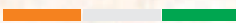
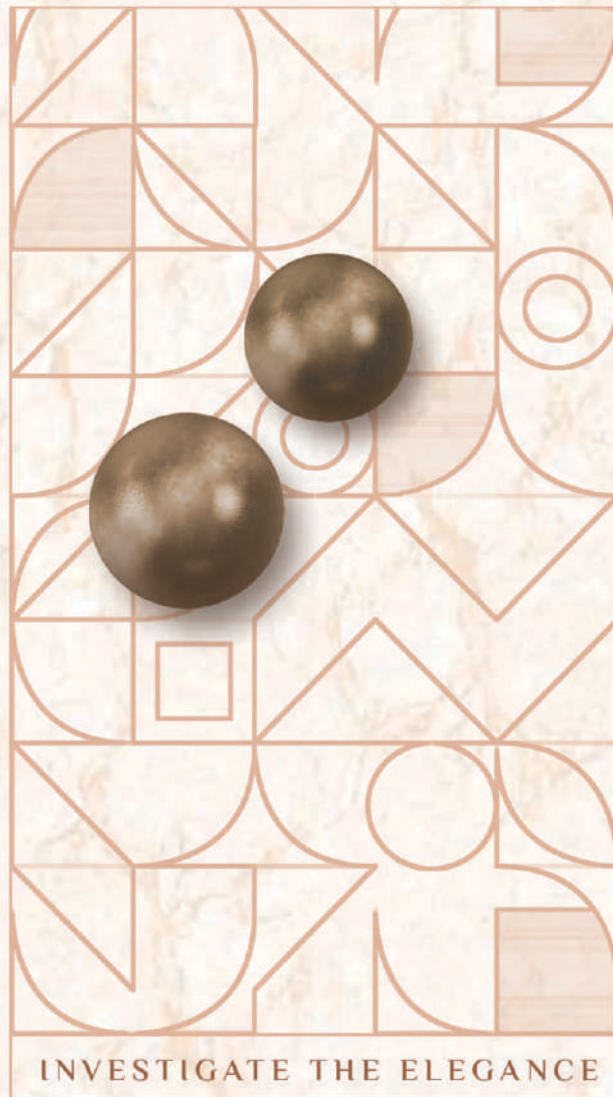


MARBOGRESS

SELF COLOURED SURFACES 



THE ARTS

DC COLLECTION



About Our **Double Charge** Collection

Elevate your space with our exquisite Double Charge Tiles Collection, where beauty meets durability in every tile. Designed to withstand the test of time while adding a touch of sophistication to any room, these tiles are the epitome of style and functionality.








Our Double Charge Tiles are crafted using a special manufacturing process where two layers of pigment are fused onto a single tile, ensuring superior durability and resistance to wear and tear. Perfect for high-traffic areas such as hallways, commercial spaces, and residential floors, these tiles are built to last without compromising on aesthetics.

With a wide range of colors, patterns, and finishes to choose from, our collection offers endless design possibilities to suit any style or aesthetic preference. From sleek and modern to timeless and traditional, our Double Charge Tiles effortlessly complement any interior design scheme.

DC Tiles **Features**

-  Resistance to Deep Abrasion
-  Easy to Install
-  Resists Harsh Weather Conditions
-  Resists Water
-  Stain Resistance
-  Hygienic
-  Resistance to Thermal Shocks
-  Lightweight and Easy to Handle
-  Resistance to Acids and Bases
-  Eco-Friendly
-  Easy Cleaning
-  Resists Fire

DC Tiles **Applications**

-  Reception
-  Kitchen
-  Living Room
-  Sallon & Spa
-  Offices
-  Restaurants & Hotel
-  Bathroom
-  Showroom
-  Gymnasium



Tiles
1001

Surface
Glossy

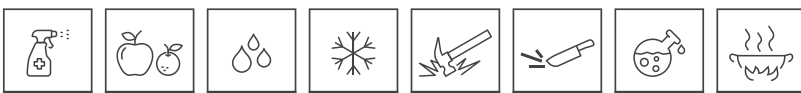
Composition
1 Pcs.

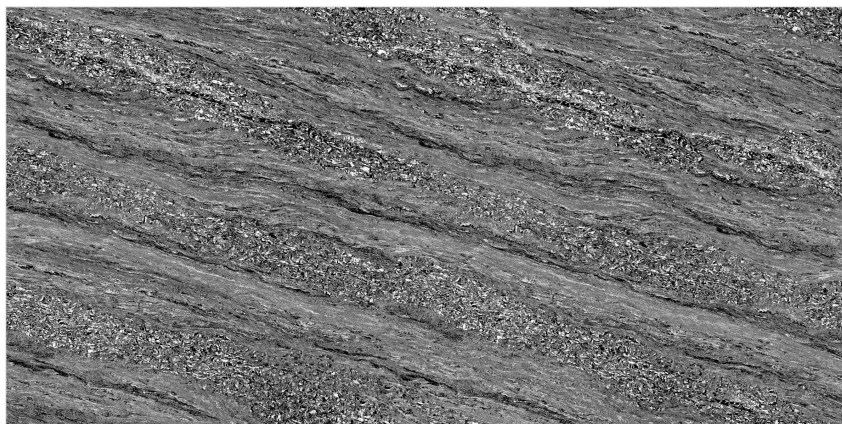


Tiles
1002

Surface
Glossy

Composition
1 Pcs.





Tiles
1003

Surface
Glossy

Composition
1 Pcs.

