



ADELE CERAMICA

**15** / 800 X 2400MM  
MM



## Natural stone



### Natural Stone

The materials that the Earth's crust is made of are called rocks or stones, and all rocks are made of minerals. These rocks are formed over a long period of time under extreme pressure and heat. Natural stone is of three types.



### Igneous Rocks

These are crystallized forms of magma. The magma is made up of various components of pre-existing rocks which have been subjected to melting within the Earth's mantle. Igneous rocks can be seen at mid ocean ridges, areas of island arc volcanism or in intra-plate hotspots.



### Sedimentary Rocks

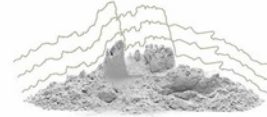
These are formed through the gradual accumulation of sediments: for example, sand on a beach or mud on a river bed. As the sediments are buried they get compacted as more and more material is deposited on top. Eventually the sediments will become so dense that they would essentially form a rock.



### Metamorphic Rocks

Rocks which once existed as igneous or sedimentary rocks but have been subjected to varying degrees of pressure and heat within the Earth's crust are called Metamorphic Rocks. The processes involved will change the composition and fabric of the rock and their original nature is often hard to distinguish.

## Sintered stone



### Minerals

For the manufacturing of Sintered Stone, a curated mix of entirely natural minerals are selected. These minerals are carefully and evenly spread on the production line for the desired stone patterns.



### Extreme heat

After the minerals are placed on the production line, a process called Sintering is started, which subjects the minerals to extreme temperatures sometimes reaching as high as 1200°C.



### High pressure

The second part of the Sintering process, which takes place simultaneously with the exposure of minerals to extreme heat is exposure to heavy pressure. Pressure of up to 5800 PSI is applied to bond the material together without melting it.



### Sintered stone

The minerals subjected to extreme heat and pressure are converted into a surface called Sintered Stone, which is much stronger than the individual parts.

## Why We Are The Best ?

## Just Because Of These Two Technology !

**CONTINUA+**

**SACMI**



# INTERIOR

This collection of Sintered Stone surfaces is a versatile one as it is not bound by its application or usage criteria. It has the innate features of being an integral part of your interiors without any problem. With a stain-resistant and water-resistant surface, Sintered Stone is ideal for application in all indoor areas including the flooring, counter tops and even furniture.



# EXTERIOR

It is not just the interiors of a place that reflect the opulence and refinement of the inhabitants, even the exteriors matter a lot. Sintered Stone surfaces are a robust and durable surface offering, which have been developed specifically to fulfil the needs of an exterior application. Be it your patio floor or facades, outdoor table tops or benches, Sintered Stone will always be an exceptional choice.





## Application Areas

Designed to perfectly suit all your requirements for a lavish space that uplifts and defines your ambiance to give it a greater look. With a promising quality and wide range design, we offer the best designs. We believe in quality & best service!



Basin Top



Vanity Top



Kitchen Counter Top



Heavy Traffic Area



Wash Basin



Step & Riser



Table Top



Furniture



## EDGE PROFILES



Micro bevel



Double straight rounded edge



Straight squared edge



Double straight squared edge



Rounded straight edge



Half bullnose



Squared edge at 45°



Hollywood Bevel



Full bullnose



Demi bullnose



Cove dupont



Cove



Normandy Bead



Stepped Bullnose



Dupont



Ogee

## JOINT POSSIBILITIES



Birds beak



45° corner



Soft corner



To enhance the beauty of the tiles, a precision trim can be given to them. Our tiles are of 15 mm thickness, which makes it possible to shape the edges of tiles in different styles and create aesthetically rich counter tops as required. Tiles with nicely trimmed edges also make for cleaner and elegant joints.



## CRYSTAL WHITE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Color Body

S  
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## IVORY

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

S  
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## KOTA

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

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**LIGHT GREY**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

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**STEEL GREY**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy Matt

**Type**  
Full Body

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## DARK GREY

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

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**FOSSIL GREY**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy Matt

