

TILES & SANITARYWARE



A BRAND OF



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DETAILS THAT ENHANCE
YOUR EVERYDAY

KITCHEN PLATFORMS &
COUNTERTOPS COLLECTION



A BRAND OF



Designed exclusively for
'SPACERA' and 'LUMIERA' dealers' segments

Turning routines into experiences

We try to make every moment special and our spaces picture perfect. So, we bring you products that make your space look like its right out of a dream. We believe in turning your routine into experiences by giving it a special touch. Build a modern space with classic elegance and durability that leaves everyone in awe.



KITCHDECK®
KITCHEN PLATFORMS & COUNTERTOPS

Experience the endless beauty of nature

We understand that everyone's space is designed differently and the requirements vary from one person to another. So, 'Kitchdeck' brings you countertops in two sizes of 79x300cm and 79x260cm. These tiles are very durable because of their thickness of 15mm.

79x
300
cm

15mm
Thickness

79x
260
cm

15mm
Thickness

80x
240
cm

15mm
Thickness

COLOR BODY

15mm
Thickness

iM⁺

iM⁺ Technology, Towards A Better You

We have never been as precautions as we are now about our health and hygiene. We are battling every day to increase our immunity and keep ourselves fit.

'iM⁺ Technology' is our most exciting innovation yet. It helps the product surface repel any liquid. It does not allow unwanted and harmful living organisms to stay and/or grow. It requires the lowest maintenance efforts.

We have and we always will put in our efforts to keep your safe place better and safer.



As smooth as the breezing wind, 'POSH Surface' is yet another achievement for us. The exceptional surface is achieved with the exclusive and patented Italian technology, which is the first of its kind in India. It takes the surface quality to where no other technology can reach.








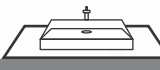



With this innovation, we have overcome the myth that smooth surfaces get scratches and stains. Despite having the unmatched smoothness, 'POSH Surface' is resistant to scratches.

- | | | |
|----|--|--|
| 1 | Lowest maintenance efforts | |
| 2 | Antibacterial surface / Hygienic surface | |
| 3 | Liquid repellent and Water resistant | |
| 4 | Impact resistant | |
| 5 | Frost resistant | |
| 6 | Scratch resistant and Abrasion resistant | |
| 7 | Chemical and Stain resistant | |
| 8 | Fire resistant | |
| 9 | Heat resistant | |
| 10 | Resistant to bending | |

Features

The most important requirement in these modern times is the urgent need for hygiene. These tiles from Kitchdeck are easy to clean providing you a germ-free surface.

It is also resistant to water, heat, fire, chemical, impact and much more making it the ideal choice for any space.

1	Kitchen countertop	
2	Dining table	
3	Table top	
4	Door and window frame	
5	Shelves	
6	Shower base	
7	Vanity top	
8	Wash basin	
9	Staircase	
10	Bathtub	
11	Floor & Wall	



Application Areas

These tiles are not just used as the surface of countertops where you cook, but it is used for many purposes. Some use it to make their dining table, bathtub, as a shelf surface or shower base or even door and window frame.

The dynamic nature of the tiles makes them useful for various purposes giving a unique and smooth look to every corner of your space.

Approach Area



Residential Areas



Commercial Areas



Hospitals



Shops and Malls



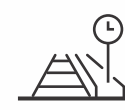
Hotels and Restaurants



Schools and Colleges



Religious Places



Railway Stations



Parks and Outdoor Furnitures



Public Places

Edge Profiles

Giving a nice trim to the edges of the tiles adds to its beauty. As these tiles are of the good thickness of 15mm & color body, it is possible to shape its edges in different styles and create aesthetically rich countertops for your space. Well trimmed edges also make for cleaner and elegant joints.