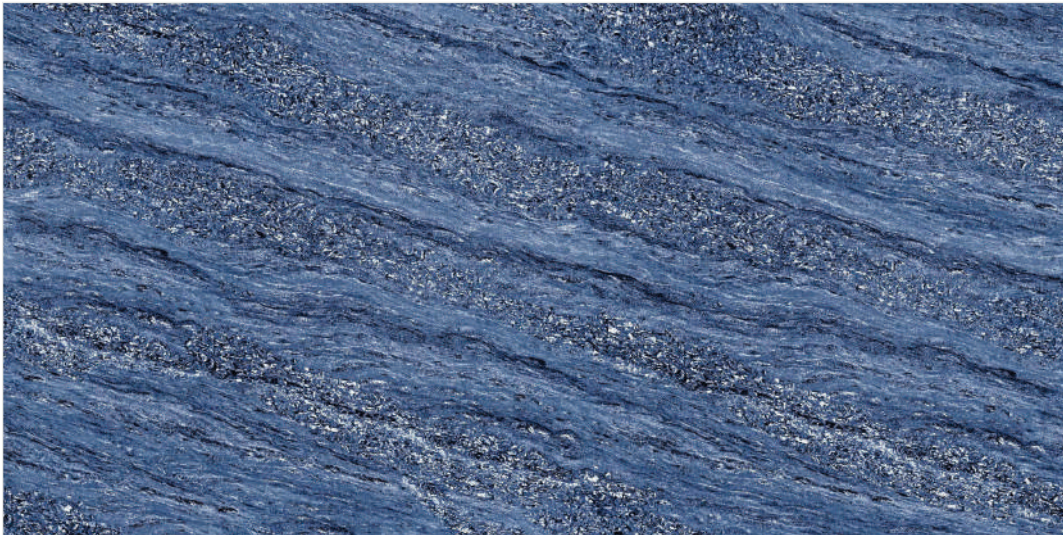




Tiles
1004

Surface
Glossy

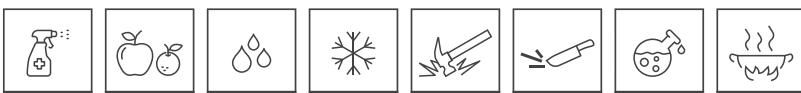
Composition
1 Pcs.



Tiles
1005

Surface
Glossy

Composition
1 Pcs.





Tiles
1006

Surface
Glossy

Composition
1 Pcs.

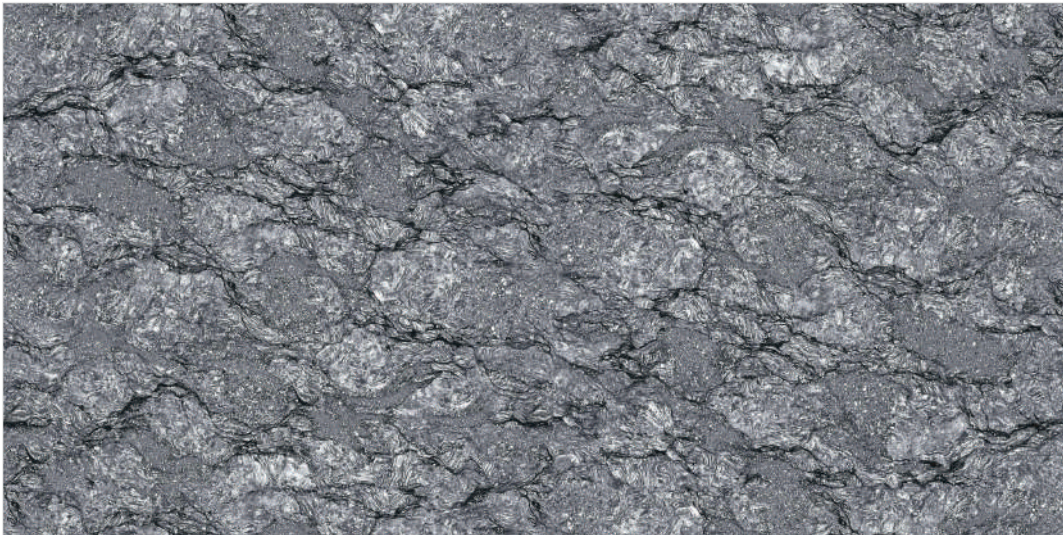




Tiles
1007

Surface
Glossy

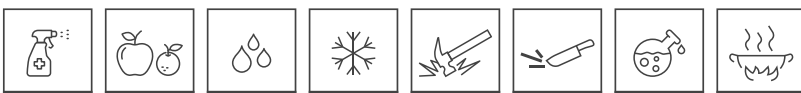
Composition
1 Pcs.



Tiles
1008

Surface
Glossy

Composition
1 Pcs.







Tiles
1009

Surface
Glossy

Composition
1 Pcs.



Tiles
1010

Surface
Glossy

Composition
1 Pcs.





Tiles
1011

Surface
Glossy

Composition
1 Pcs.





Tiles
1012

Surface
Glossy

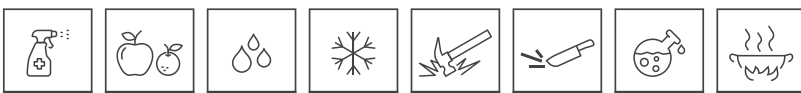
Composition
1 Pcs.



Tiles
1013

Surface
Glossy

Composition
1 Pcs.





Tiles
1014

Surface
Glossy

Composition
1 Pcs.



Tiles
1015

Surface
Glossy

Composition
1 Pcs.



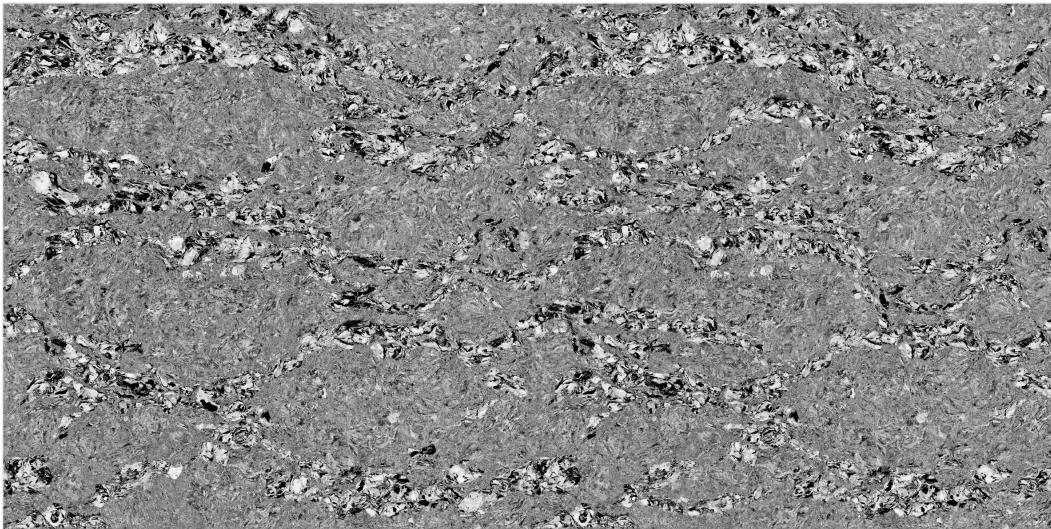




Tiles
1016

Surface
Glossy

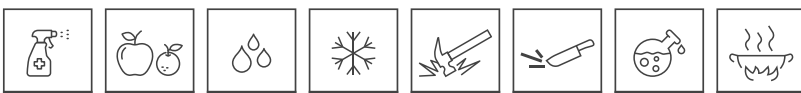
Composition
1 Pcs.



