



Swell
Global Company

www.swellglobalcompany.com



Exceeding The Limits To Always Get The Best

HIGH GLOSS
COLLECTIONS

800x1600 MM



CONNECTING THE VALUE OF SLAB



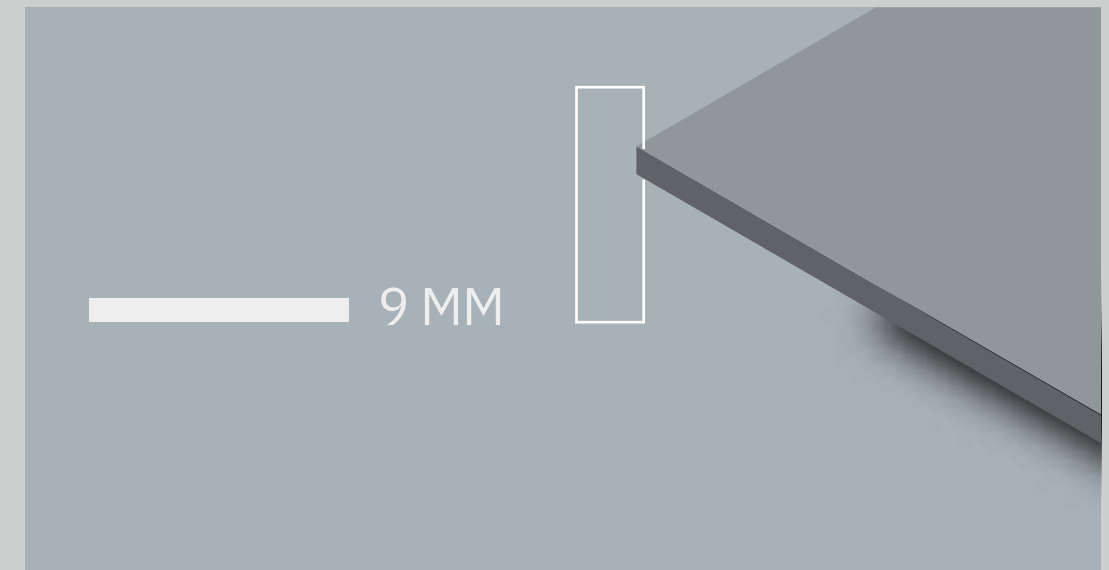
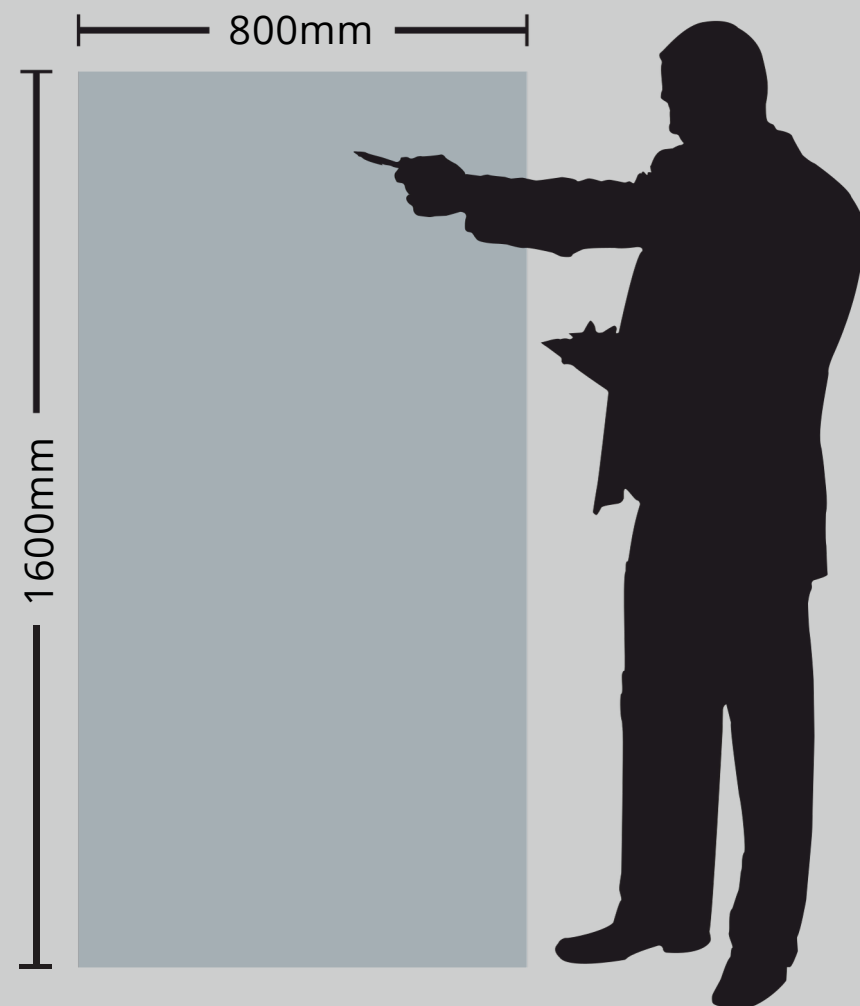
CONTINUA+ is the most efficient, highest-productivity technology for the accurately managed manufacture of porcelain slabs and tiles, also producible with traditional bodies. The slabs are, in fact, formed without using a traditional press or mould, ensuring maximum flexibility in terms of size and thickness.