**Type**  
Full Body

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## CHOCO

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

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## CRYSTAL BLACK

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Color Body

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CRYSTAL WHITE

IVORY

KOTA

LIGHT GREY

STEEL GREY

DARK GREY

FOSSIL GREY

CHOCO

CRYSTAL BLACK

COLOR BODY /  
FULL BODY

THICKNESS  
15 MM

SIZE  
800X2400 MM

FINISH  
GLOSSY / MATT



## GALAXY WHITE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

**Face**  
Random

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## GALAXY IVORY

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

**Face**  
Random

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## SNP BROWN

**Size**  
800X2400mm

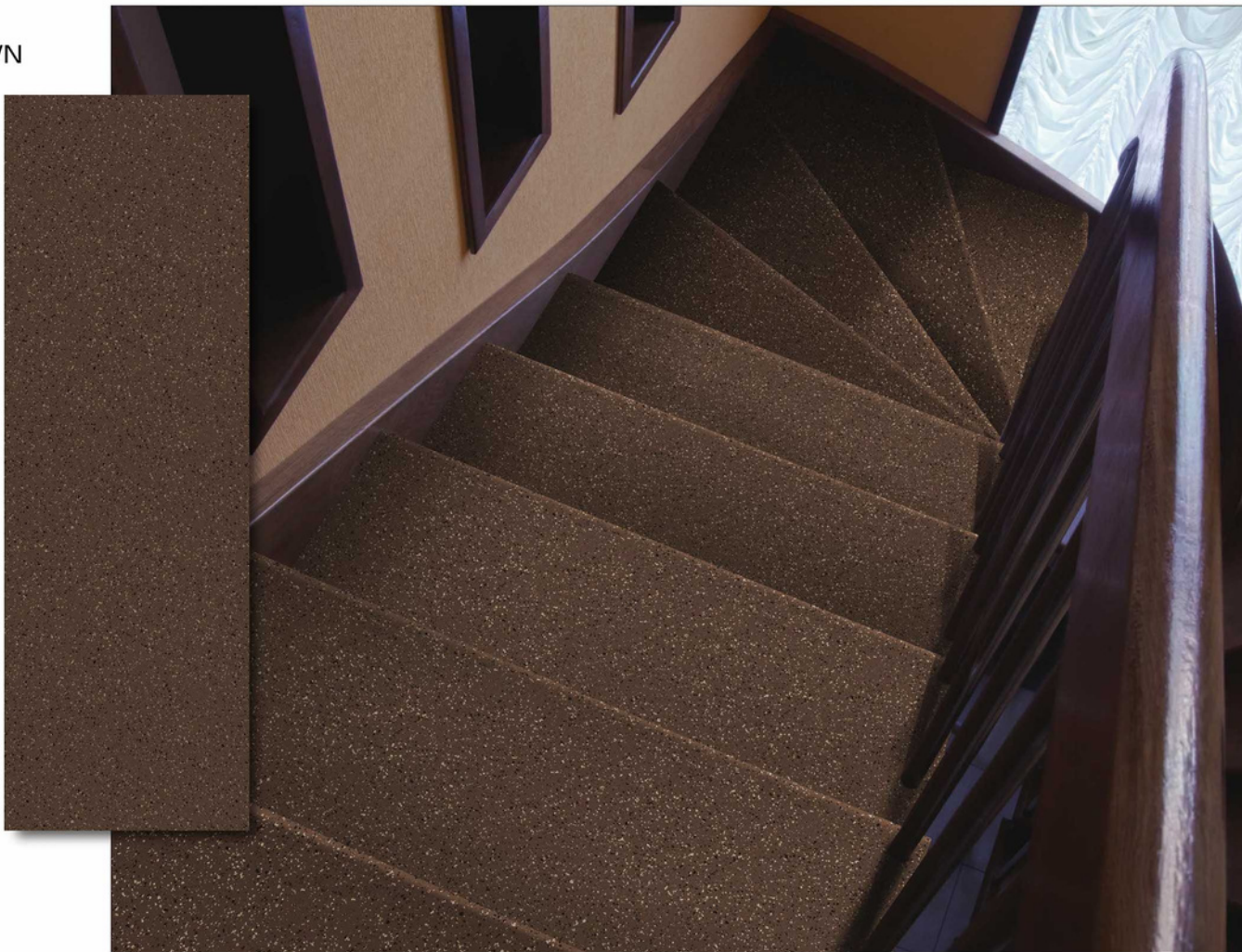
**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

**Face**  
Random

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**SNP BEIGE**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

**Face**  
Random

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## SNP VERDE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

**Face**  
Random

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**SNP GREY**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