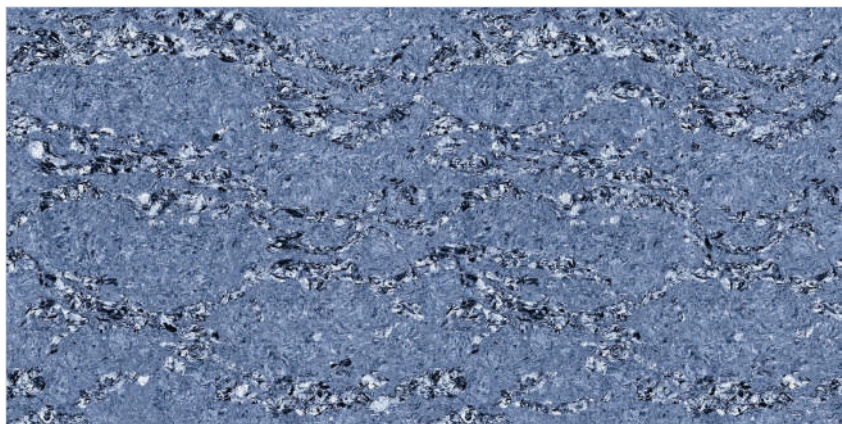
Tiles
1018

Surface
Glossy

Composition
1 Pcs.



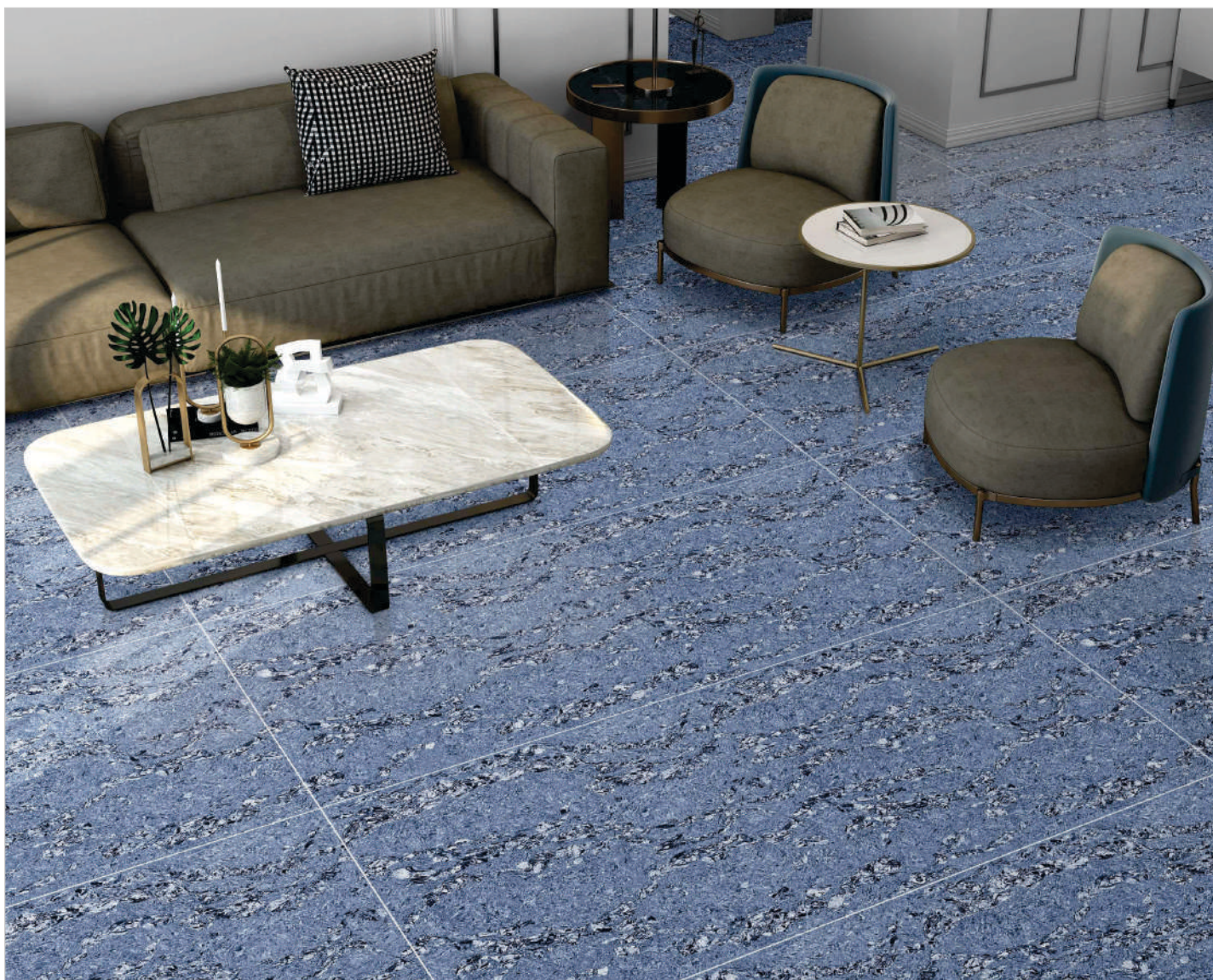




Tiles
1020

Surface
Glossy

Composition
1 Pcs.





Tiles
1021

Surface
Glossy

Composition
1 Pcs.



Tiles
1022

Surface
Glossy

Composition
1 Pcs.





Tiles
1023

Surface
Glossy

Composition
1 Pcs.





Tiles
1024

Surface
Glossy

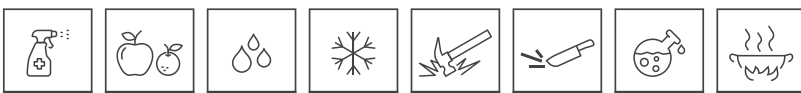
Composition
1 Pcs.

