

ANGELICO

BEIGE



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



- Easy to install
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Impact resistant
- Frost resistant
- Anti-slip
- Resistant to Staining
- High Modulus
- Resistant to Abrasion
- Thermal shock resistant
- Flexible Body



ARABESCATO

GOLD



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



- 

Easy to install
- 

Ecology & Sustainable
- 

Acid resistant
- 

Easy to clean
- 

Impact resistant
- 

Frost resistant
- 

Anti-slip
- 

Resistant to Staining
- 

High Modulus
- 

Resistant to Abrasion
- 

Thermal shock resistant
- 

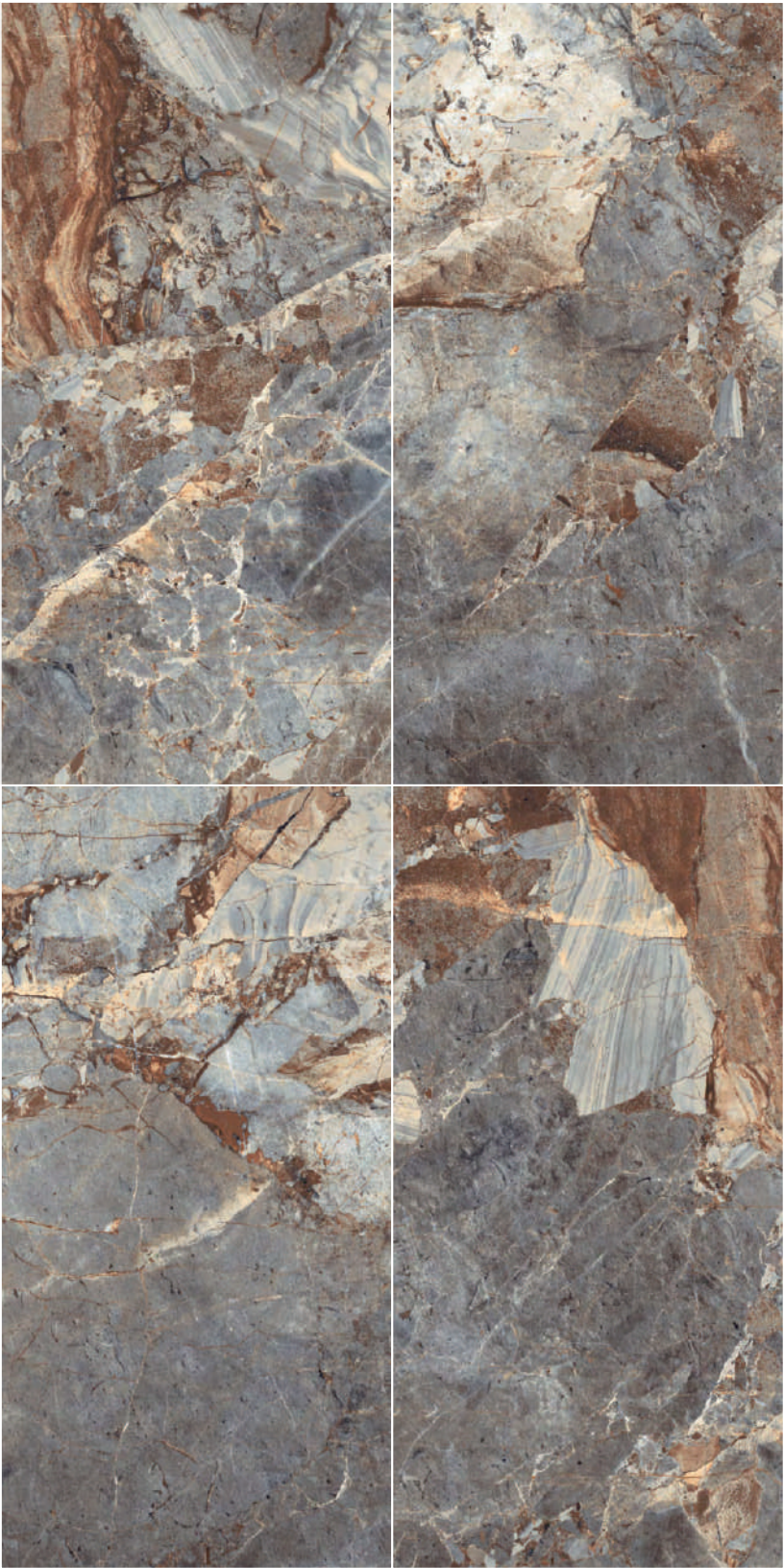