**Face**  
Random

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Light Weight



Frost Resistance



Flexural Strength



Wear & Tear Resistance



Resistance to Heat



Waterproof Surface



Chemical Resistance



Resistance To UV Rays



Impact Resistance



Stain Resistance

## SNP BLACK

**Size**  
800X2400mm

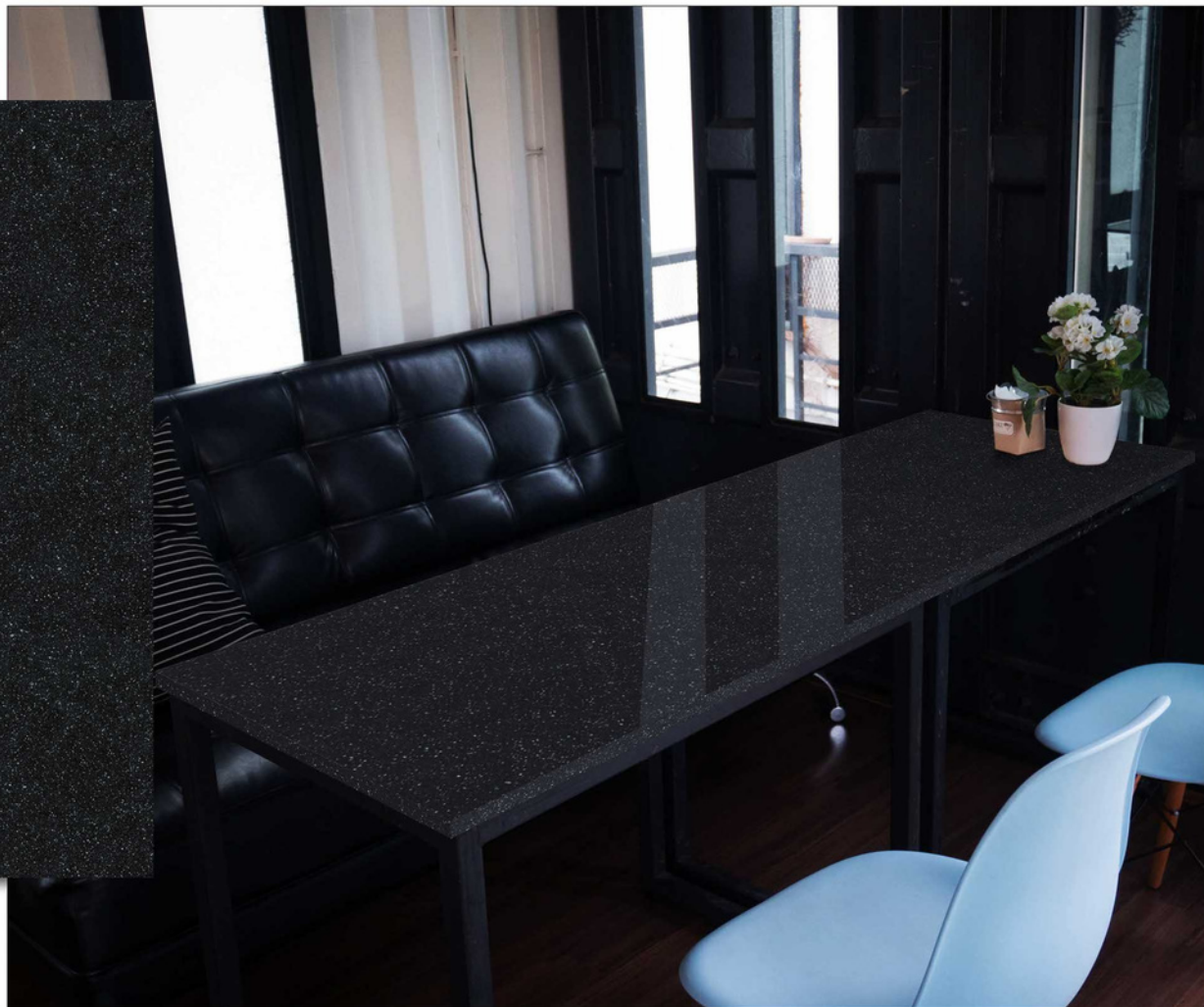
**Thickness**  
15mm

**Finish**  
Glossy / Matt

**Type**  
Full Body

**Face**  
Random

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## ROYAL QUARTZ

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Full Body

**Face**  
Random

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GALAXY WHITE

GALAXY IVORY

SNP BROWN

SNP BEIGE

SNP VERDE

SNP GREY

SNP BLACK

ROYAL QUARTZ

FULL BODY

THICKNESS

15 MM

SIZE

800X2400 MM

FINISH

GLOSSY / MATT





## INFINITO GREY

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

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Continue faces  
(also use in random faces)