CONTINUA+ seamlessly integrates the powder forming phase and subsequent digital decoration. The key strengths of this exclusive process are high quality texturing and unrivalled surface shine.

PRODUCT

Formats



The thicknesses are one of the most important elements characterizing.

9 mm is set aside for the most demanding product applications such as wall & floor.

APPLICATION Areas

AIRPORT



STAIRCASE



INDUSTRIES



GYMNASIUMS



HOTELS



CORRIDORS HALLS



SCHOOLS



SUPER MARKET



OFFICE



TECHNICAL Features

LIGHTWEIGHT



WATERPROOF



RESISTANT TO SCRATCHES



RESISTANT TO HIGH
TEMPERATURES



EASY TO CLEAN



RESISTANT TO BENDING



100% NATURAL



RECYCLABLE



HYGIENIC



RESISTANT TO UV RAYS





BLACK GRENITE

Random Face 4

FINISH
HIGH GLOSSDARK

SIZE
800x1600 MM

THICKNESS
9 MM



BLACK RIVER

Random Face 3

FINISH

HIGH GLOSSBLACK

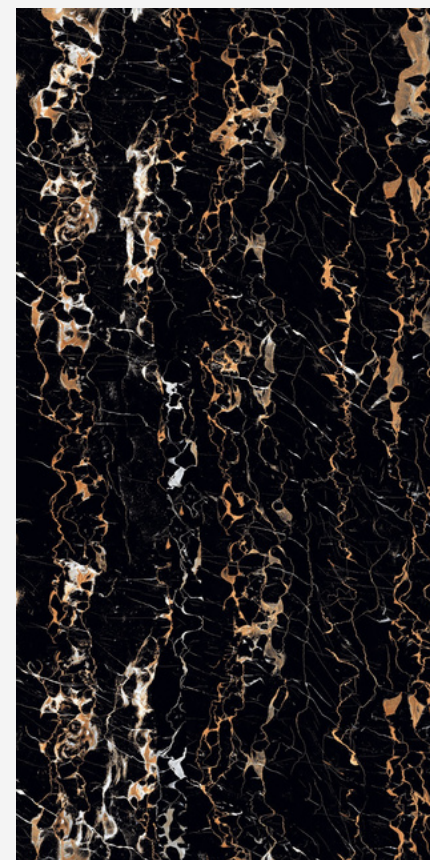
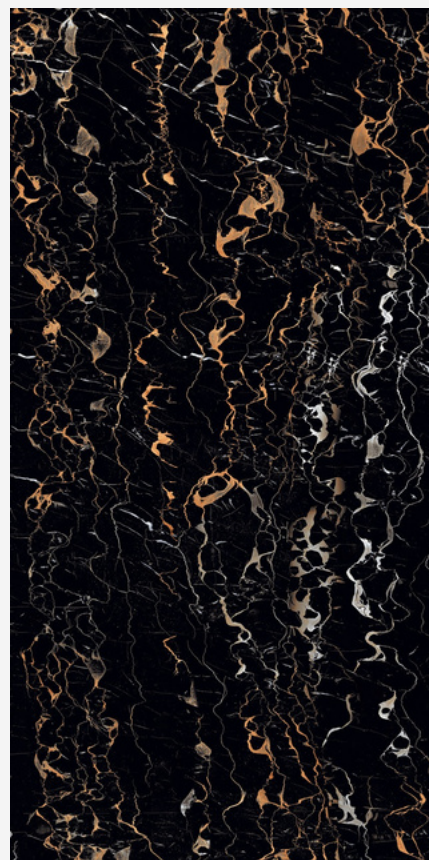
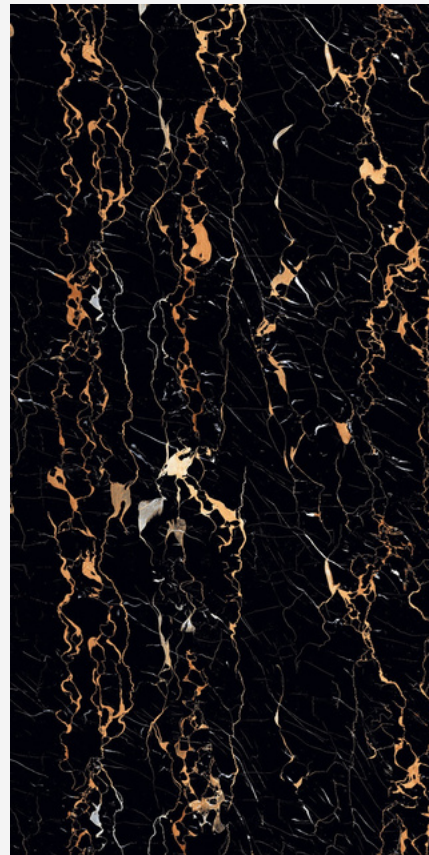
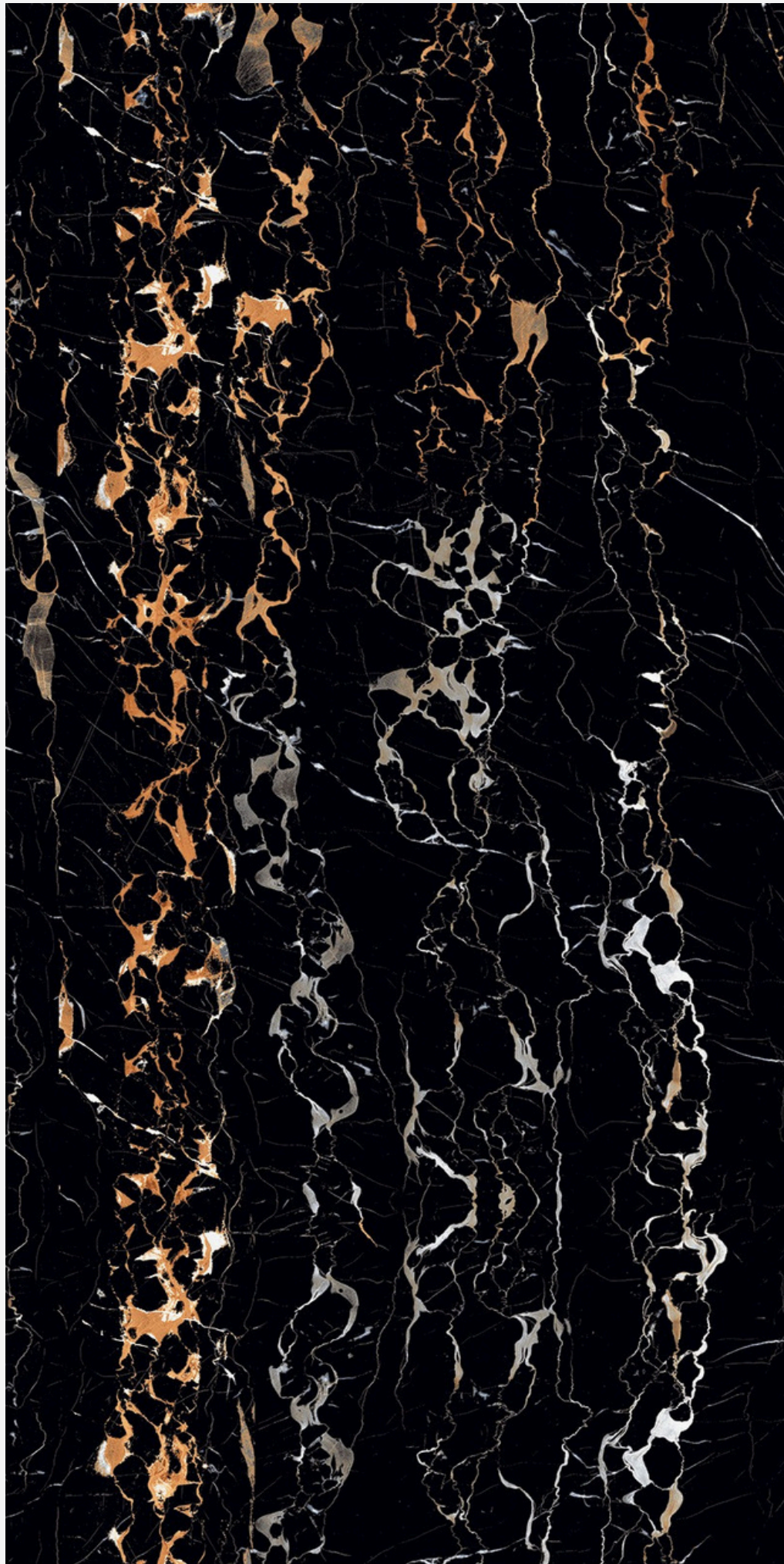
SIZE