Flexible Body



FANTASTICO



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



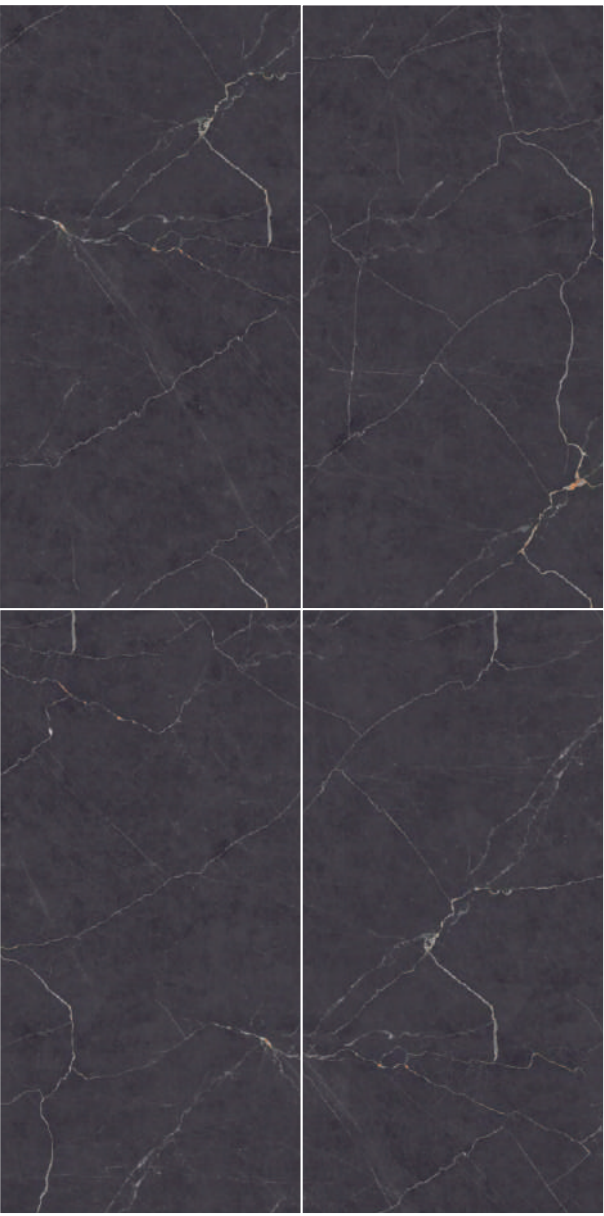
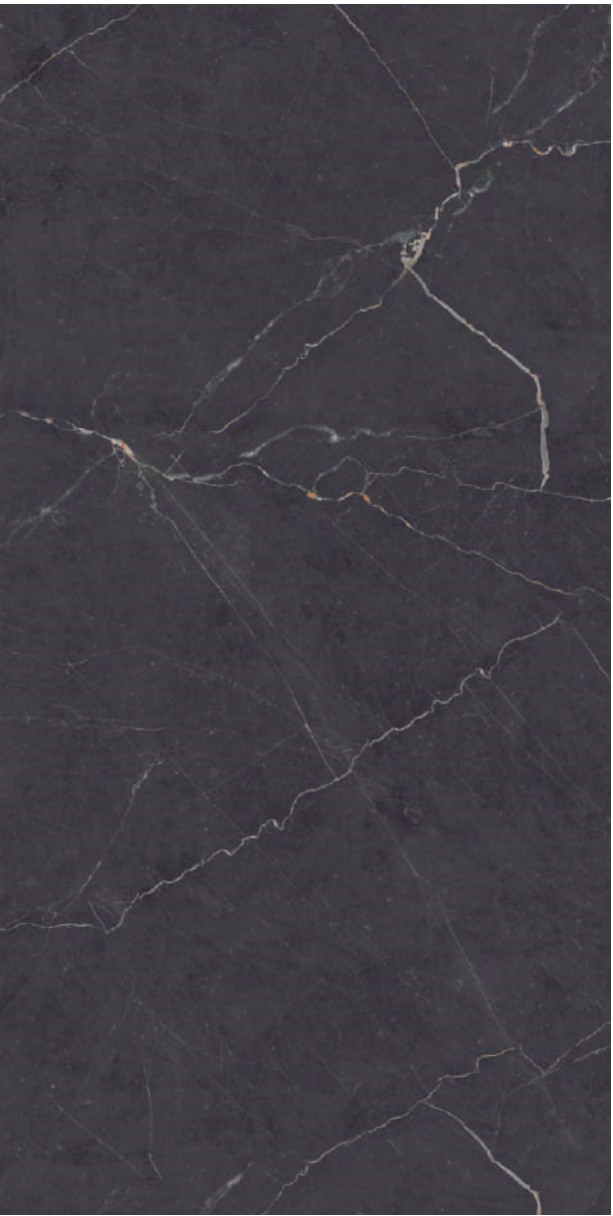
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- Easy to clean
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- High Mor
- Resistant to Abrasion
- Thermal shock resistant
- Flexible Body



MARQUINA

BLACK

SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



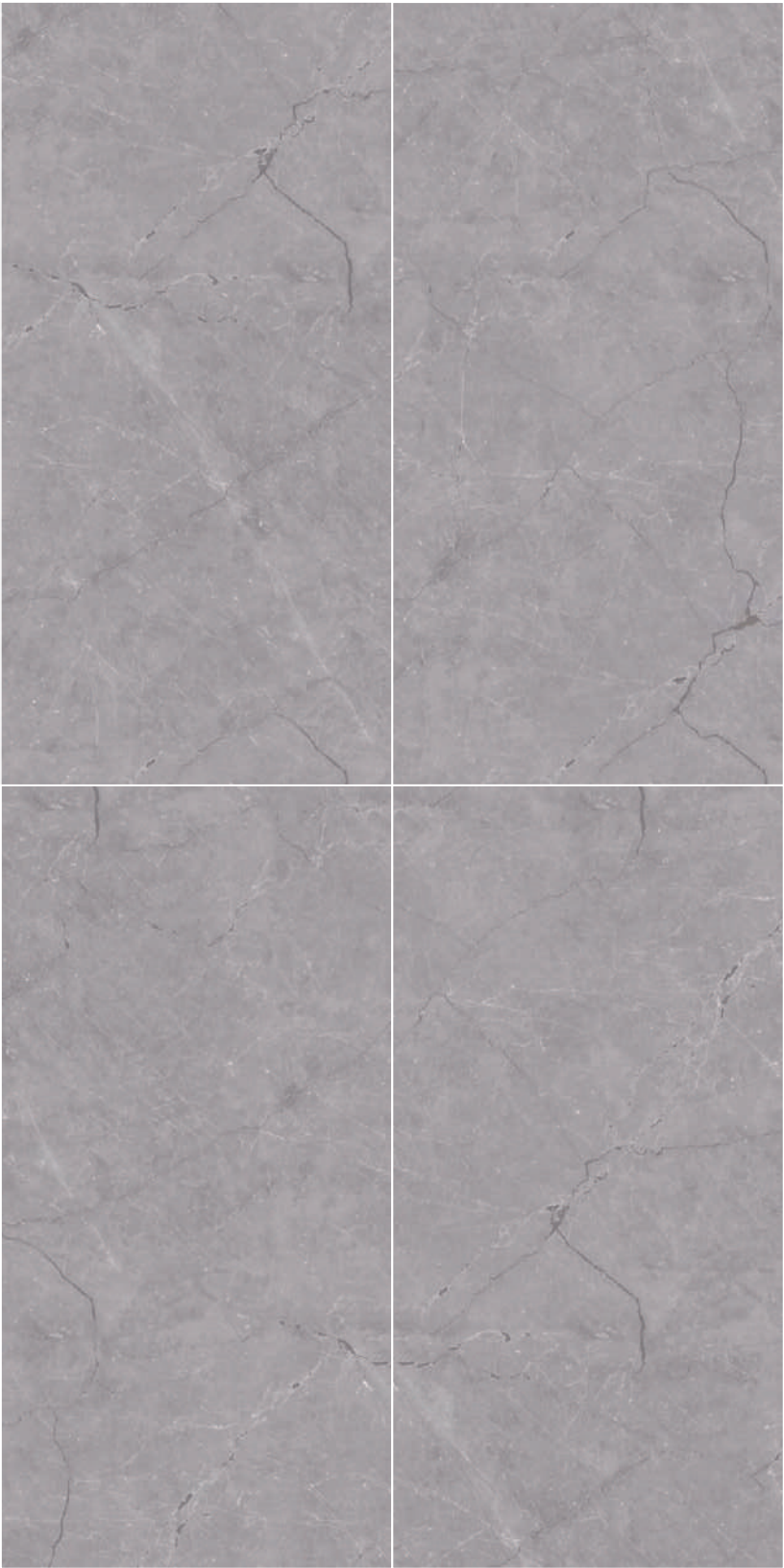
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- Resistant to Abrasion
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MARQUINA  
GREY