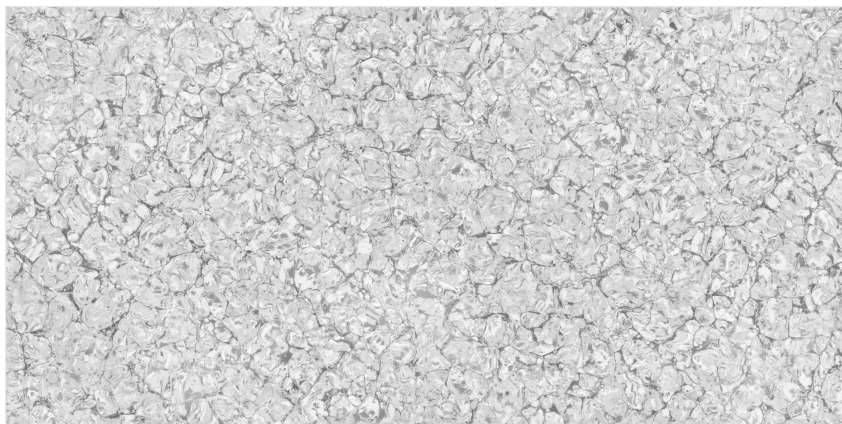


Tiles
1025

Surface
Glossy

Composition
1 Pcs.





Tiles
1027

Surface
Glossy

Composition
1 Pcs.





Tiles
1028

Surface
Glossy

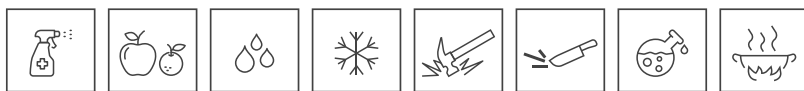
Composition
1 Pcs.



Tiles
1029

Surface
Glossy

Composition
1 Pcs.



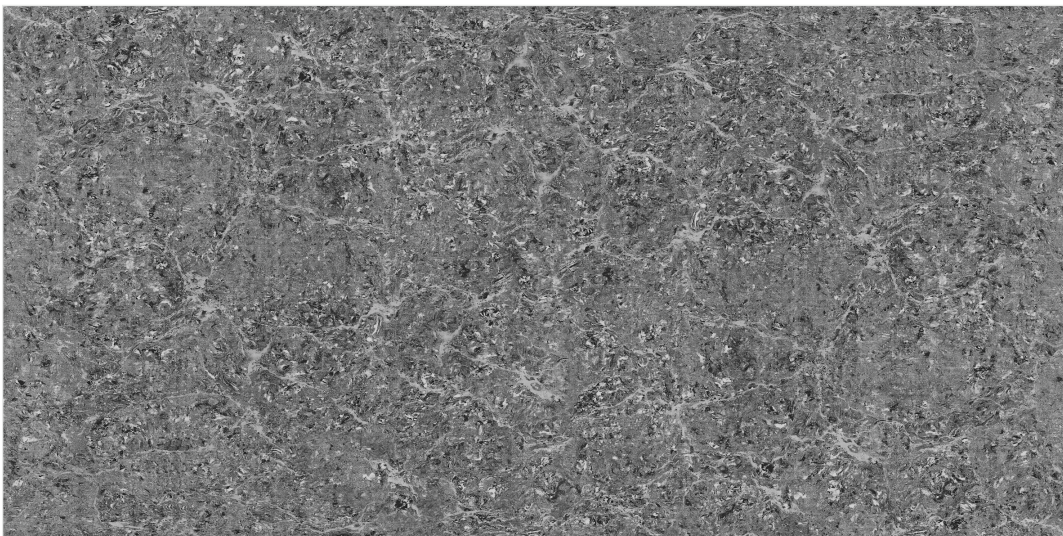




Tiles
1030

Surface
Glossy

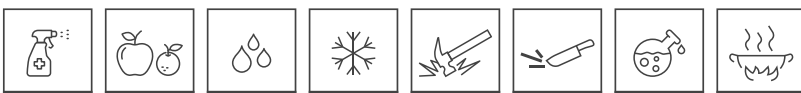
Composition
1 Pcs.



Tiles
1031

Surface
Glossy

Composition
1 Pcs.



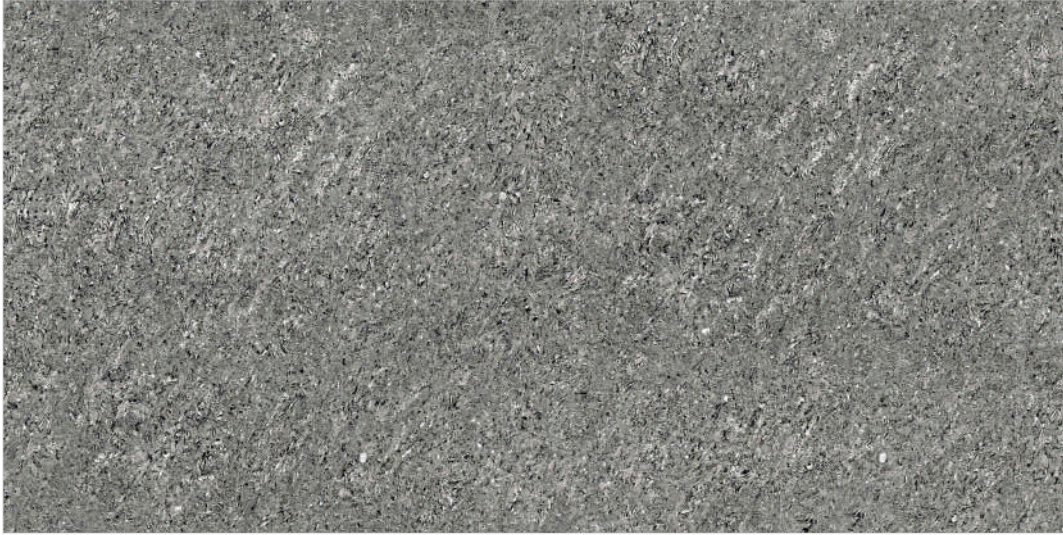


Tiles
1032

Surface
Glossy

Composition
1 Pcs.





Tiles
1033

Surface
Glossy

Composition
1 Pcs.