800X1600 MM

THICKNESS

9MM





GOLDEN PORTORO

Random Face 4

FINISH

HIGH GLOSSBLACK

SIZE

800X1600 MM

THICKNESS

9MM



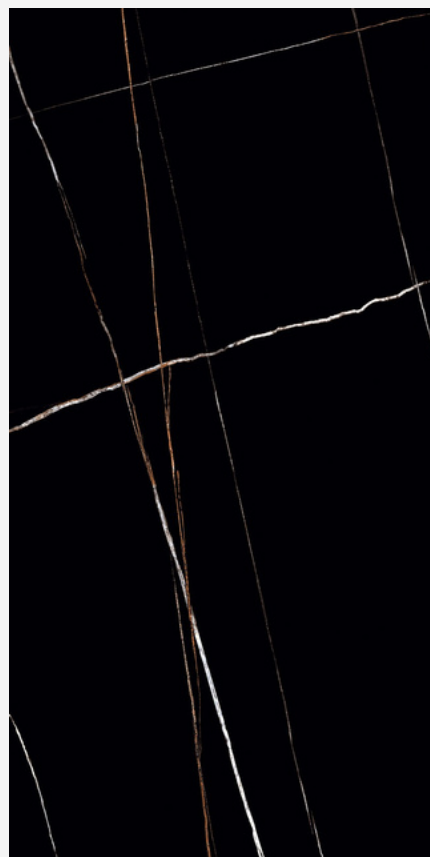
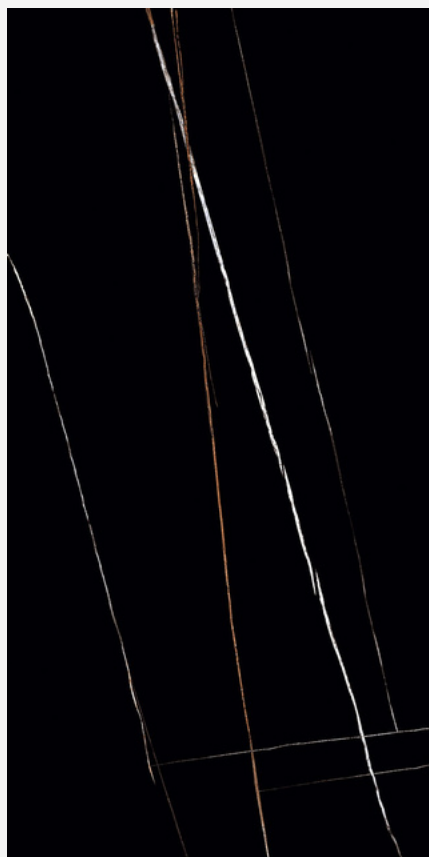
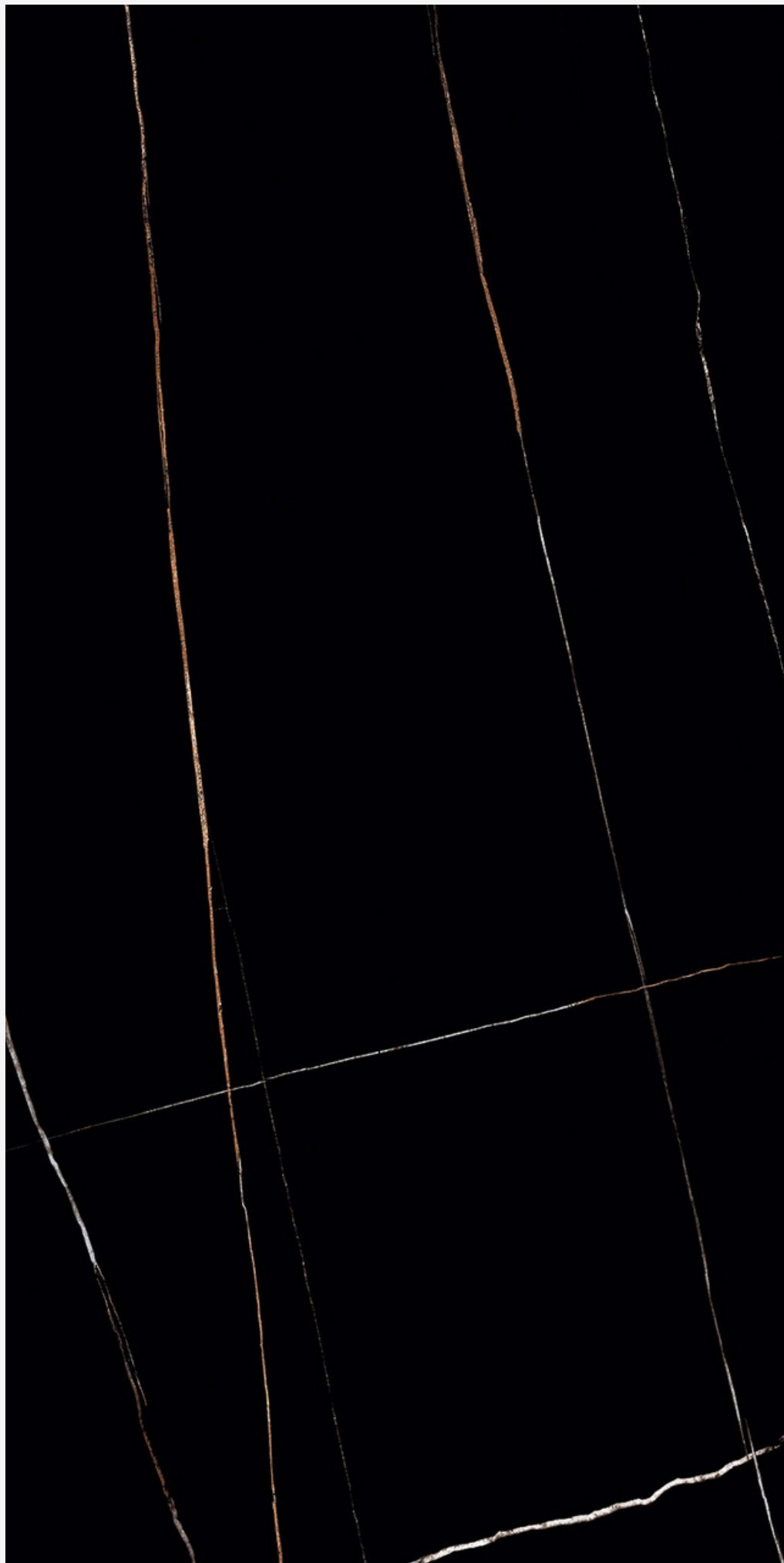
MARID NATURAL