SIZES	RANDOM	FINISH
600X1200MM	4	CARVING





-  Easy to install



 Ecology & Sustainable


 Acid resistant


 Easy to clean
-  Impact resistant


 Frost resistant

 Anti-slip

 Resistant to Staining
-  High Modulus

 Resistant to Abrasion

 Thermal shock resistant

 Flexible Body



MILANO  
BEIGE



SIZES	RANDOM	FINISH
600X1200MM	2	CARVING



- Easy to install
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- Flexible Body



MILANO  
CREMA



SIZES	RANDOM	FINISH
600X1200MM	2	CARVING



- Easy to install
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Impact resistant
- Frost resistant
- Anti-slip
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- High Mor
- Resistant to Abrasion
- Thermal shock resistant
- Flexible Body



MINT  
WHITE



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



-  Easy to install

 Ecology & Sustainable

 Acid resistant

 Easy to clean
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 Frost resistant

 Anti-slip

 Resistant to Staining
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 Resistant to Abrasion

 Thermal shock resistant

 Flexible Body



MOSCATO

BEIGE



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



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MOSCATO

BROWN



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



- Easy to install
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- Thermal shock resistant
- Flexible Body



MOSCATO  
GREY



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



-  Easy to install
-  Ecology & Sustainable
-  Acid resistant
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-  Flexible Body