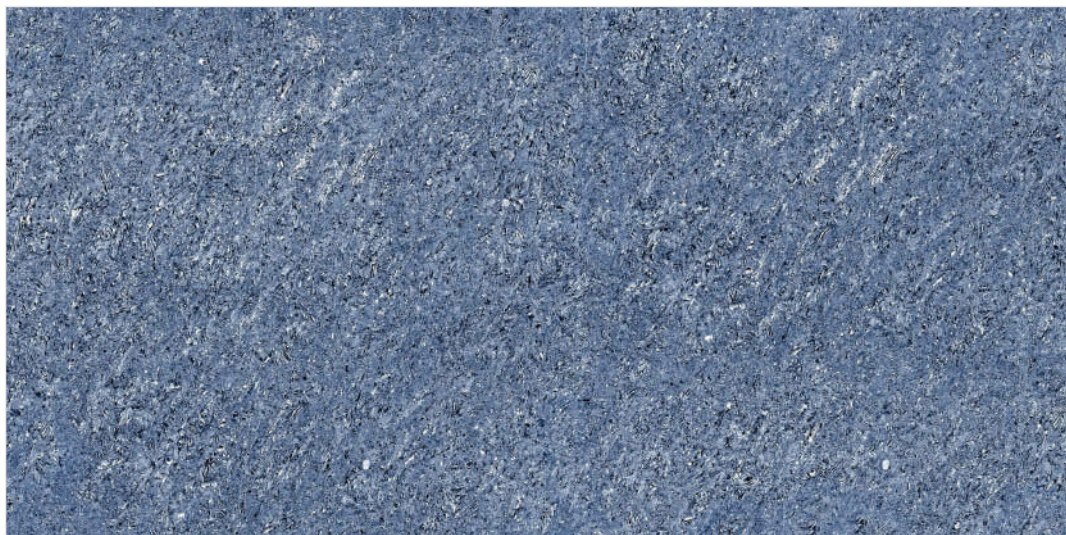


Tiles
1034

Surface
Glossy

Composition
1 Pcs.





Tiles

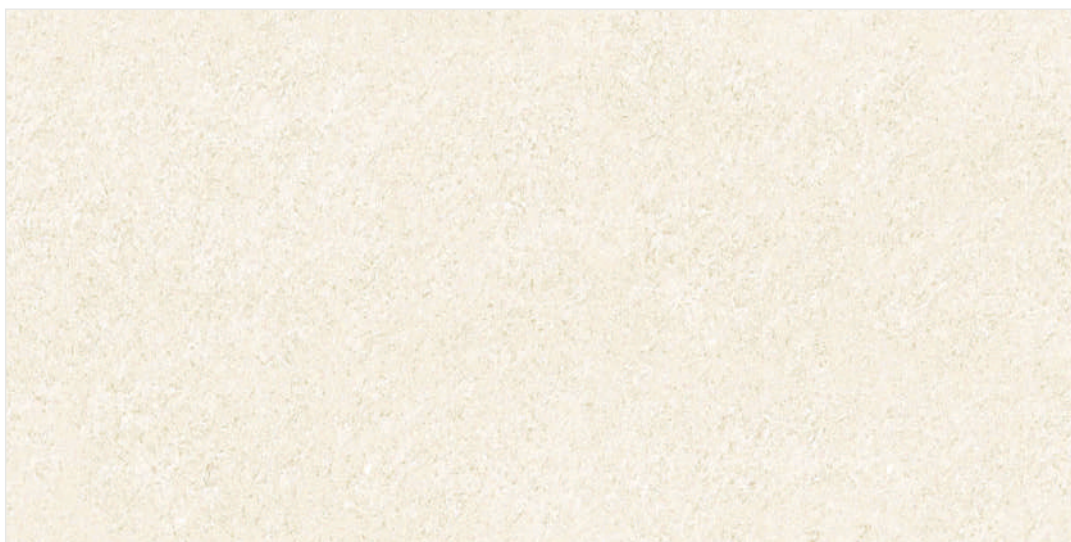
1035

Surface

Glossy

Composition

1 Pcs.



Tiles

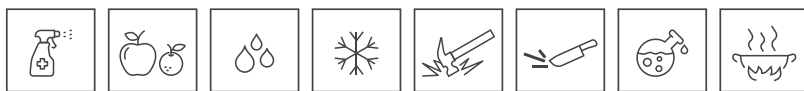
1036

Surface

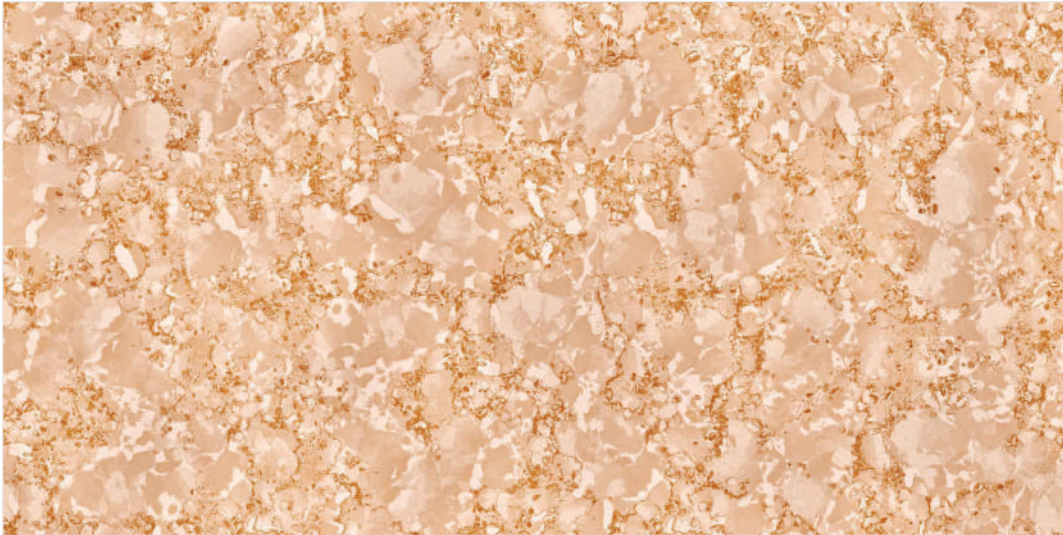
Glossy

Composition

1 Pcs.







Tiles
1037

Surface
Glossy

Composition
1 Pcs.