Double Bevel



Crescent



Small Bevel



Big Bevel

Joint Possibilities



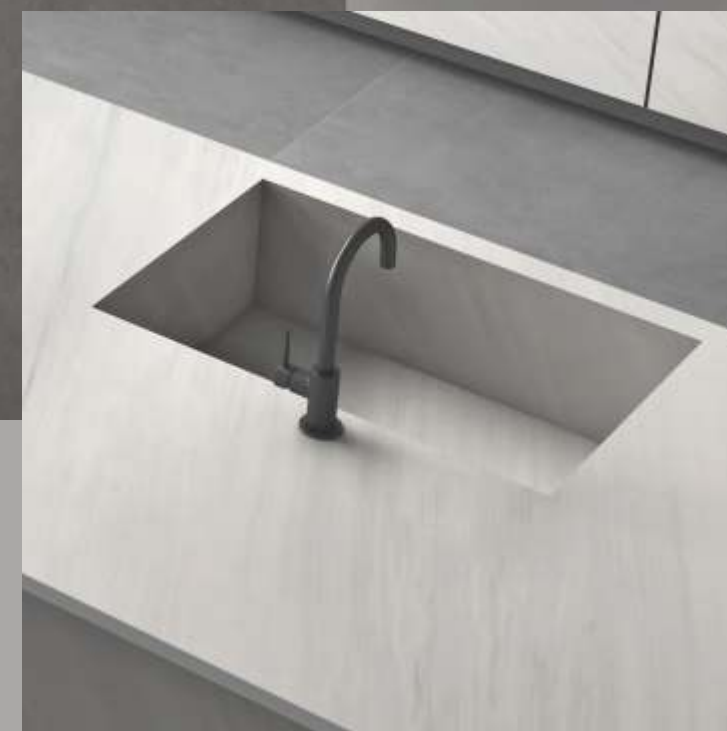
Birds beak



45° corner



Soft corner



These slabs from 'Kitchdeck' are very easy to install as they can be cut and trimmed into any size or shape giving your room a spacious appearance.



Black Bamboo

Size - 79x300cm
Surface - Posh, Polish
Thickness - 15mm
Type - Color body

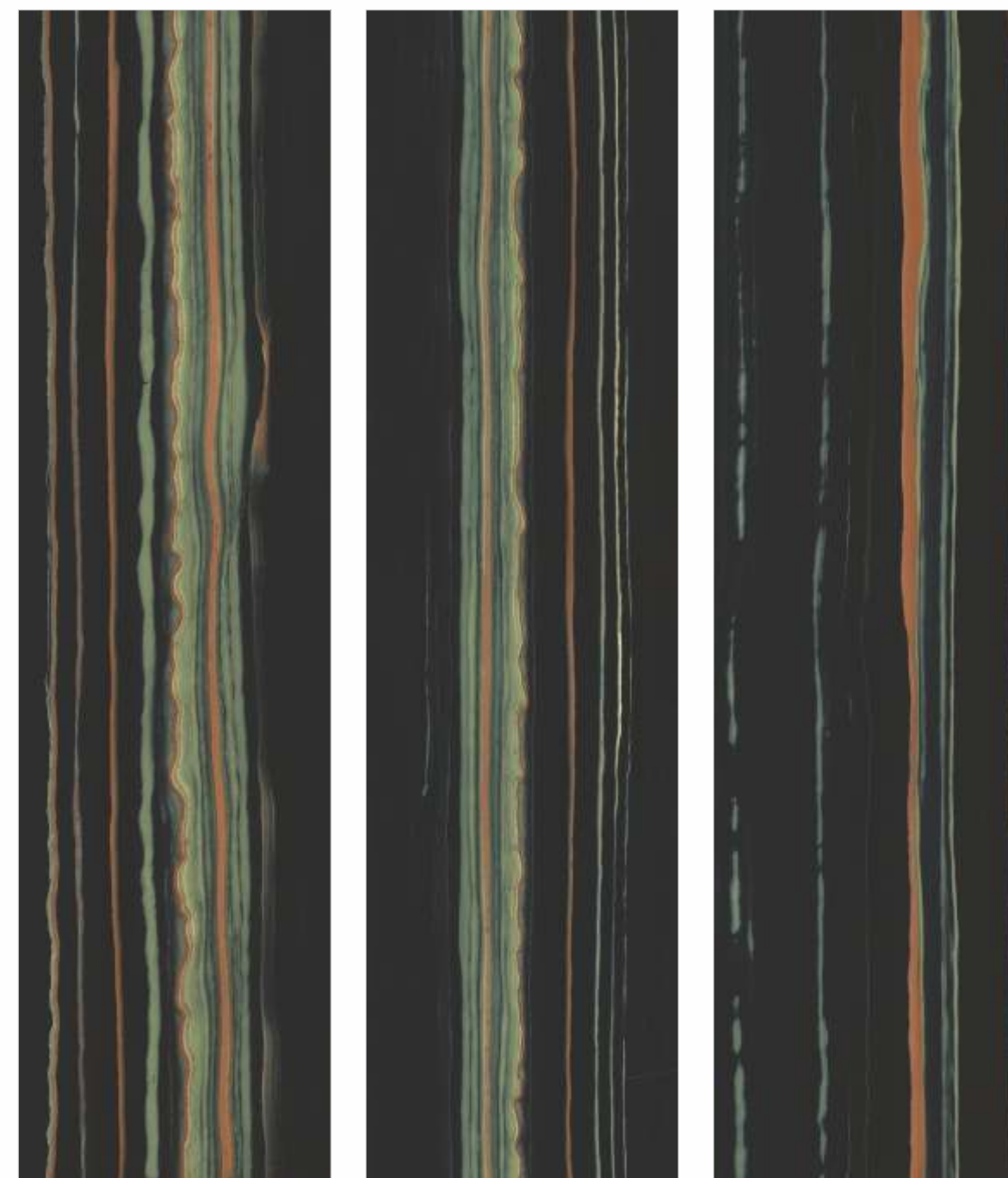
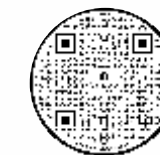