MOSCATO

MOCA



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



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MOSCATO

SMOKE



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



- Easy to install
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MOSCOW

BEIGE



SIZES	RANDOM	FINISH
600X1200MM	3	CARVING



- 

Easy to install
- 

Ecology & Sustainable
- 

Acid resistant
- 

Easy to clean
- 

Impact resistant
- 

Frost resistant
- 

Anti-slip
- 

Resistant to Staining
- 

High Modulus
- 

Resistant to Abrasion
- 

Thermal shock resistant
- 

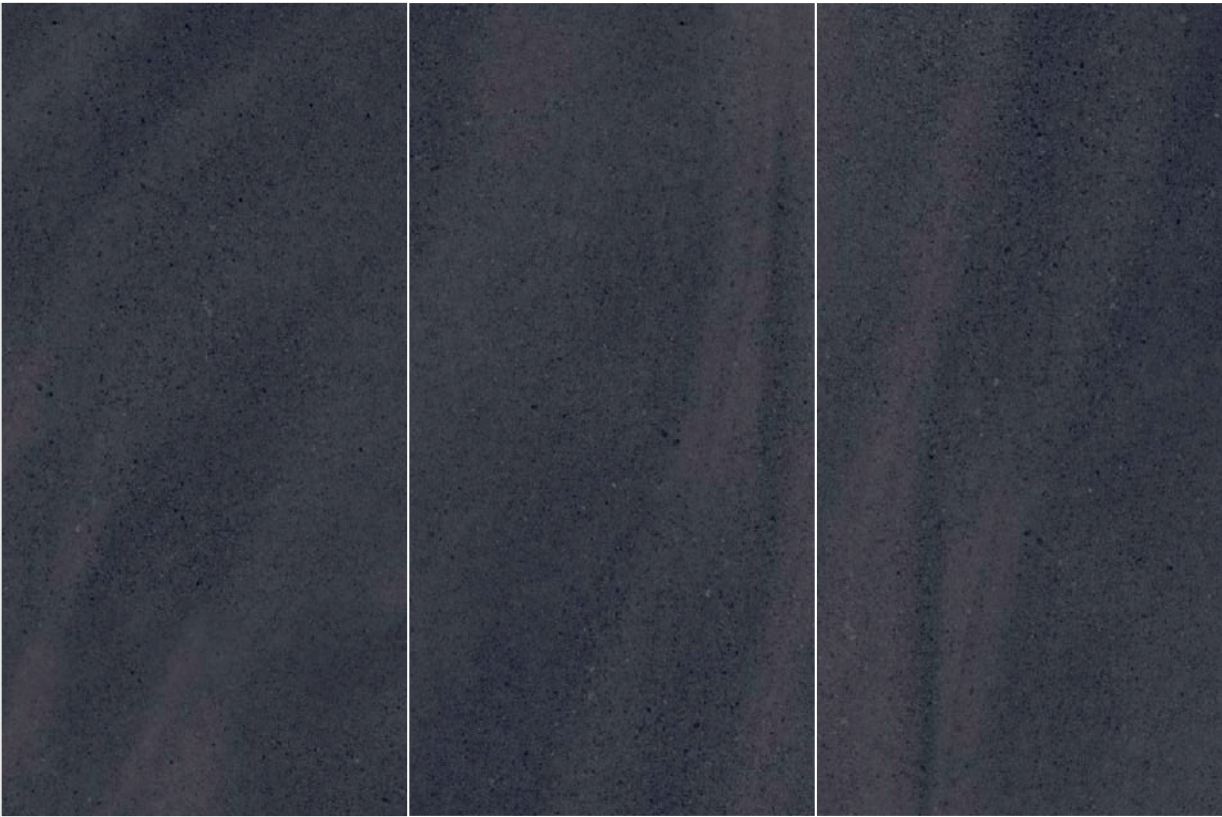
Flexible Body



MOSCOW  
BLACK



SIZES	RANDOM	FINISH
600X1200MM	3	CARVING



- 

Easy to install
- 

Ecology & Sustainable
- 

Acid resistant
- 

Easy to clean
- 

Impact resistant
- 

Frost resistant
- 

Anti-slip
- 

Resistant to Staining
- 

High Mor
- 

Resistant to Abrasion
- 

Thermal shock resistant
- 

Flexible Body

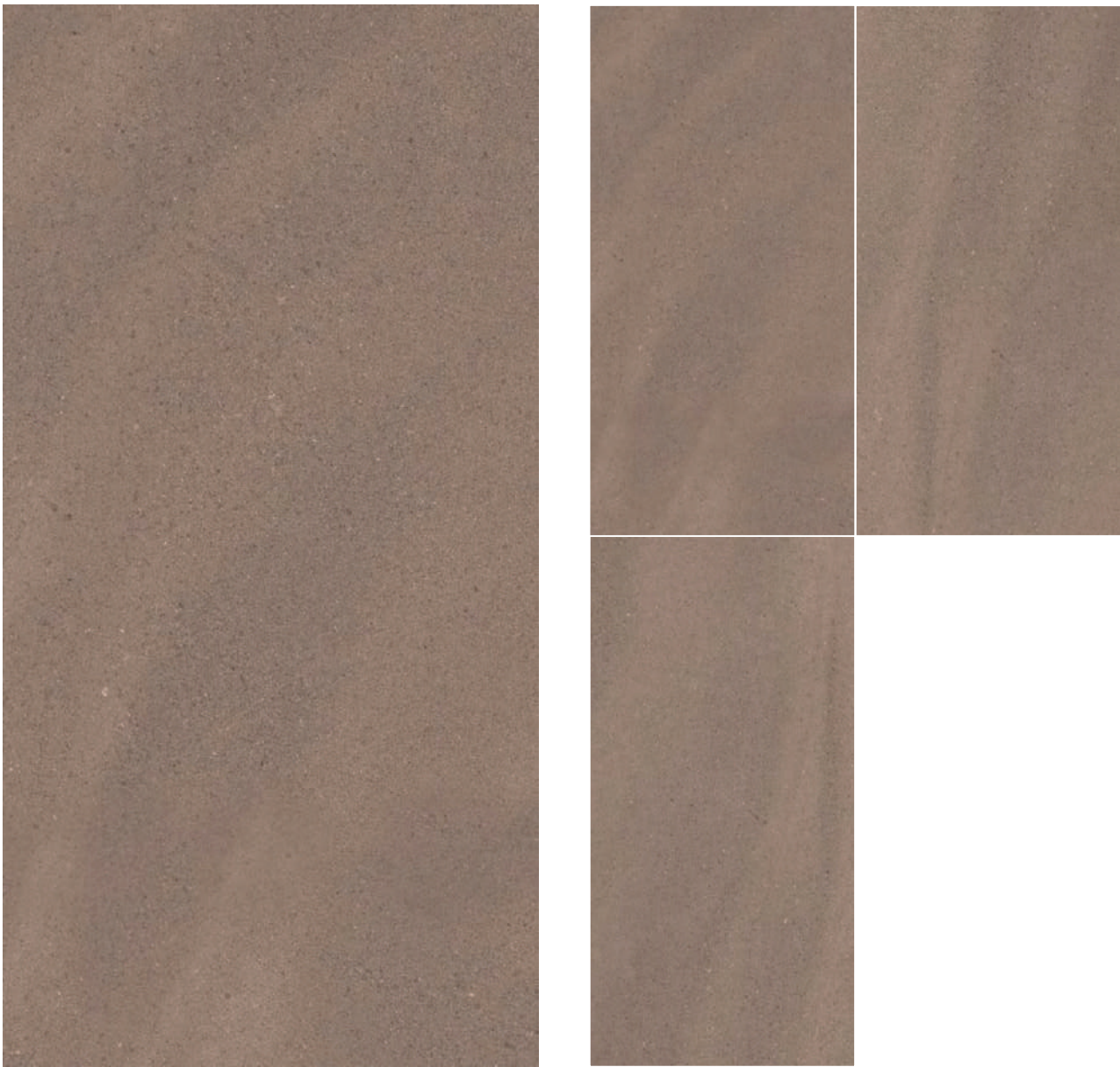


MOSCOW

BROWN



SIZES	RANDOM	FINISH
600X1200MM	3	CARVING



-  Easy to install

 Ecology & Sustainable

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 Easy to clean
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MOSCOW  
GREY



