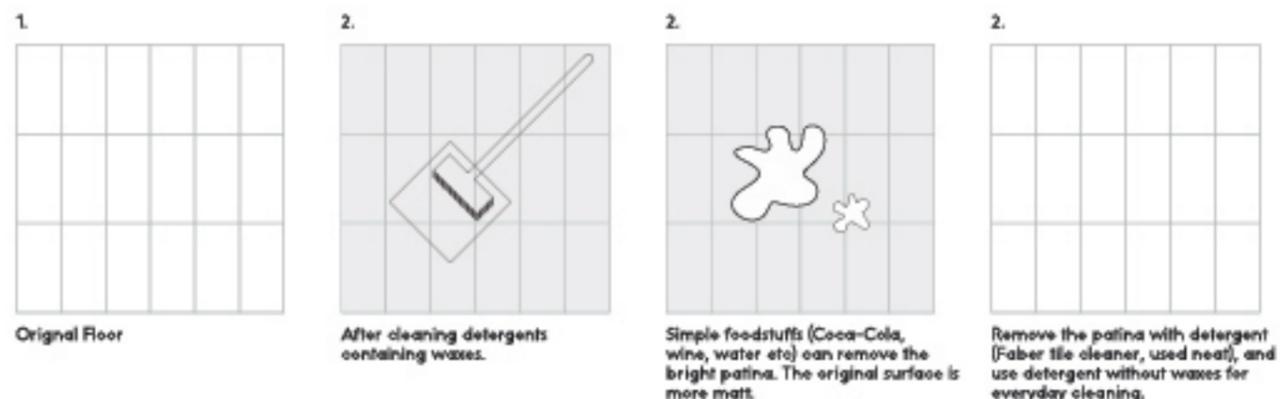
In the middle of the shinier floor, the areas without wax appear as opaque marks, but they are actually the only clean parts of the floor. In these cases, the following must be done:

1. First of all, remove the glossy glaze from the entire floor (see table below);
2. Then, for daily cleaning, use neutral detergents that do not contain wax or polishing glaze

**NEVER USE:** Waxing and impregnating agents - Acid or alkaline detergents - Abrasive pastes - Abrasive brushes or sponges.

RESIDUES TO BE REMOVED	TYPE OF DETERGENT	DETERGENT NAMES
glossy glaze	weak acidulous	tile cleaner pure (*)

(\*) Do not follow the instructions on the package, just apply the pure detergent, leave it on for 5-10 minutes, rub it with soft pads (white, yellow) and rinse it thoroughly with water.



## CLEANING "AFTER THE INSTALLATION"

1. Cleaning "after the installation" helps remove residues of grout-joints, cement and lime. This is obligatory at the end of the installation, for glazed tiles and unglazed tiles.
2. If the cleaning "after the installation" is not carried out properly or if it is not carried out at all, is often a cause of marks that prevent the floor from being clean even if a good daily cleaning is performed.
3. Whenever is possible, especially for medium to large surfaces, it is advisable to use a single-brush machine with soft disks (white or beige).
4. cleaning cement-based grouts mixed with water. It is carried out with specific detergents based with buffered and diluted acids. The table below shows some of these detergents, which are easily available in the market.

## INSTRUCTIONS ON HOW TO CLEAN "AFTER THE INSTALLATION"

1. Clean 4-5 days after the grouting (the grout must be hardened); do not wait over 10 days. In addition to this period, the cleaning can become very laborious.
2. Moisten the floor with water before cleaning. This way the groutings are soaked with water and the contact with detergents is reduced.
3. Let the detergents operate for limited periods, hence rinse out with water as soon as possible.
4. It must not be carried out if the tiled surfaces are very hot (i.e. exposed to the sun during very warm days); this must be avoided as the action of aggressive chemicals become very harsh. On the summer, proceed with the operation during the coolest period of the day.
5. Make sure to always perform a precautionary test before using the product (on a tile that is not laid), especially for Lapped or Polished products.
6. cleaning for epoxy, bi-component and reagent grouts in these cases the removal must be carried out immediately and carefully following the recommendations of the manufacturers, as these grout harden very fastly, even in a few minutes. Please carefully follow the cleaning made specified by the manufacturer of the grout used; verify its effectiveness (backlight also) with a preliminary cleaning test before grouting the entire floor/wall.
7. "Antisip" tiles that are made with rough and/or textured surfaces must be cleaned very laboriously. Therefore, it is advisable to clean "after the installation", quickly and thoroughly, using a single-brush machine with disks white and beige.

# LAYING INSTRUCTION



## DRY LAYING ON GRASS

In the case of a grass surface, the paving should be laid dry without the use of adhesives. This installation technique is simple, ecological, and can be carried out without specialised personnel. This technique is ideal for rapid creation of elegant paths in public parks and private gardens.

## LAYING ON GARVEL

The different installation methods make it possible to create complex spaces while ensuring visual uniformity even when working on diverse substrates. In the presence of a gravel substrate, the floor surface can be installed simply by placement of the tiles without the use of adhesives. This method streamlines the leveling procedure and also guarantees excellent stability. The solution allows the creation of decorative effects using gravel and pebbles of different particle sizes and colours.