Black Bamboo

Size - **79x300cm**
 Surface - **Posh, Polish**
 Thickness - **15mm**
 Type - **Color body**

Scan for Virtual

360°



Random pattern - 3



Calacatta Rose

Size - 79x300cm
Surface - **Polish**
Thickness - 15mm
Type - **Color body**

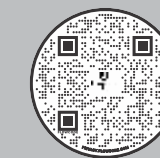


Calacatta Rose

Size - **79x300cm**
Surface - **Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual

360°



Random pattern - 3



Calacatta

Size - **79x300cm**
Surface - **Posh, Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 4

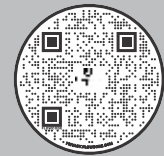


Calacatta Sun

Size - 79x300cm
Surface - Posh, Polish
Thickness - 15mm
Type - Color body

Scan for Virtual

360°



Random pattern - 3



Lillac

Size - 79x300cm
Surface - Posh, Polish
Thickness - 15mm
Type - Color body



Lillac

Size - **79x300cm**
Surface - **Posh, Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 5



Carrara Arbescato

Size - **79x300cm**
Surface - **Posh, Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual

360°



Random pattern - 2



Macaubas

Size - 79x300cm
Surface - Polish
Thickness - 15mm
Type - Color body



Macaubas

Size - **79x300cm**
Surface - **Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