## AMBRATO NERO

**Size**  
800X2400mm

**Thickness**  
15mm

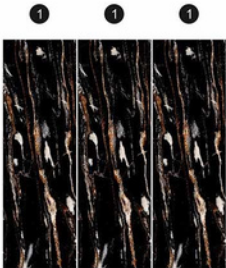
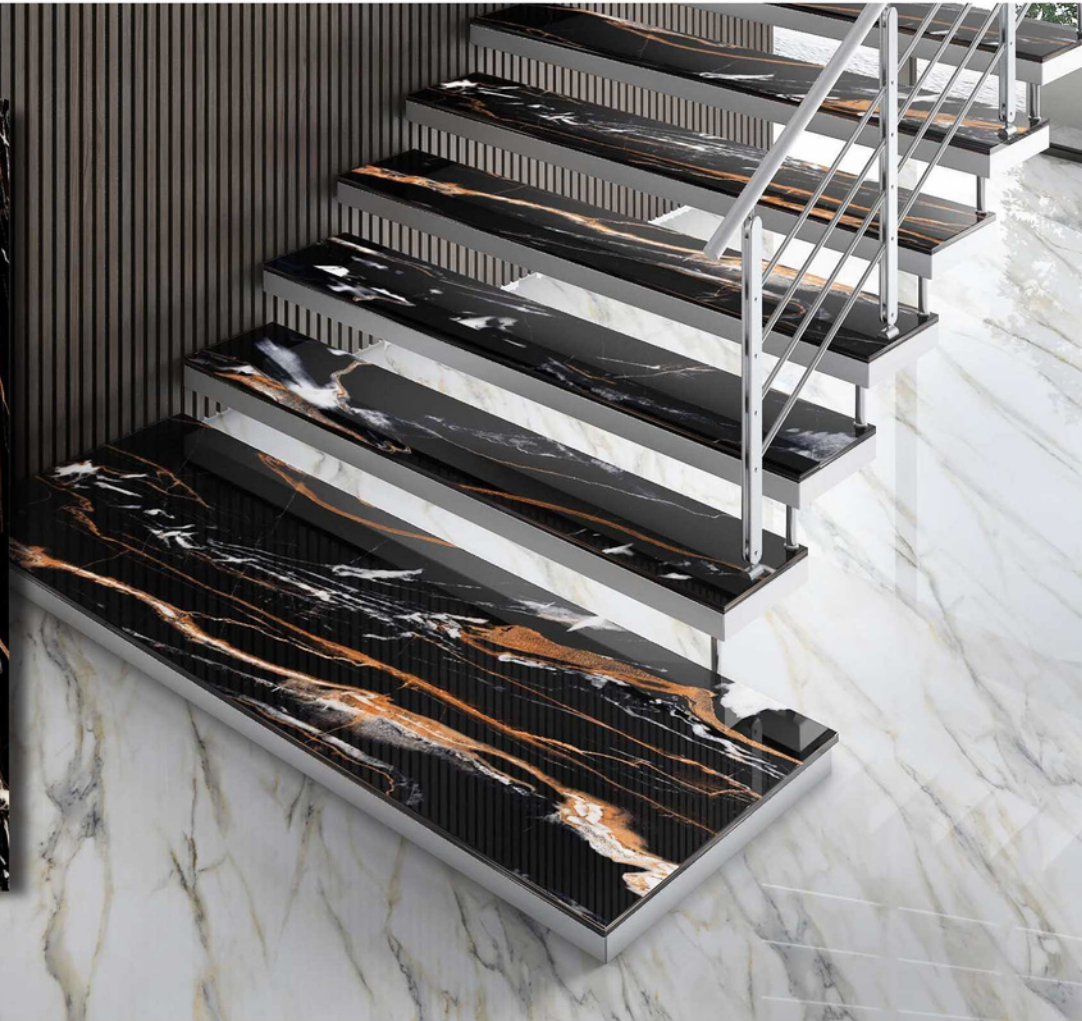
**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

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Continue faces  
(also use in random faces)





## SAINT LAURENT

**Size**  
800X2400mm

**Thickness**  
15mm

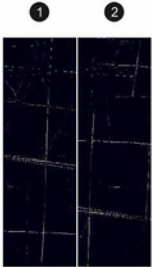
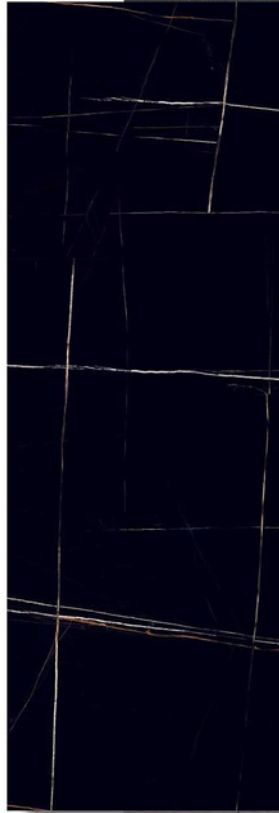
**Finish**  
Glossy

**Type**  
Color Body

**Random**

2

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Random faces



## LEVANTO NERO

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**  
3

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1 2 3



Random faces





## PORTORO BLACK

**Size**  
800X2400mm

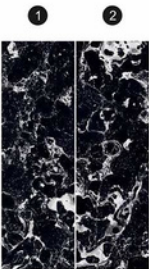
**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**  
2

S I N T E R E D S T O N E



Random faces



## PORTOFINO BLACK

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

2

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Continue faces  
(also use in random faces)





## PORTORO GOLD

**Size**  
800X2400mm

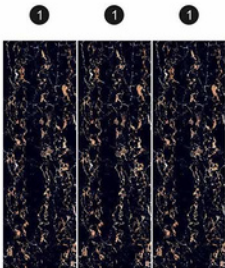
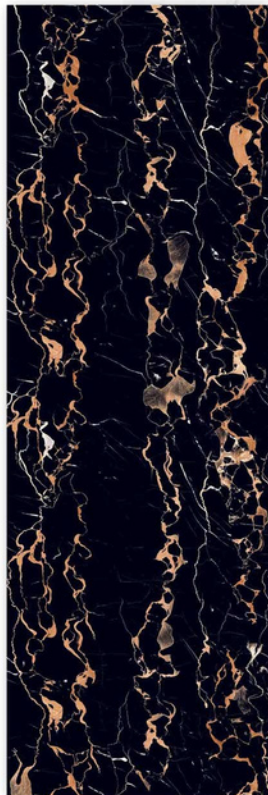
**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**  
1

S I N T E R E D S T O N E



Continue faces  
(also use in random faces)