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Anti-slip

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Resistant to Abrasion

Thermal shock resistant

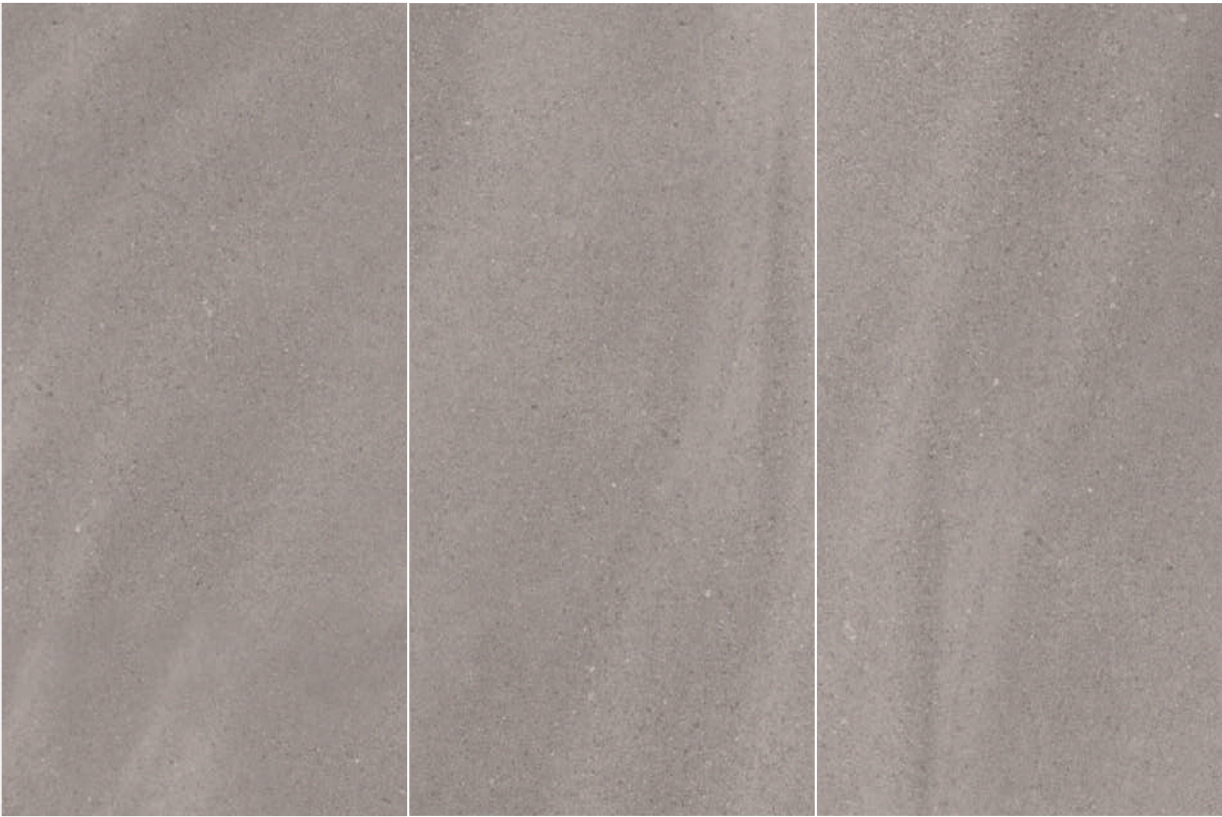
Flexible Body



MOSCOW  
SMOKE



SIZES	RANDOM	FINISH
600X1200MM	3	CARVING



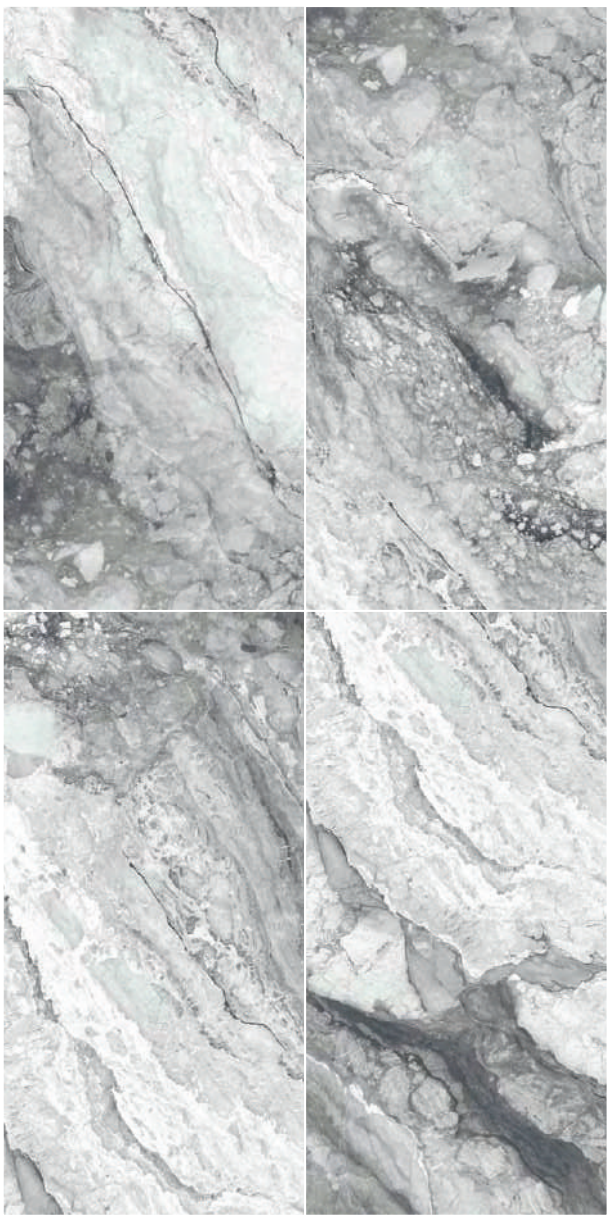
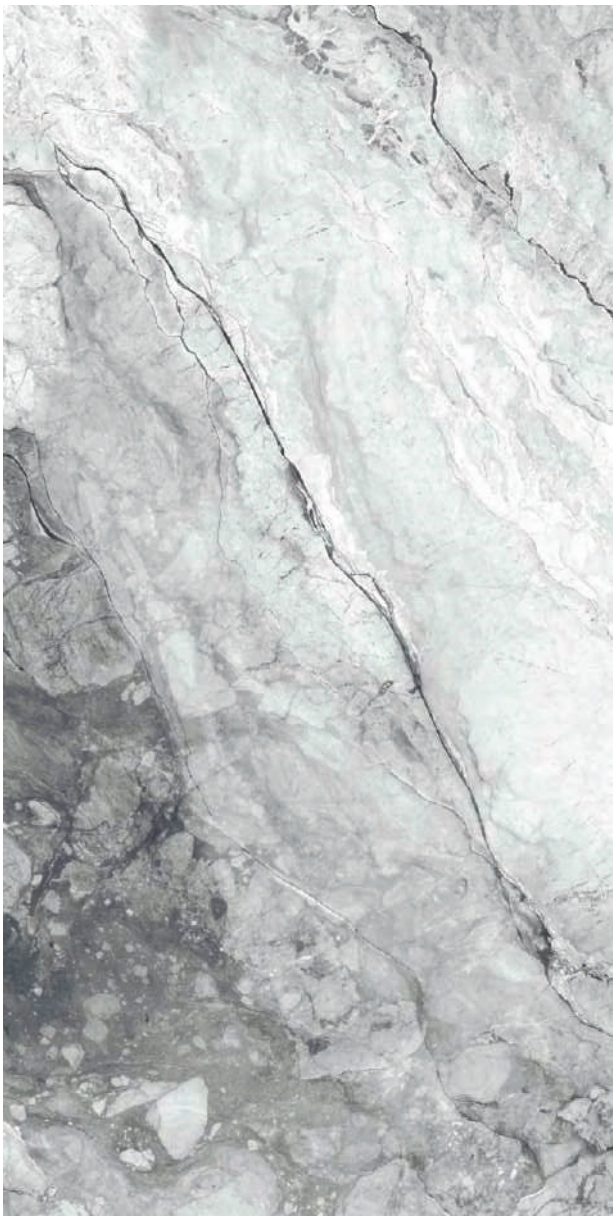
- Easy to install
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Impact resistant
- Frost resistant
- Anti-slip
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- High Mor
- Resistant to Abrasion
- Thermal shock resistant
- Flexible Body



NAUMAN  
GREY



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



- Easy to install
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Impact resistant
- Frost resistant
- Anti-slip
- Resistant to Staining
- High Modulus
- Resistant to Abrasion
- Thermal shock resistant
- Flexible Body



OASIS  
BEIGE



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



-  Easy to install
-  Ecology & Sustainable
-  Acid resistant
-  Easy to clean
-  Impact resistant
-  Frost resistant
-  Anti-slip
-  Resistant to Staining
-  High Modulus
-  Resistant to Abrasion
-  Thermal shock resistant
-  Flexible Body