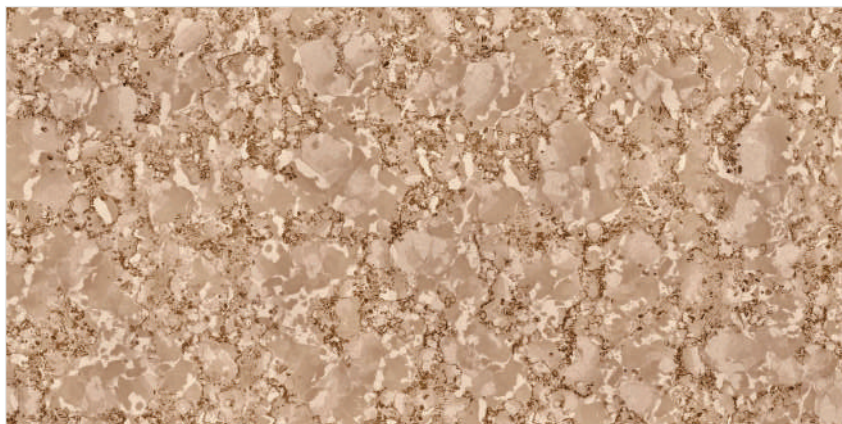


Tiles
1038

Surface
Glossy

Composition
1 Pcs.



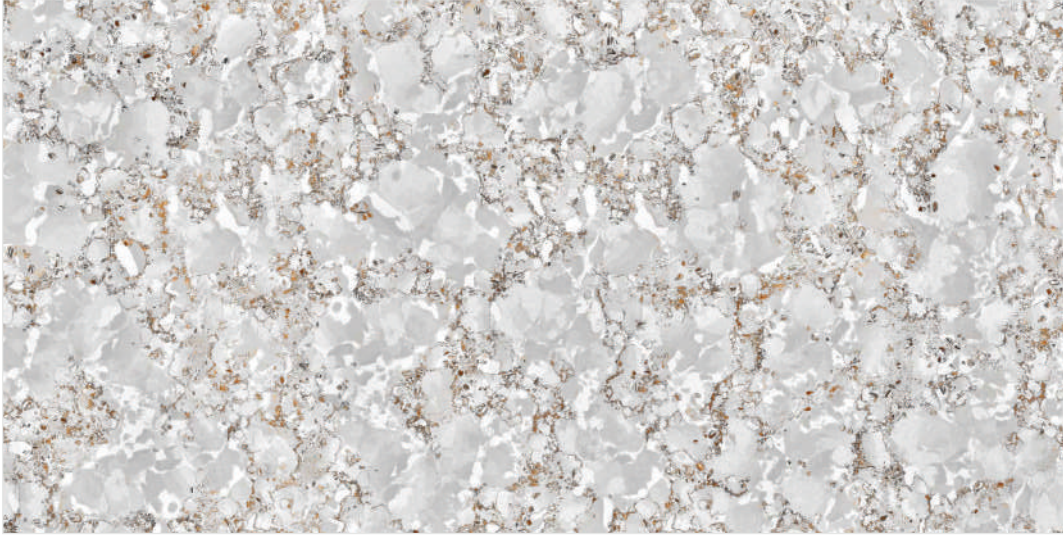


Tiles
1039

Surface
Glossy

Composition
1 Pcs.





Tiles
1040

Surface
Glossy

Composition
1 Pcs.



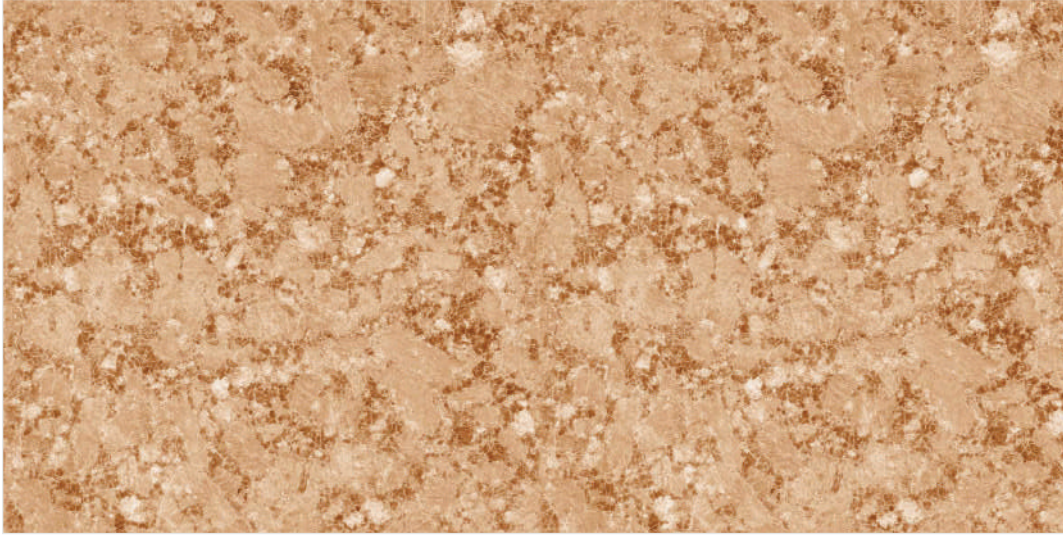
Tiles
1041

Surface
Glossy

Composition
1 Pcs.