## BLUE AGATHA

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

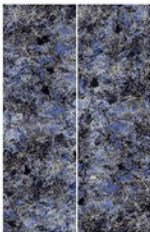
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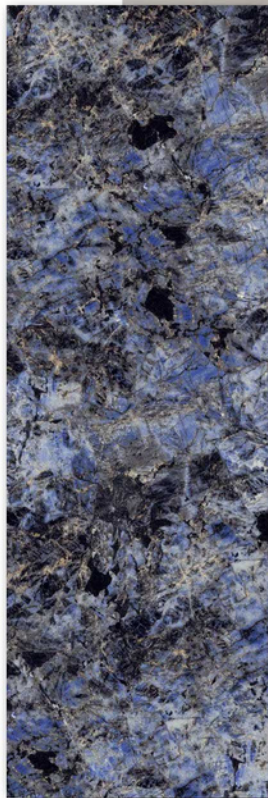


1

2



Random faces







## ONYX BROWN

**Size**  
800X2400mm

**Thickness**  
15mm

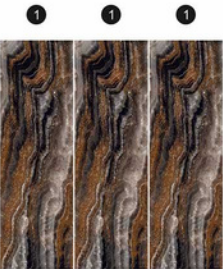
**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

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Continue faces  
(also use in random faces)





## ROMA BLACK

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

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Continue faces  
(also use in random faces)





## FOSSIL BROWN

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

2

S  
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1

2



Random faces







## ELECTRIC BLUE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

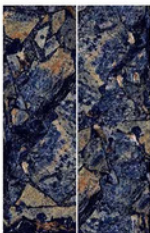
2

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1

2



Random faces



## ELECTRIC BLACK

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

2

S  
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1

2



Random faces





## VOLGA BLUE

**Size**  
800X2400mm

**Thickness**  
15mm

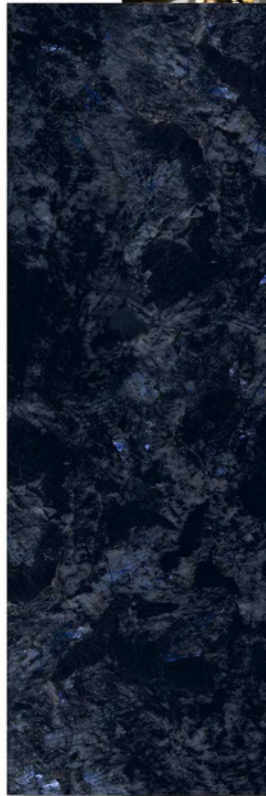
**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

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## FUSION ROSE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

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Continue faces  
(also use in random faces)





## UNIQUE NEGRO

**Size**  
800X2400mm

**Thickness**  
15mm

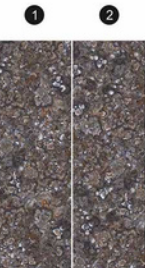
**Finish**  
Glossy

**Type**  
Color Body

**Random**

2

S  
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Random faces







## COPPER PEARL

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

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## ROMAN PEARL

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

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## CHOBA

**Size**  
800X2400mm

**Thickness**  
15mm

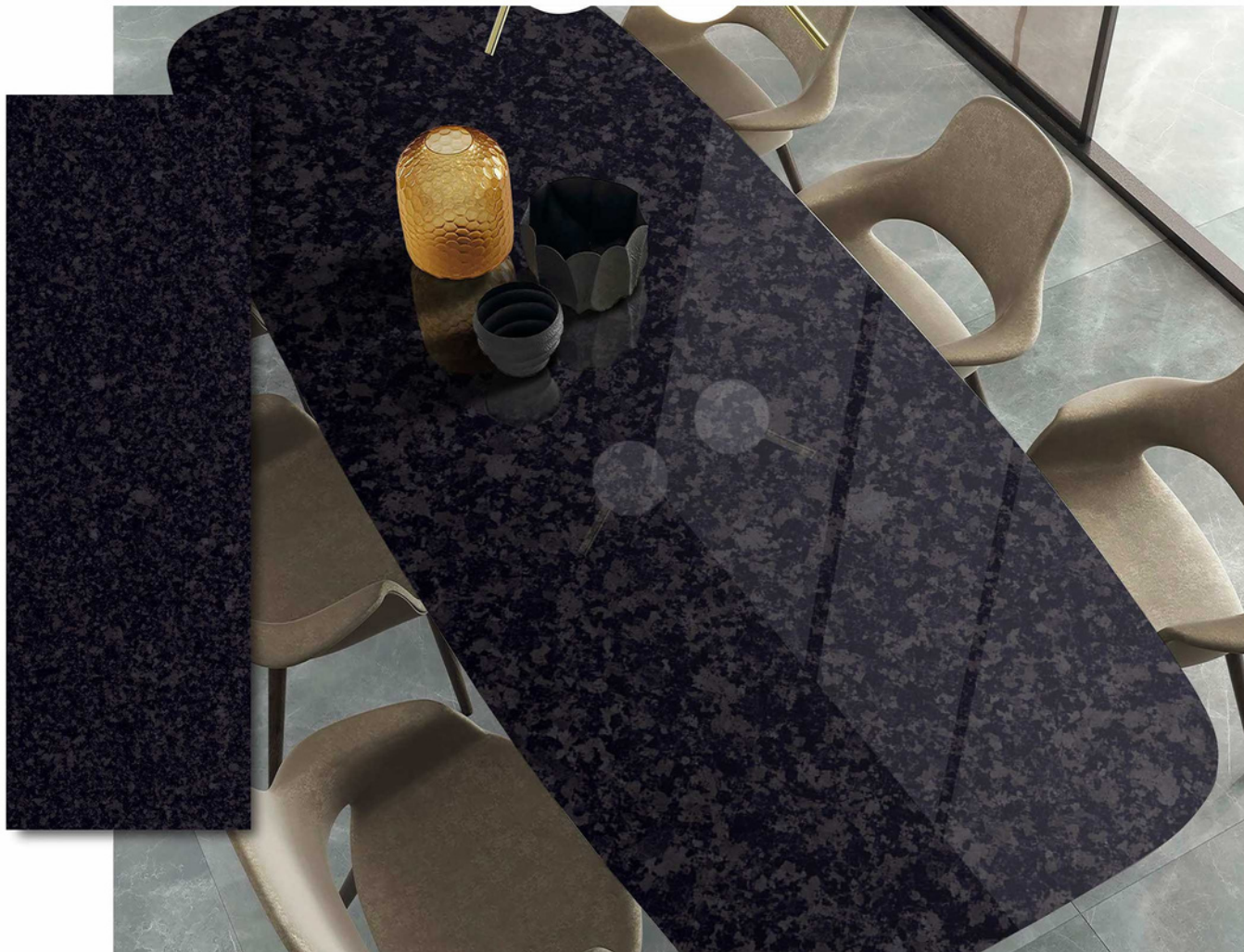
**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