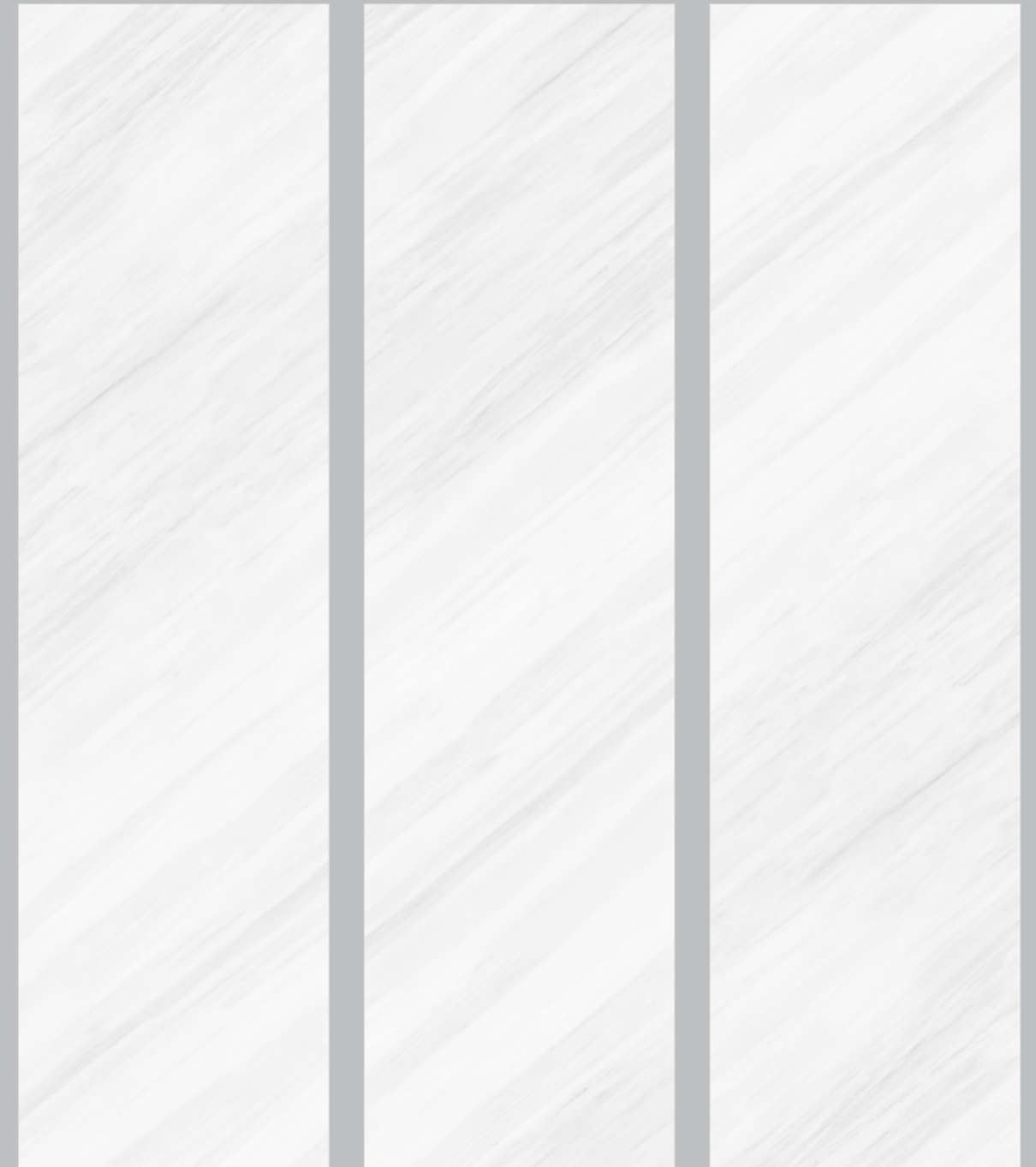
Random pattern - 5



Golden Silk White

Size - **79x300cm**
Surface - **Posh, Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



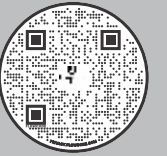
Random pattern - 2



Onyx Beam

Size - **79x300cm**
Surface - **Posh, Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 4