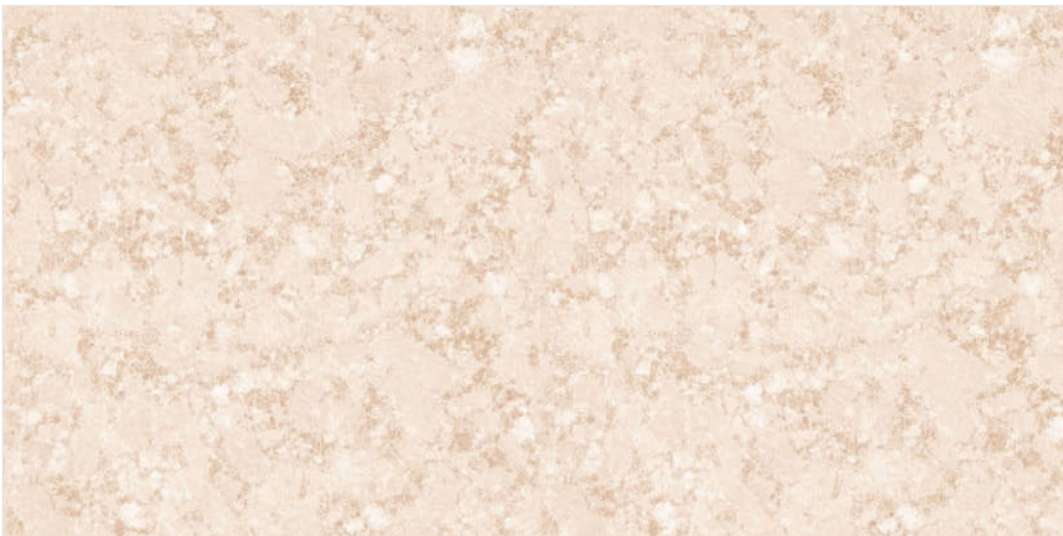




Tiles
1042

Surface
Glossy

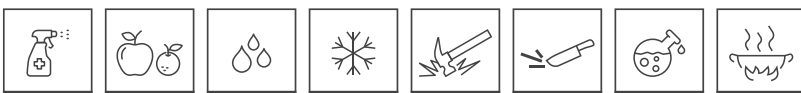
Composition
1 Pcs.

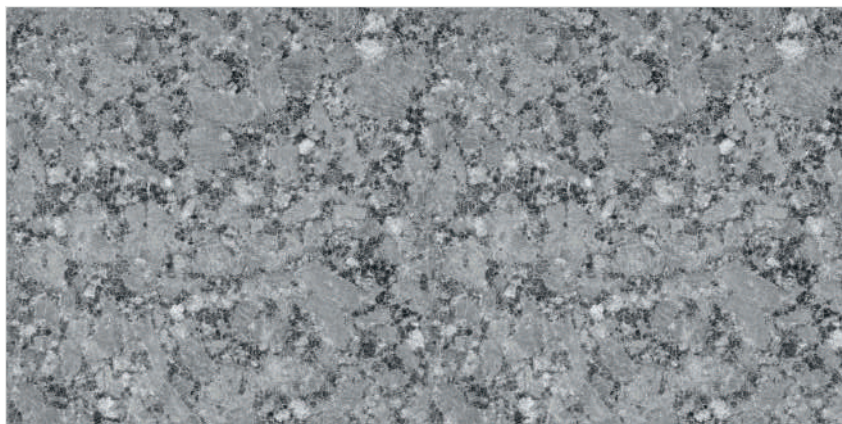


Tiles
1043

Surface
Glossy

Composition
1 Pcs.



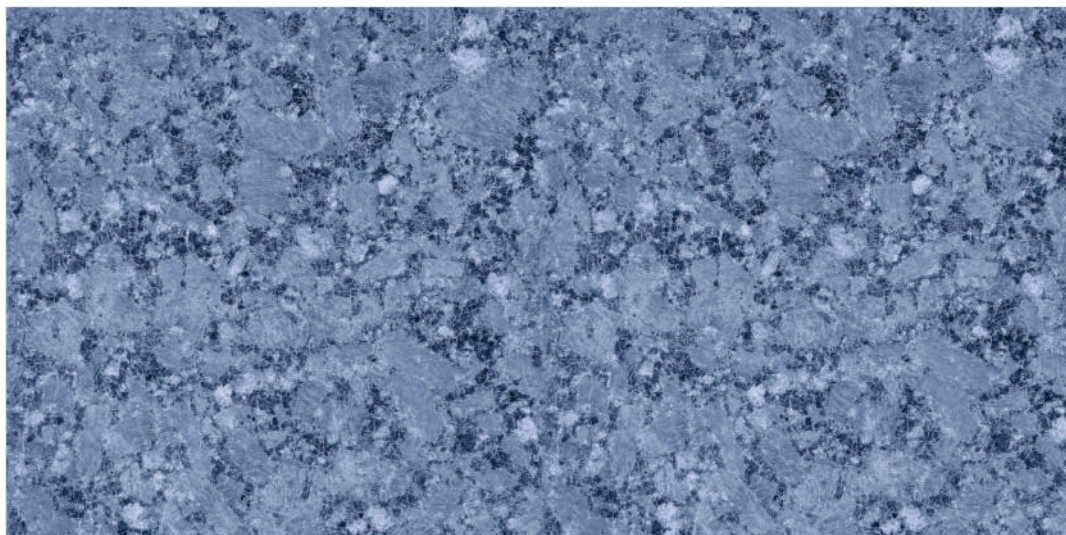


Tiles
1044

Surface
Glossy

Composition
1 Pcs.

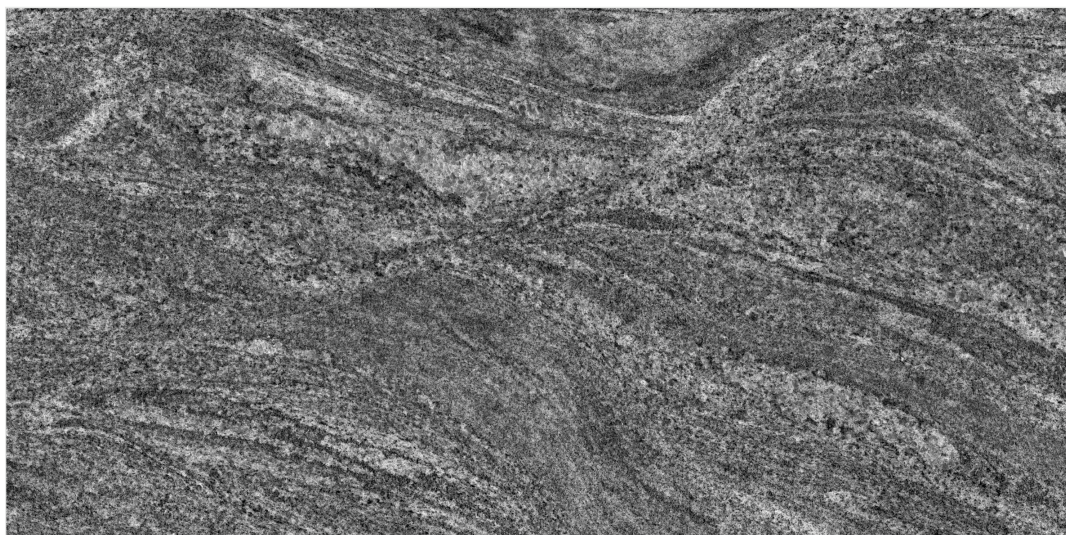




Tiles
1046

Surface
Glossy

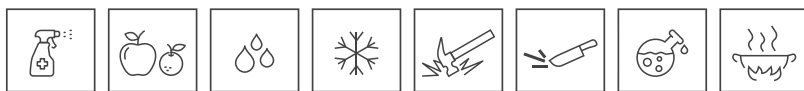
Composition
1 Pcs.