OASIS  
BROWN





SIZES	RANDOM	FINISH
600X1200MM	4	CARVING





- 


Easy to install
- 


Ecology & Sustainable
- 


Acid resistant
- 


Easy to clean
- 


Impact resistant
- 


Frost resistant
- 

Anti-slip
- 

Resistant to Staining
- 

High Modulus
- 

Resistant to Abrasion
- 

Thermal shock resistant
- 

Flexible Body



OASIS  
CREMA



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



-  Easy to install

 Ecology & Sustainable

 Acid resistant

 Easy to clean
-  Impact resistant

 Frost resistant

 Anti-slip

 Resistant to Staining
-  High Modulus

 Resistant to Abrasion

 Thermal shock resistant

 Flexible Body



OASIS  
GREY



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



-  Easy to install
-  Ecology & Sustainable
-  Acid resistant
-  Easy to clean
-  Impact resistant
-  Frost resistant
-  Anti-slip
-  Resistant to Staining
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-  Resistant to Abrasion
-  Thermal shock resistant
-  Flexible Body



OASIS  
SPA



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



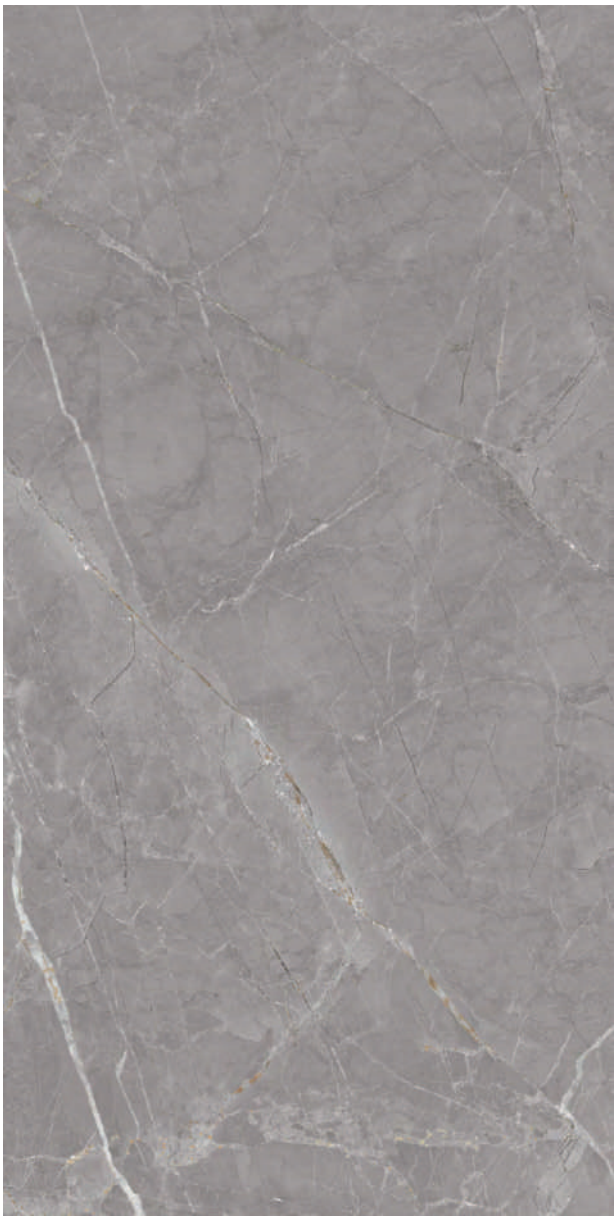
-  Easy to install
-  Ecology & Sustainable
-  Acid resistant
-  Easy to clean
-  Impact resistant
-  Frost resistant
-  Anti-slip
-  Resistant to Staining
-  High Mor
-  Resistant to Abrasion
-  Thermal shock resistant
-  Flexible Body