Random Face 4

FINISH
HIGH GLOSS**DARK**

SIZE
800x1600 MM

THICKNESS
9 MM



SAINT LAURENT

Random Face 3

FINISH

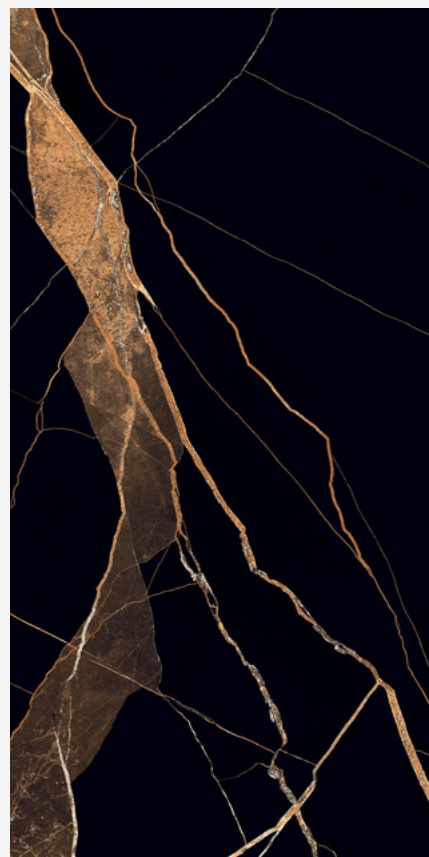
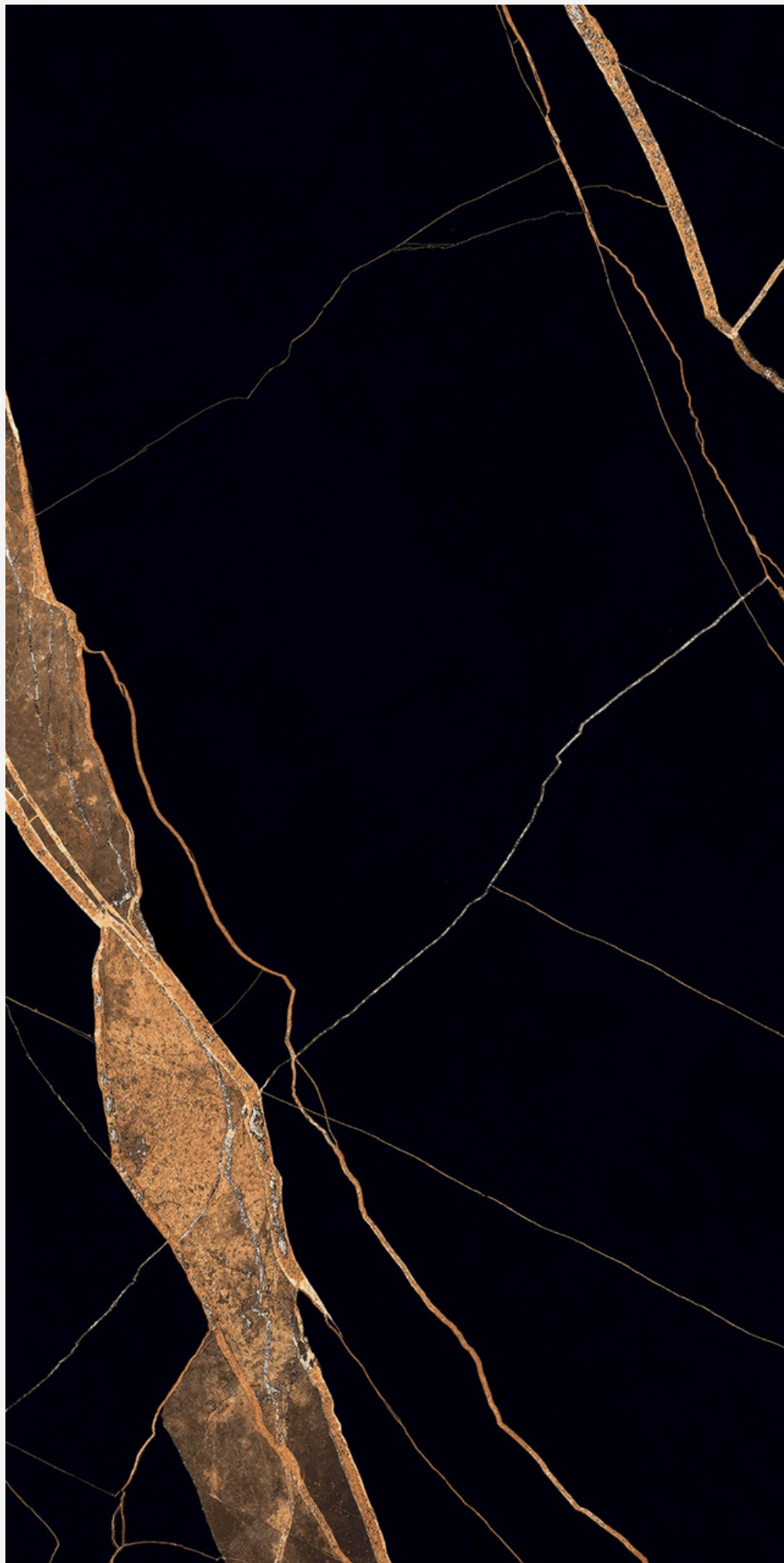
HIGH GLOSSBLACK