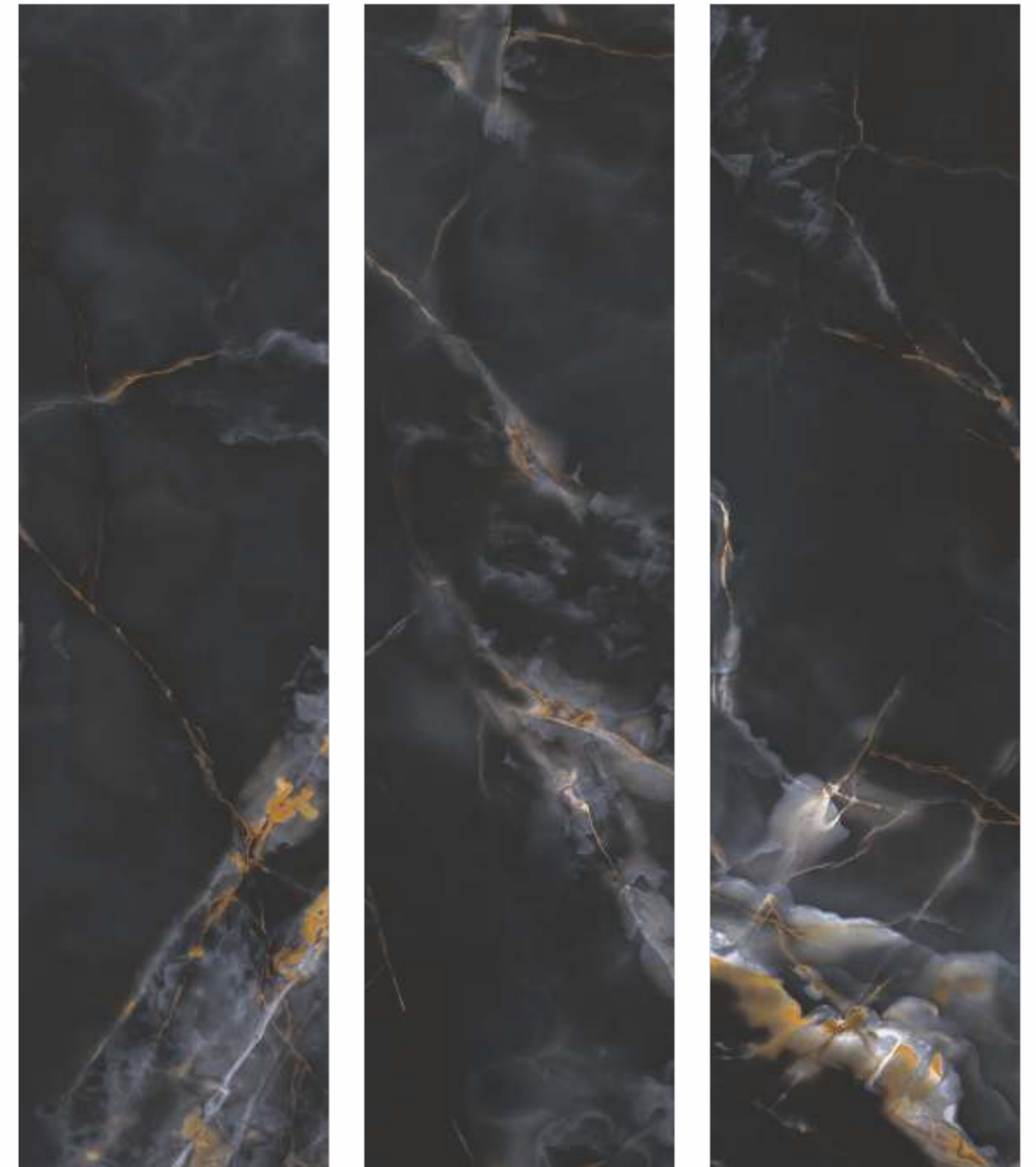
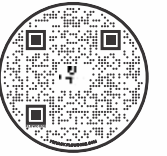
Onyx Thunder

Size - 79x300cm
Surface - Polish
Thickness - 15mm
Type - Color body

Onyx Thunder

Size - **79x300cm**
Surface - **Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°