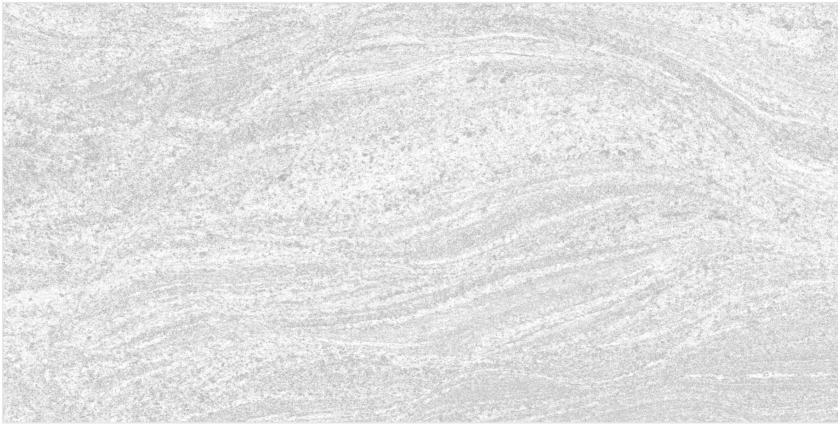


Tiles
1047

Surface
Glossy

Composition
1 Pcs.





Tiles
1048

Surface
Glossy

Composition
1 Pcs.





Tiles
1049

Surface
Glossy

Composition
1 Pcs.

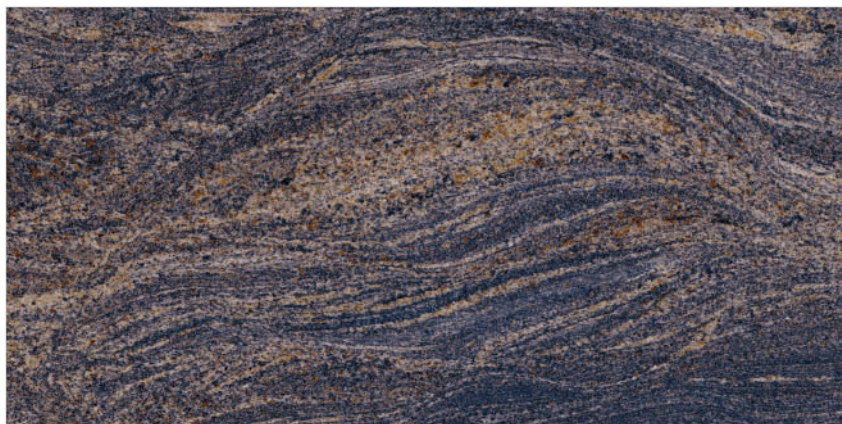


Tiles
1050

Surface
Glossy

Composition
1 Pcs.



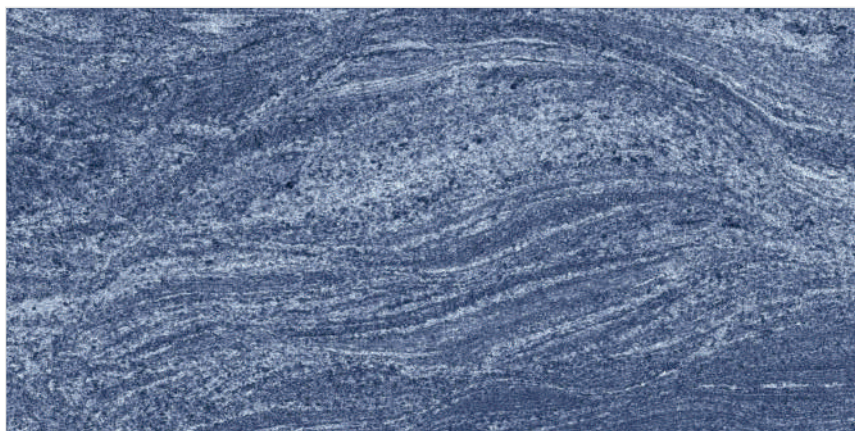


Tiles
1051

Surface
Glossy

Composition
1 Pcs.





Tiles
1053

Surface
Glossy

Composition
1 Pcs.



TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO 13006:2018/ EN14411 Gr.Bla	MEAN VALUE	TEST METHOD
Regulatory Properties			
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 < 1.00	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/Posh)	as per mfg.	7° < GLOSS < 18°	Glossmeter 60°
Structural Properties			
Water absorption	0.50 % ≤ Ev ≤ 3.00 %	0.060 % ≤ Ev ≤ 3.00 %	ISO 10545-3
Bulk density	as per mfg.	> 2.28 gm/cc	ISO 10545-3
Massive Mechanical Properties			
Modulus of rupture	Min. 30.0 N/mm ²	Min. 35.0 N/mm ²	ISO 10545-4
Breaking strength thickness ≥ 7.5	Min. 700.0 N	Min. 1000.0 N	ISO 10545-4
Breaking strength thickness ≥ 7.5	Min. 1100.0 N	Min. 1300.0 N	ISO 10545-4
Breaking strength thickness ≥ 7.5 (For ≥ 15mm)	Min. 1100.0 N	Min. 1800.0 N	ISO 10545-4
Surface Mechanical Properties			
MOH'S hardness	as per mfg.	Polished Min 4* / Satin, Posh & Matt Min 6	BS EN 15771
Surface abrasion resistance	as per mfg.	Polish Min. Class 2, Satin & Posh Min. Class 3, & Matt Min. Class 4	ISO 10545-7
Deep abrasion resistance	Max. 175mm ³	Max. 132mm ³	ISO 10545-6
Thermal Hydrometric Properties			
Moisture expansion	Max. 0.06%(0.6mm/m)	0.02mm/m	ISO 10545-10
Thermal expansion(COE) at 100°C	as per mfg.	Max. 6.0 x 10 ⁻⁶	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
Chemical Properties			
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
Safety Properties			
Skid resistance (COF-WET PENDULAM)##	as per mfg.	Glossy P0(<12), Satin, Posh ≥ 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)

THANK YOU



MARBOGRESS
SELF COLOURED SURFACES

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