S I N T E R E D S T O N E







## KORSO BROWN

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Black Body

**Random**

1

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## ARIZONA BLUE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Black Body

**Random**  
1

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## MATALIX BLUE

**Size**  
800X2400mm

**Thickness**  
15mm

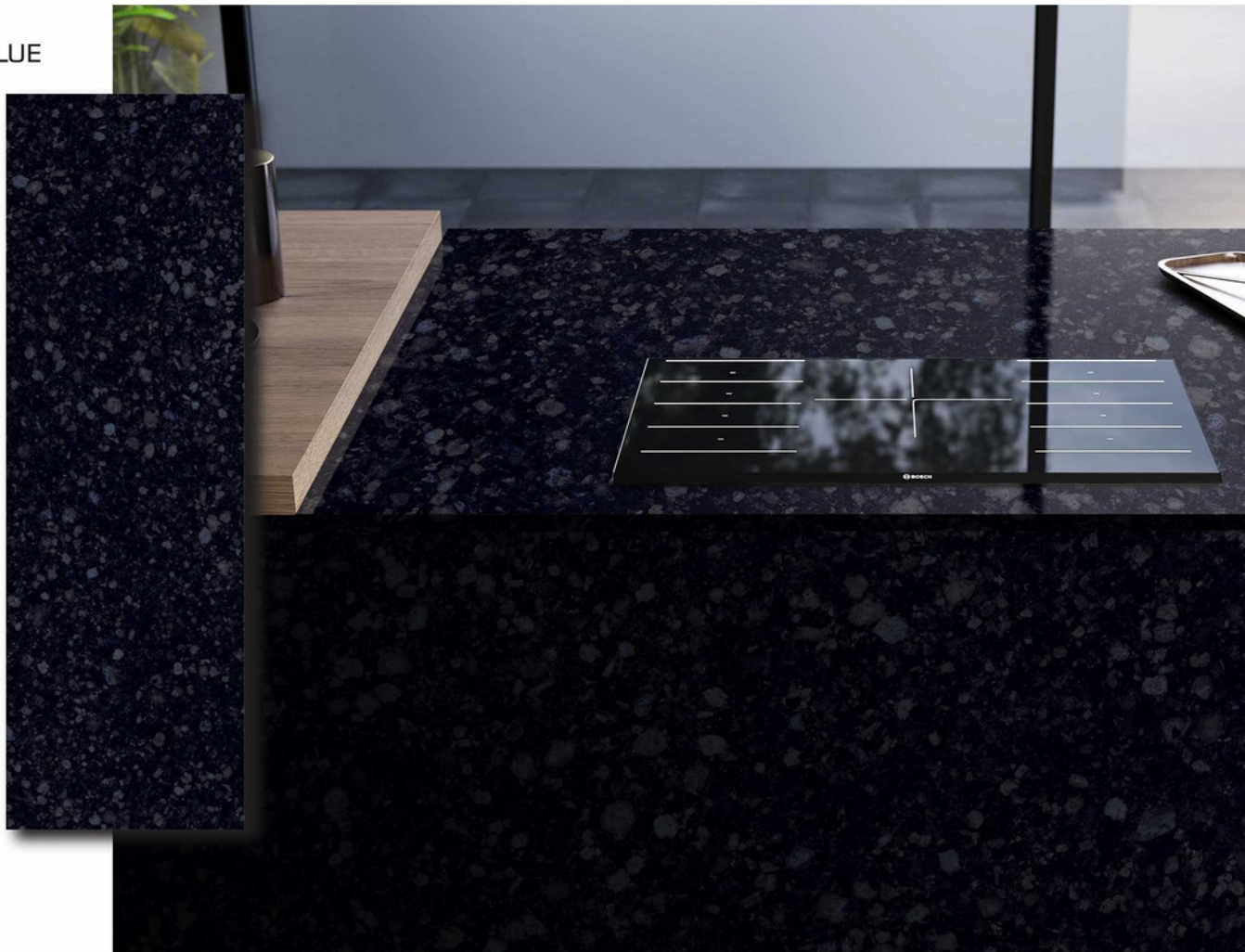
**Finish**  
Glossy

**Type**  
Black Body

**Random**

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## AMETHI STONE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Black Body