## LAYING ON SCREED WITH ADHESIVE

The technical characteristics of the glazed vitrified tiles are perfectly compatible also with sandy substrates. This makes the system especially suitable for public areas in the proximity of beaches and in beach bars. Resistant to the action of solar UV radiation and prolonged contact with salt. Impervious to wear caused by sand abrasion. In addition, the R11 A+B+C surface is an advantage for the safety of holiday makers. Installed completely dry, the tiles are the ideal practical and robust solution for seasonal businesses requiring periodic setup and removal operations, such as kiosks or temporary structures in general installed on beaches.

## LAYING ON RAISED FLOOR

The Seans' 9mm glazed vitrified tiles are composed of pedestals to raise the floor surface with respect to the base level, resulting in the creation of an underfloor void that can be used to route electrical cables and pipework easily. This allows inspection of technical systems at any time and simple replacement of components if necessary. The system is assembled without adhesives. Dry assembly of the structure is extremely effective in applications where correct drainage is important.



# TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO 9006:2018/ ENH411 Gr.B1a	MEAN VALUE OF OUR COMPANY	TEST METHOD
<b>Regulatory Properties</b>			
Deviation in length and width	± 0.30 % (±1.00mm)	± 0.10 %	ISO 10545-2
Deviation in thickness	± 5.00 % (±0.50mm)	± 4.00 %	ISO 10545-2
Straightness in side	± 0.30 % (±0.80mm)	± 0.10 %	ISO 10545-2
Rectangularity	± 0.30 % (±1.50mm)	± 0.10 %	ISO 10545-2
Surface flatness central curvature	± 0.40 % (±1.80mm)	± 0.20 %	ISO 10545-2
Surface flatness edge curvature	± 0.40 % (±1.80mm)	± 0.20 %	ISO 10545-2
Surface flatness warpage	± 0.40 % (±1.80mm)	± 0.10 %	ISO 10545-2
Surface quality	> 95% defects free	> 95% defects free	ISO 10545-2
Small Color Difference (For Plain Color)	ΔE < 0.01	ΔE < 0.30	ISO 10545-16
Glossiness (Polished)	as per mfg.	Gloss Value > 90	Glossmeter 60°
Glossiness (Matt)	as per mfg.	3° < GLOSS < 7°	Glossmeter 60°
Glossiness (satin/Polsh)	as per mfg.	7° < GLOSS < 18°	Glossmeter 60°
<b>Structural Properties</b>			
Water absorption	0.50 % ≤ Ev ≤ 3.00 %	0.060 % ≤ Ev ≤ 3.00 %	ISO 10545-3
Bulk density	as per mfg.	> 2.28 g/cm <sup>3</sup>	ISO 10545-3
<b>Massive Mechanical Properties</b>			
Modulus of rupture	Min. 300 N/mm <sup>2</sup>	Min. 350 N/mm <sup>2</sup>	ISO 10545-4
Breaking strength thickness ≥ 75	Min. 7000 N	Min. 10000 N	ISO 10545-4
Breaking strength thickness ≥ 75	Min. 11000 N	Min. 13000 N	ISO 10545-4
Breaking strength thickness ≥ 75 (for ≥ 15mm)	Min. 11000 N	Min. 18000 N	ISO 10545-4
<b>Surface Mechanical Properties</b>			
MOHS hardness	as per mfg.	Polished Min 4° / Satin, Polsh & Matt Min 6	BS EN 15771
Surface abrasion resistance	as per mfg.	Polish Min. Class 2, Satin & Polsh Min. Class 3, & Matt Min. Class 4	ISO 10545-7
Deep abrasion resistance	Max. 175mm <sup>3</sup>	Max. 132mm <sup>3</sup>	ISO 10545-6
<b>Thermal Hydrometric Properties</b>			
Moisture expansion	Max. 0.06%(0.6mm/m)	0.02mm/m	ISO 10545-10
Thermal expansion(COE) at 10°C	as per mfg.	Max. 6.0 x 10 <sup>-6</sup>	ISO 10545-8
Thermal shock resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9
Impact resistance(COR)	Min. 0.55	Min. 0.55	ISO 10545-5
Frost resistance	as per mfg.	Frost Proof	ISO 10545-12
<b>Chemical Properties</b>			
Resistance to staining glazed	Min. Class 3	Min. Class 4	ISO 10545-14
Resistance to household chemicals & swimming pool salts glazed	Min. Class GB	Min. Class GA	ISO 10545-13
Resistance to low concentrate acid and alkalis glazed	as per mfg.	Min. Class GLA**	ISO 10545-13
Resistance to high concentrate acid and alkalis unglazed	as per mfg.	Min. Class GHB**	ISO 10545-13
<b>Safety Properties</b>			
Skid resistance (COF-WET PENDULAM)##	as per mfg.	Glossy P0 (<12), Satin, Polsh ≥P1(12-24) Matt ≥P2(25-34)	BS 7976-2
Slip resistance - (Satin / Matt)(DCOF) (R value)##	as per mfg.	R9 to R13**	DIN 51130
Fire resistance	as per mfg.	Fire Proof	N.A.

# PACKING DETAILS

PRODUCT	SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX	WEIGHT
GVT-PGVT	600x 1200mm	9mm	2 pcs.	1.44 sq. mtr.	27 KG (APPROX)