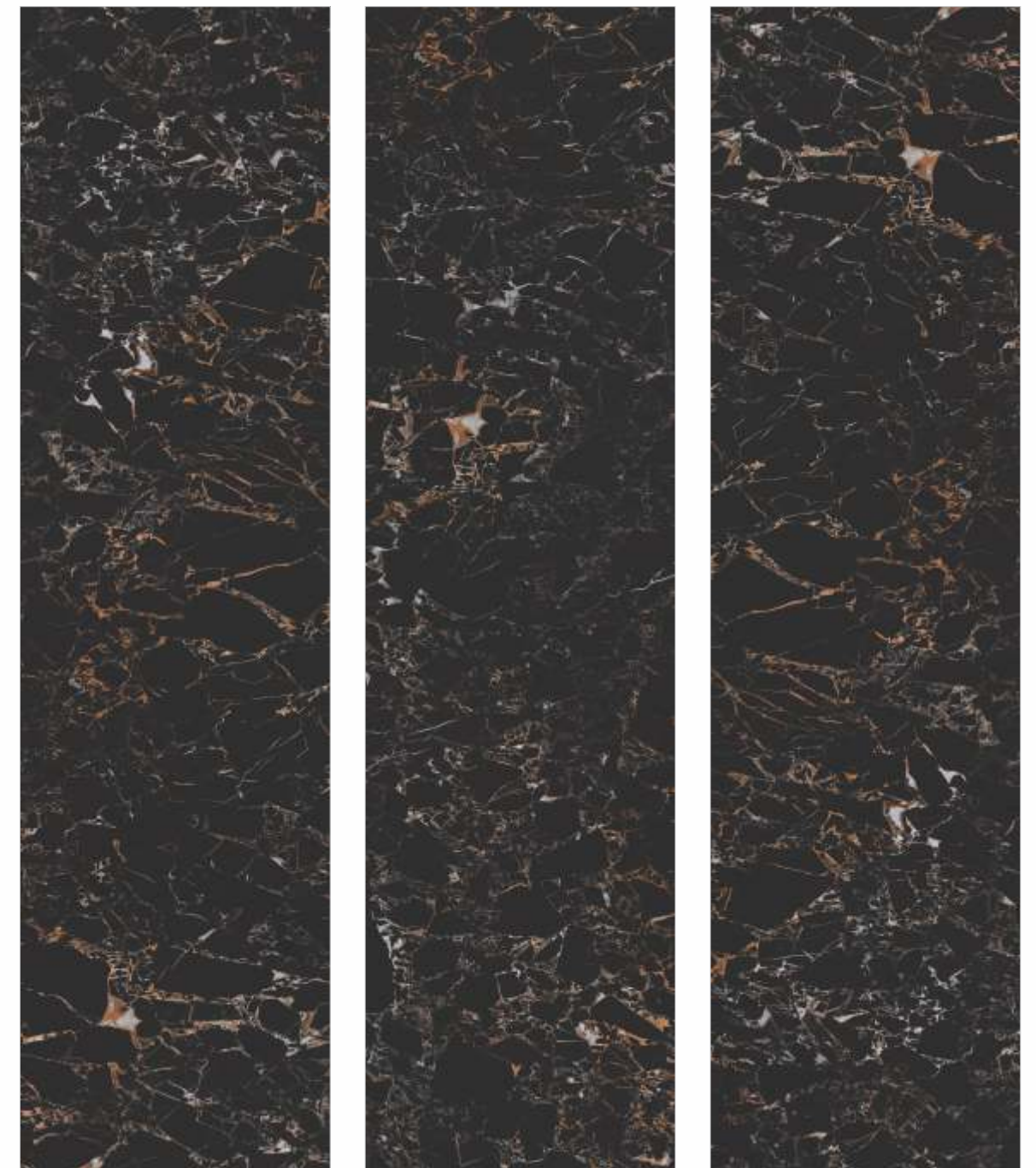
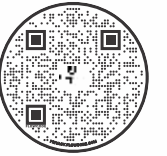


Random pattern - 5

Portoro Flame

Size - **79x300cm**
Surface - **Posh, Polish**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 2