**Random**

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## RETROWOOD BLACK

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Black Body

**Random**

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## CALACATTA GOLD

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

2

S  
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Random faces



## STATUARIO VOLKAS

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

3

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Continue faces  
(also use in random faces)





## RED SPIDER

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

3

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Continue faces  
(also use in random faces)



## DIAMOND GOLD

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**  
3

S  
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Continue faces  
(also use in random faces)





## PANTAGONIA WHITE

**Size**  
800X2400mm

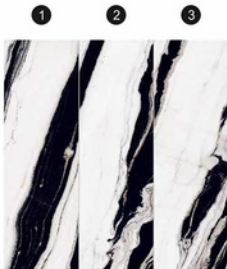
**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**  
3

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E



Random faces



## BRAZILIAN

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

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E







## CREMA MONTANA

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**  
3

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E



Random faces

## PEBBLES WHITE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E







## TERRAZZO BIANCO

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

2

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E



Random faces



## SCREPOLATO NERO

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

3

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E



Random faces







**TIMELESS CALACATTA  
BORGHINI**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**  
3

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E



Continue faces  
(also use in random faces)



## COPENHAGEN

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**  
3

S I N T E R E D S T O N E



Random faces





## PROSTONE IVORY

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E





## LOUISE GREEN

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
Color Body

**Random**

2

S I N T E R E D S T O N E



Random faces





## MASCARA

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
White Body

**Random**  
3

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E



Random faces



## STATUARIO CALASTA

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
White Body

**Random**

2

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E



Random faces





## ARABESCATO GOLD

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Glossy

**Type**  
White Body

**Random**

S I N T E R E D S T O N E



Random faces



## SUNSHINE CRYSTAL

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Carving Matt

**Type**  
Color Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E







**SUNSHINE CRYSTAL  
BLACK**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Carving Matt

**Type**  
Color Body

**Random**

1

S I N T E R E D S T O N E





## SUNSHINE FANCY

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Carving Matt

**Type**  
Color Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E





## SUNSHINE FANCY BLACK

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Carving Matt

**Type**  
Color Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E





**ORION GREY**

**Size**  
800X2400mm

**Thickness**  
15mm

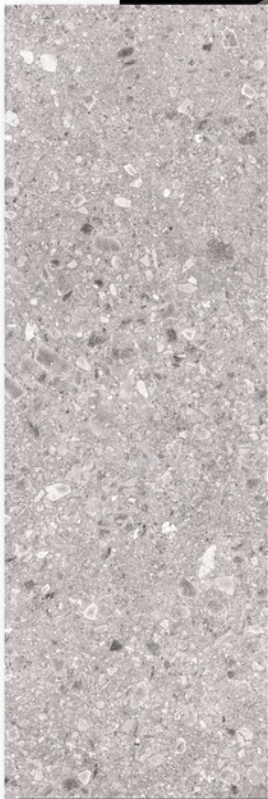
**Finish**  
Carving Matt

**Type**  
Colour Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E







## ORION NERO

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Carving Matt

**Type**  
Colour Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E





## ORION WHITE

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Carving Matt

**Type**  
Colour Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E







**SUNSHINE  
ILLUMINATE  
BLACK**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Carving Matt

**Type**  
Colour Body

**Random**

1

S  
I  
N  
T  
E  
R  
E  
D  
S  
T  
O  
N  
E





**SUNSHINE  
ILLUMINATE  
WHITE**

**Size**  
800X2400mm

**Thickness**  
15mm

**Finish**  
Carving Matt

**Type**  
Colour Body

**Random**

1

S  
I  
N  
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E  
R  
E  
D  
S  
T  
O  
N  
E

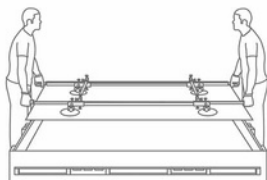
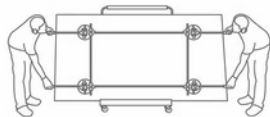