OASIS  
VARDE



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



-  Easy to install

 Ecology & Sustainable

 Acid resistant

 Easy to clean
-  Impact resistant

 Frost resistant

 Anti-slip

 Resistant to Staining
-  High Modulus

 Resistant to Abrasion

 Thermal shock resistant

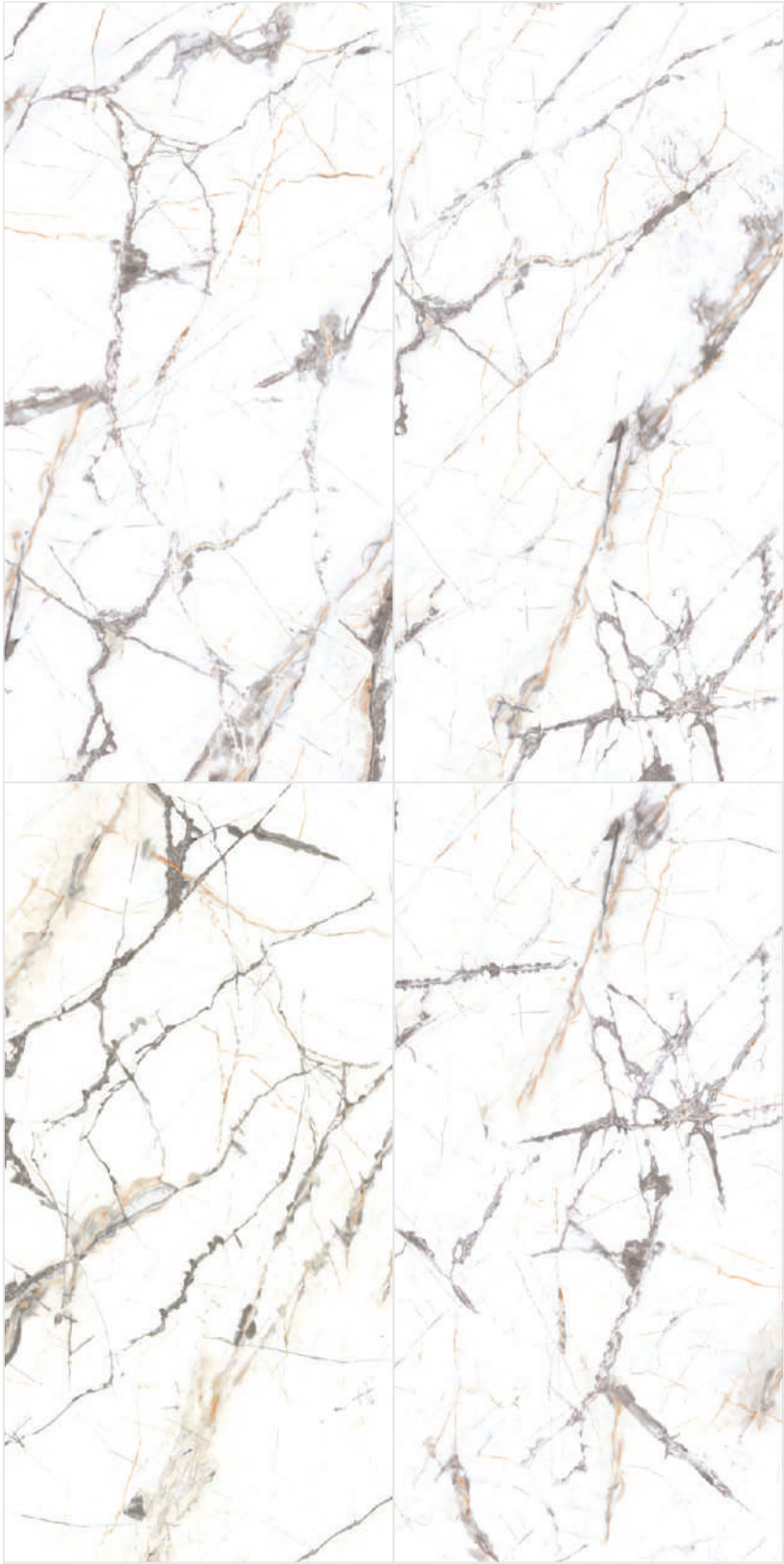
 Flexible Body



PICASSO  
GREY



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



- Easy to install
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Impact resistant
- Frost resistant
- Anti-slip
- Resistant to Staining
- High Modulus
- Resistant to Abrasion
- Thermal shock resistant
- Flexible Body

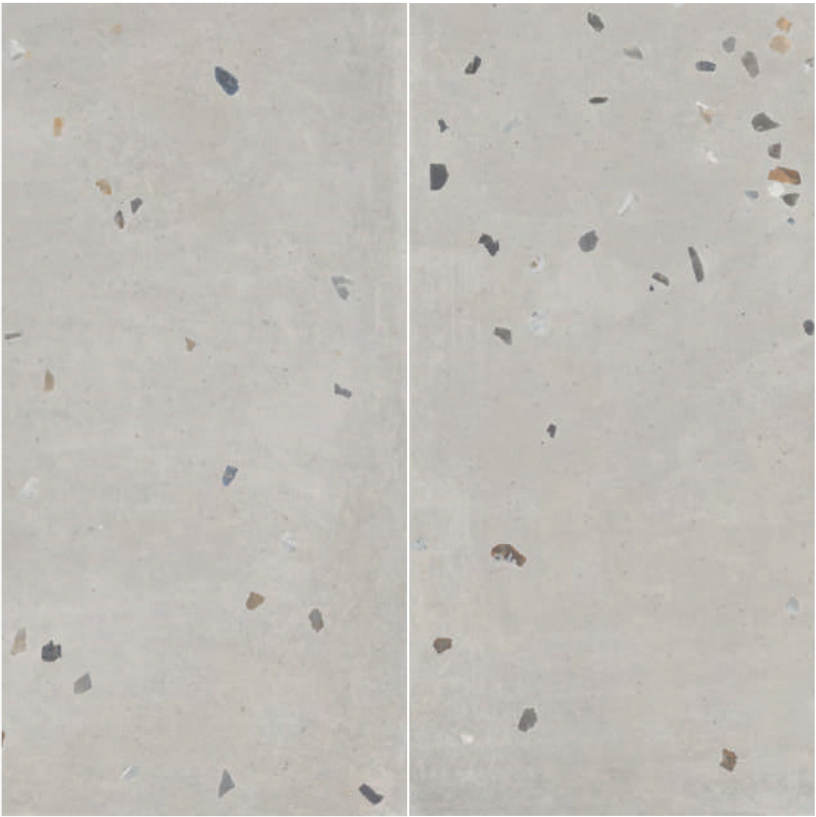


TERRAZZO

ASH



SIZES	RANDOM	FINISH
600X1200MM	2	CARVING



- 

Easy to install
- 

Ecology & Sustainable
- 

Acid resistant
- 

Easy to clean
- 

Impact resistant
- 

Frost resistant
- 

Anti-slip
- 

Resistant to Staining
- 

High Modulus
- 

Resistant to Abrasion
- 

Thermal shock resistant
- 

Flexible Body



TORQUAY  
NATURAL



SIZES	RANDOM	FINISH
600X1200MM	3	CARVING



- Easy to install
- Ecology & Sustainable
- Acid resistant
- Easy to clean
- Impact resistant
- Frost resistant
- Anti-slip
- Resistant to Staining
- High Modulus
- Resistant to Abrasion
- Thermal shock resistant
- Flexible Body



WHITE  
MIRAGE



SIZES	RANDOM	FINISH
600X1200MM	4	CARVING



-  Easy to install
-  Ecology & Sustainable
-  Acid resistant
-  Easy to clean
-  Impact resistant
-  Frost resistant
-  Anti-slip
-  Resistant to Staining
-  High Modulus
-  Resistant to Abrasion
-  Thermal shock resistant
-  Flexible Body



ESLAB INSTALLATION INSTRUCTION

Follow the instruction for better and smooth execution of Emcer eSlab Products.

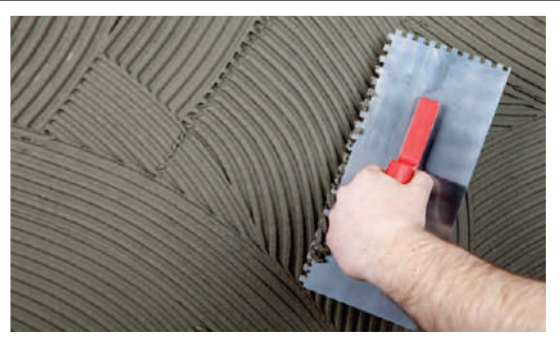


01 SURFACE PREPARATION

Apply cement mortar bedding on the surface and spread the entire mortar evenly. For flattened surface approximately 9mm thick cement mortar bedding is preferred.

02 DRYING PROCESS

The drying time of cement mortar bedding is approximately 48 hours, as it will exceed the contraction and expansion of feature of cement.