SIZE

800X1600 MM

THICKNESS

9MM



SATA ROYAL

Random Face 3

FINISH

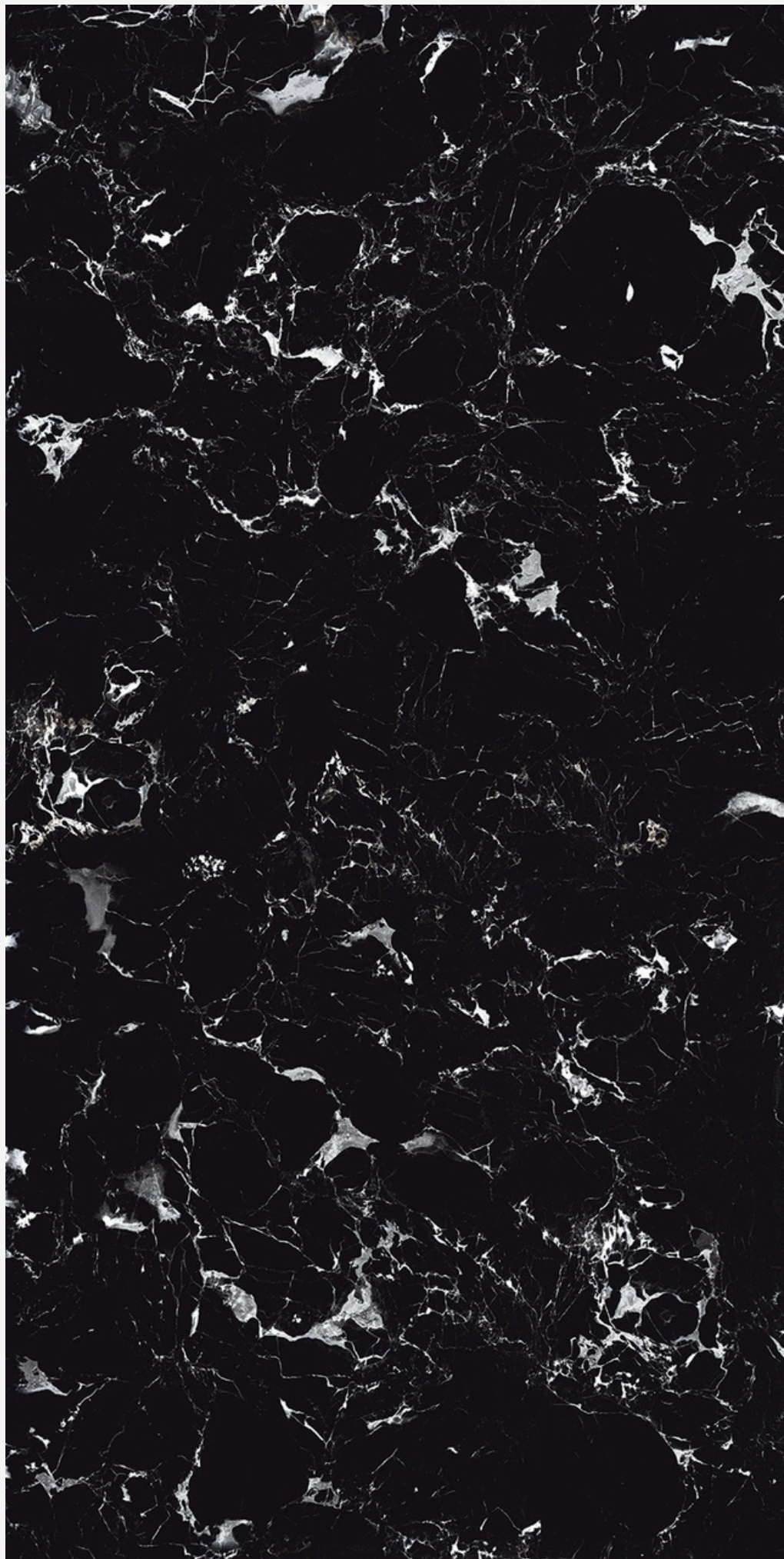
HIGH GLOSSBLACK

SIZE

800X1600 MM

THICKNESS

9MM



SILVER PORTORO

Random Face 2

FINISH

HIGH GLOSSBLACK

SIZE

800X1600 MM

THICKNESS

9MM

Cleaning & Maintenance

Our products are non porous (due to their high quality raw materials, stringent production parameters and state of the art technology), hence any dust or deposited waste cannot penetrate the surface.

For most cases only a damp cloth is sufficient for cleaning.

Regular cleaning highlights the aesthetic features of the surface and gives it exceptional shine.

For highly aggressive cleaning caused by some common food and substances follow the table below.

TYPE OF STAIN	CHEMICAL PRODUCT	EXAMPLE
Grease	Alkaline - Solvent	Detergent Ammonia, Backing Soda
Oil	Solvent Oxidant -	Alcohol, Liquid Bleach, Nail Paint Remover
Ink	Solvent Acid Acid	Hydrochloric Acid, Vinegar, Red Harpic
Rust	Acid Alkaline	Descaling Reagent, Hydro Chloric Acid
Lime	Alkaline - Solvent	Hydro Chloric Acid Ammonia, Liquid
Cement	Solvent Acid	Bleach Ammonia, Liquid Bleach Alcohol,
Wine	Solvent Oxidant	Thinner Hydro Chloric Acid Alcohol,
Coffee	Oxidant Alkaline	Thinner Liquid Bleach Liquid Bleach Liquid
Rubber		Bleach
Plaster		
Candle Wax		
Iodine		
Blood		
Ice Cream		

Note: It is recommended that any kind of stain needs to get clean immediately / as soon as possible.

Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	MEAN VALUE	TEST METHOD
Regulatory Properties Deviation in			
Length and Width	± 0.30 % (±1.00mm)	± 0.10 % ± 5.00 % ±	ISO 10545-2
Deviation in Thickness	± 5.00 % (±0.50mm)	0.10 % ± 0.10% ±	ISO 10545-2
Straightness in Side	± 0.30 % (±0.80mm)	0.50 % ± 0.50 % ±	ISO 10545-2
Rectangularity	± 0.30 % (±1.50mm)	0.50 % >95%	ISO 10545-2
Surface Flatness Central Curvature	± 0.40 % (±1.80mm)	deects free ΔE <	ISO 10545-2
Surface Flatness Edge Curvature	± 0.40 % (±1.80mm)	0.30 Gloss Value>	ISO 10545-2
Surface Flatness Warpage	± 0.40 % (±1.80mm)	90 3 <Gloss	ISO 10545-2
Surface Quality	>95% deects free ΔE	Value<7 7<Gloss	ISO 10545-2
Small Color Difference(for Plain Colour)	< 1.00 as per mfg. as	Value<18	ISO 10545-16
Glossiness (Polished)	per mfg. as per mfg.		Gloss Meter 60°
Glossiness (Matt)			Gloss Meter 60°
Glossiness (Satin/Posh)			Gloss Meter 60°
Structural Properties Water absorption			
Bulk density Massive Mechanical	≤ 0.50 %	≤ 0.060 %	ISO 10545-3
Properties Modulus of rupture Breaking	as per mfg.	Min. 2.28 g/cc	ISO 10545-3
strength thickness <7.5 Breaking			
strength thickness ≥7.5 Breaking	Min. 35.0 N/mm²	Min. 42.0 N/mm²	ISO 10545-4
strength thickness ≥(175.5mm)	Min. 700.0 N	Min. 1000.0 N	ISO 10545-4
Surface Mechanical Properties	Min. 1300.0 N	Min. 1800.0 N	ISO 10545-4
MOH'S hardness #	Min. 1300.0 N	Min. 7500.0 N	ISO 10545-4
Surface abrasion resistance #			
Deep abrasion resistance #	as per mfg.	Glossy Min. 4*/ Posh Min. 6	BS EN 15771
Thermal Hydrometric Properties	as per mfg.	Glossy Min. 2/ Posh Min. 3	ISO 10545-7
Moisture expansion	Max.	Max. 132mm3	ISO 10545-6
Thermal expansion(COE) at 100°C	175m3m		
Thermal shock resistance			
Impact resistance(COR) #	Max. 0.06%(0.6mm/m)	Max. 0.02mm/m	ISO 10545-10
Frost resistance	as per mfg.	Max. 6.0 x 1-06	ISO 10545-8
Chemical Properties	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9
Resistance to staining glazed	Min. 0.55	Min. 0.55	ISO 10545-5
Resistance to household chemicals & swimming pool salts glazed	as per mfg.	Frost Proof	ISO 10545-12
Resistance to low concentrate acid and alkalis glazed	Min. Class 3	Min. Class 4	ISO 10545-14
Resistance to high concentrate acid and alkalis glazed	Min. Class GB	Min. Class GA	ISO 10545-13
Safety Properties	as per mfg.	Min. Class GLB**	ISO 10545-13
Skid resistance(DCOF-DRY) ##	as per mfg.	Min. Class GHB**	ISO 10545-13
Slip resistance(DCOF)(R value) ##			
Fire resistance			
	as per mfg.	Glossy P0(<¹²) / Posh ≥P¹(¹²-²4)	BS 7976-2
	as per mfg.	R9 to R¹³	DIN 51130
	as per mfg.	Fire Proof	N.A.

*With Nano polishe
** Except Hydrofluoric Acid & it's compound
Tiles Intended for use on floor
As per customer requirement

Packing Details

PRODUCT	SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX	WEIGHT (Kg)
Highgloss Black	800x1600mm	9mm	2pc	27.55 Sq ft	53 Kgs