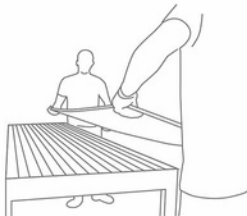
## MANUALLY TRANSPORTING IMMODERATE

Only for 1/4" Slabs

### MOVING A IMMODERATE TILE



### RAISING A IMMODERATE TILE ONTO A BENCH

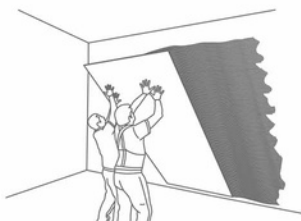


✗ INCORRECT

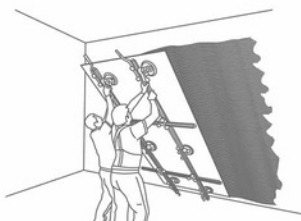


✓ CORRECT

### HANDLING IMMOMERATE TILE FOR WALL



✗ INCORRECT



✓ CORRECT

## WORKING WITH THE VARIOUS VERSIONS OF IMMOMERATE

### CUTTING WITH DIAMOND DISCS



Our products can be cut using diamond discs fitted onto the hand-held electrical grinding machine. The speed of Disc rotation must be high (>10000 RPM) and should have a low feed rate (< 1 m/min). It may be required to cool the disc with water. Recommended discs are the thin types generally used for cutting porcelain stoneware. The surface should be kept on a FLAT base while cutting without any gap underneath.

### DRILLING



You can use cutting discs fitted to battery-operated screwdrivers or angle grinders, electrical drills as an alternative.

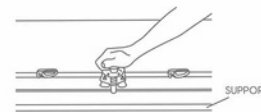
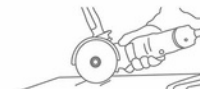
### INTERNAL CUT / L-SHAPED CUT



To get internal and L-shaped corners & to reduce the risk of breakage, round off the vertex of the internal corner using bits with a radius of at least 5mm. Then cut with diamond discs, be cautious to stop moving the cutting tool forward. To drill and cut using diamond discs, follow the instructions provided above.

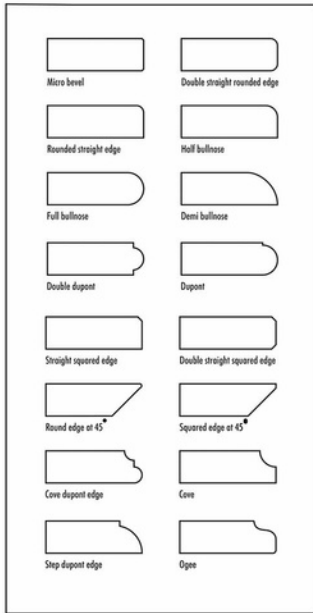
When using these tools:  
 -Cool the point being drilled with water  
 -Don't put too much pressure and bear in mind the resistance of the type of laminated stoneware you are working on  
 -If you are using tungsten bits, start drilling at a low speed  
 -If you are using drills or screwdrivers, do not select hammering mode

### EDGE-FINISHING



# Technical Specifications

## Edge Profiles



800  
X2400MM

CHARACTERISTICS	STANDARD AS PER ISO-13006/En14411 GROUP	VALUES	TEST METHOD
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### REGULATORY PROPERTIES

Deviation in Length & Width	±0.5%	+0.2%	ISO 10545-2
Deviation in Thickness	±5%	+5%	ISO 10545-2
Straightness of Sides	±0.5%	+0.2%	ISO 10545-2
Rectangularity	±0.5%	+0.2%	ISO 10545-2
Surface Flatness	±0.5%	+0.3%	ISO 10545-2
Color Difference	ΔE<1.00	ΔE<0.30	ISO 10545-16
Glossiness	As per Mfg.	>90%	Gloss Meter 60

### STRUCTURAL PROPERTIES

Water Absorption	≤0.5 %	≤0.06 %	ISO 10545-3
Apparent Density	As Per Mfg.	>2.20 g/cc	ISO 10545-3

### MASSIVE MECHANICAL PROPERTIES

Modulus of Repture	Min 35N/mm <sup>2</sup>	Min.40N/mm <sup>2</sup>	ISO 10545-4
Breaking Strength	Min. 1300 N	Min. 7200 N	ISO 10545-4
Impact Resistance	As per Mfg.	Min. 0.55	ISO 10545-4

### SURFACE MECHANICAL PROPERTIES

Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	BS EN 15771

### THERMO HYGROMETRIC PROPERTIES

Frost Resistance	As Per Mfg.	Frost Proof	ISO 10545-12
Thermal Shock Resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9
Moisture Expansion	Max. 0.6mm/m	Max. 0.02mm/m	ISO 10545-10
Thermal Expansion	Max. 9.0 x 10 <sup>-6</sup>	Max. 6.0x10 <sup>-6</sup>	ISO 10545-8

### CHEMICAL PROPERTIES

Chemical Resistance	As Per Mfg.	No Damage	ISO 10545-13
Stain Resistance	Resistant	Resistant	ISO 10545-14

### SAFETY PROPERTIES

Slip Resistance	As per Mfg.	N. A.	DIN 51130
Fire Resistance	As per Mfg.	Fire Proof	N. A.

### PACKING DETAILS

TILE SIZE	THICKNESS	NO. OF TILES/BOX	WEIGHT/BOX (approx.)	COVERAGE AREA
800 X 2400mm	15 mm	1 Pcs	67 kg.	20.67 Sq. Ft.



## CLEANING & MAINTENCE

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

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



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