Taurus Black

Size - **79x300cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°

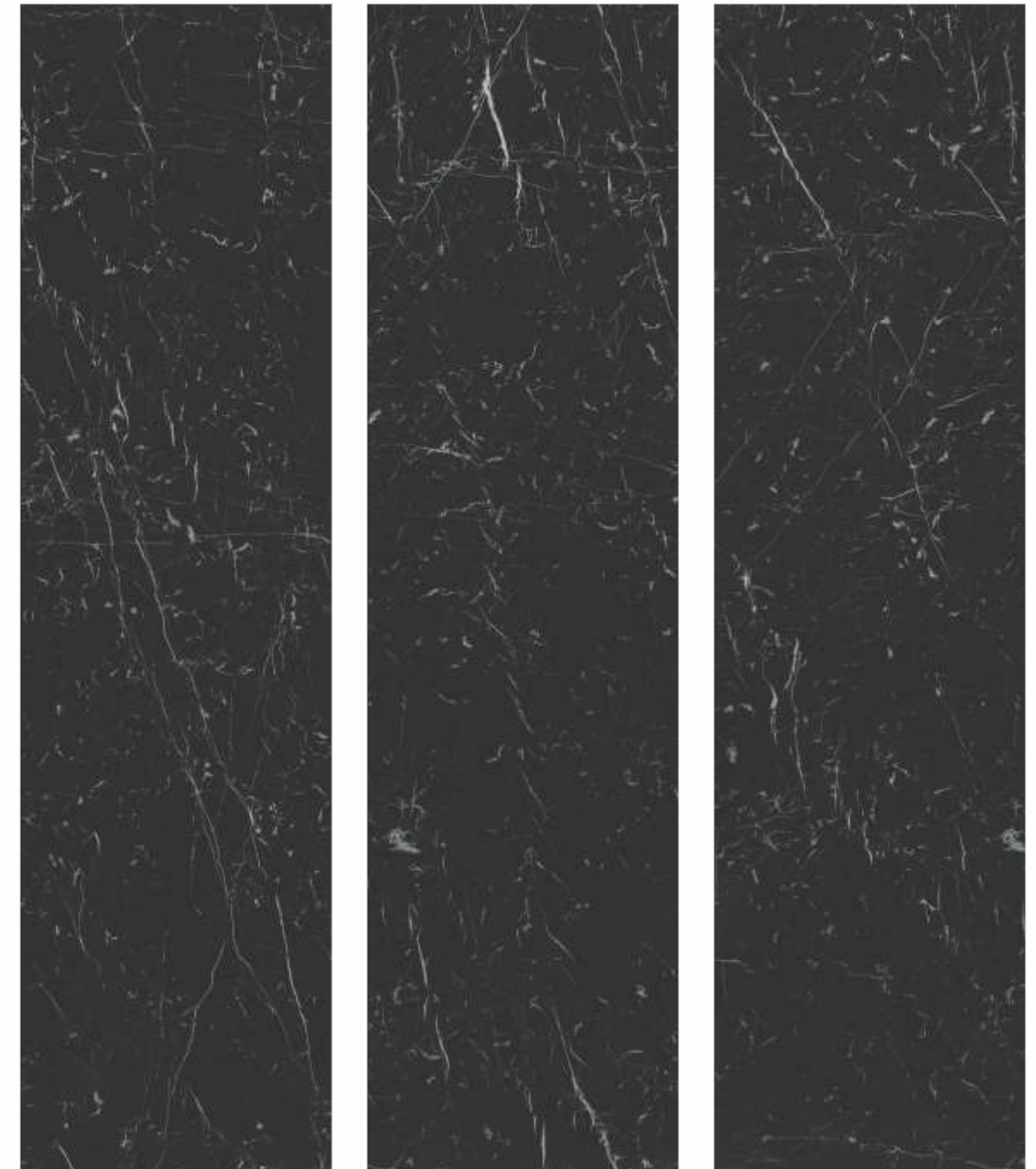


Random pattern - 4

Marquina Jet

Size - **79x300cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



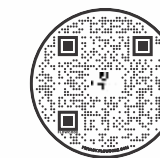
Random pattern - 3



Black Antique

Size - **79x300cm**
Surface - **Polish**
Thickness - **15mm**
Type - **Color body**