03 LAYING PROCESS

Apply approximately 10mm thick tile fixing adhesive on the prepared cement bed, spread the same by using metal comb (12mm) to the entire surface (Refer the image). This feature will allow to be fixed without any air pocket after installation.

The Same Method has to followed for applying the tile fixing adhesive on the back of the slab for 10mm, while holding the slab on its length side. Then, the adhesive has to be combed in the same way as done on the floor.



04 HANDLING

Slab can be properly handled and lifted by Vaccum cups. Vacuum cups are usually used to life glasses, it can be fixed on the surface of polished tile, to lift it to the exact area of the fixing. (May not very effective for satin and matt surfaces.)

Once the slab is laid, the same has to be hammered by soft wooden base hammer to ensure proper laying and fixing.



05 CUTTING AND HANDLING

Use diamond tools which are generally use to cut glasses, for cutting any surface of eSlab. First, a line has to be drawn on the surface pressing the tool considerably to ensure a deep cut mark line and this can be used till the slab is cut deep to the level of 1 to 2mm and then can be cut with a proper cutting tool for cutting the 9mm thick body of the slab. Cutting systems are also available with companies manufacturing such systems.

06 CUTTING AND DRILLING METHODS





ESLAB CARE AND MAINTENANCE

These are the so-called final cleaning operations: this is the most important step, as it influences the results of the subsequent use of the product. Its purpose is to remove any trace or residue of foreign matter from the surface of the slabs. If you have used a cement-based sealant during installation, once the grout has dried, Emcer recommends carrying out the following operations:

- Remove any coarse dirt using a vacuum cleaner;
- Wet the floor with clean water in order to soak and protect the joints against the corrosive action of the detergent;
- Clean using a suitable acid detergent, which can be applied by hand (with a clean cloth) or with a machine (a single-brush machine with medium, non-abrasive bristles or a high-pressure water cleaner);
- Soak up the cleaning solution with a clean cloth or a suitable vacuum cleaner;
- Thoroughly rinse surfaces with clean, warm water to neutralise the action of the detergent;
- Remove any build-up by scraping it off;
- If needed, clean the surface again with the single-brush machine, using a diluted neutral or alkaline detergent, then rinse using clean warm water and dry.
- If an epoxy sealant has been used during installation of the product, given the chemical nature of such product, any remaining residue on the porcelain tile’s surface should be removed before the grout has hardened completely and carefully follow the instructions supplied by the manufacturer.



Technical Specification

Characteristics		Requirement As Per IS 15622 :2017 Table-07 3 < E ≤ 6 Group BIIa	Requirement as per ISO 13006 Annex-J, 3 < E ≤ 6 Group BIIa	Our Value	Test Method		
A	Dimension & Surface Quality	Rectified			EN	IS 13630	ISO 10545
I	Length & Width	±0.10%	±0.3%	± 0.10%	98	Part 1	2
ii	Thickness	± 5.0 %	± 5.0%	± 4.0%			
iii	Straightness of Side	± 0.10%	±0.3%	± 0.10%			
iv	Rectengularity	± 0.10%	±0.3%	± 0.10%			
v	Surface Flatness						
a	Center curvature (%) (max.Deviation)	± 0.5 %	±0.4%	± 0.20%			
b	Edge curvature (%) ( max.Deviation)	± 0.5 %	±0.4%	± 0.20%			
c	Corner warpage (%) ( max.Deviation)	± 0.5 %	±0.4%	± 0.2%			
vi	Surface Quality	Min. 95 % of tiles will be free from visible defects	95 % of tiles will be free from visible defects	95 % of tiles will be free from visible defects			
B	Physical Properties						
I	Water Absorption (%)	Average 3 <E≤6, Individual Maximum 6.2	3<Es 6, Individual max 6.5	3 to 4	99	Part 2	3
ii	Modulus of Rupture [N/mm2]	Avg 22 Individual 20 min	Av 22, Individual 20 min	Min 28	100	Part 6	4
iii	Breaking Strength in N	Min.1000	Not less than 1000	Min. 1100	155	Part 3	10
iv	Moisture Expansion in mm/m	0.03 mm/M max	N.A	0.02	101	Part 13	
v	Scratch Hardness of surface (Mohs)	Min 4	N.A	6 (commercial ), 5 (Home) polished 3	154	Part 12	6
vi	Resistance to Deep Abrasion of unglazed tiles	N.A	N.A	N.A	154	Part 11	7
vii	Resistance to Abrasion of glazed tiles( Class I to V )	Commercial application Min IV, Home Application Min II	Report Abrasion Class & Cycle Passed	Depends on Glaze surface, Glossy polish PEI III,	103	Part 4	8
viii	Coefficient of linear thermal expansion from embiant temperature to 100 0 C	9 X10 <sup>-6</sup> K <sup>-1</sup> max	Test Method Available	7 X10 <sup>-6</sup> K <sup>-1</sup> max	104	Part 5	9
ix	Thermal Shock Resistance	10 cycle min	Test Method Available	Passed 10 Cycle	104	Part 9	11
x	Crazing Resistance	4 cycle @ 7.5bar min	Required	Passed 4 Cycle	202	Part 10	12
xi	Forst resistance	Required , if agreed	Test Method Available	Resistance	99	Part 2	
xii	Bulk Density	N.A	N.A	N.A		Part 14	5
xiii	Impact resistance	N.A	Test Method Available	N.A			
C	Chemical Resistance (glazed Tiles)						
I	Stain Resistance	Min Class-1	Min Class-3	Min Class-1 & 2 For Polish		Part 8	13 / 14
ii	Resistance to household chemicals	Min Class AA	Min Class B	Min Class AA			
iii	Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Required if agreed	Manufacturer to state classification	Min Class AA			

Packing Detail

SIZE (in mm)	THICKNESS APPROX	PIECES / PER BOX	COVERAGE AREA IN SQ. FT	BOX WEIGHT ( APPROX. )
600X1200MM	8.5MM	2	15.50	28 KGS.

**NOTE:** Colour Shown are as accurate as the limitations of the printing process will allow. Prospective Customer are advised to inspect a sample of tiles before ordering. every effort has been made to ensure the accuracy of the information given. However, the Company research the right to change the specifications Without prior notice. Sometimes variations in shade or size being inherent to ceramic industry may occur. Before fixing, we advice you to follow the fixing Instruction on the cartons of the tiles as no responsibility can be accepted by the once the tiles have been fixed.