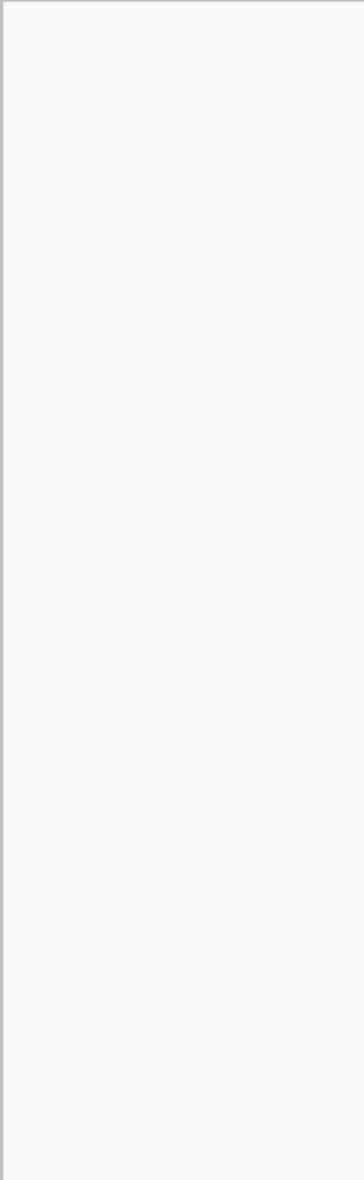
Scan for Virtual
360°



Random pattern - 3

Nano White

Size - 79x300cm, 80x240cm
Surface - Polish
Thickness - 15mm
Type - Color body



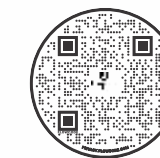
Scan for Virtual
360°



Absolute Black

Size - 79x300cm, 80x240cm
Surface - Polish
Thickness - 15mm
Type - Color body

Scan for Virtual
360°



Statuario Natural

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 4

Statuario Gold

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body





Statuario Gold

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**



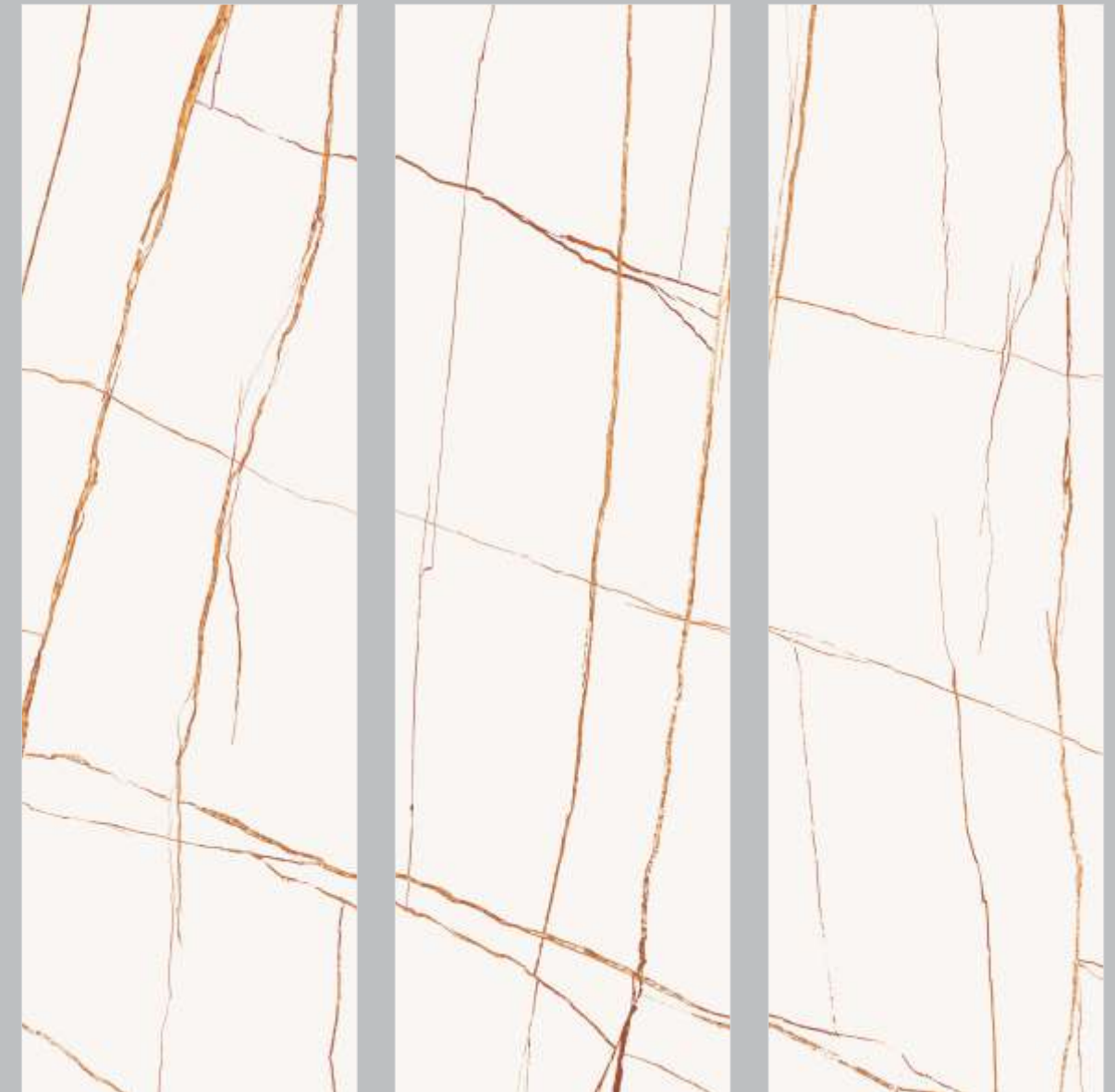
Random pattern - 4



Saint Laurent White

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body

Scan for Virtual
360°



Random pattern - 4



Black Saint Laurent

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body



Black Saint Laurent

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 4



Golden Silk White

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body

Ocean Black

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body



Golden Silk White

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**



Random pattern - 4

Ocean Black

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**



Random pattern - 4



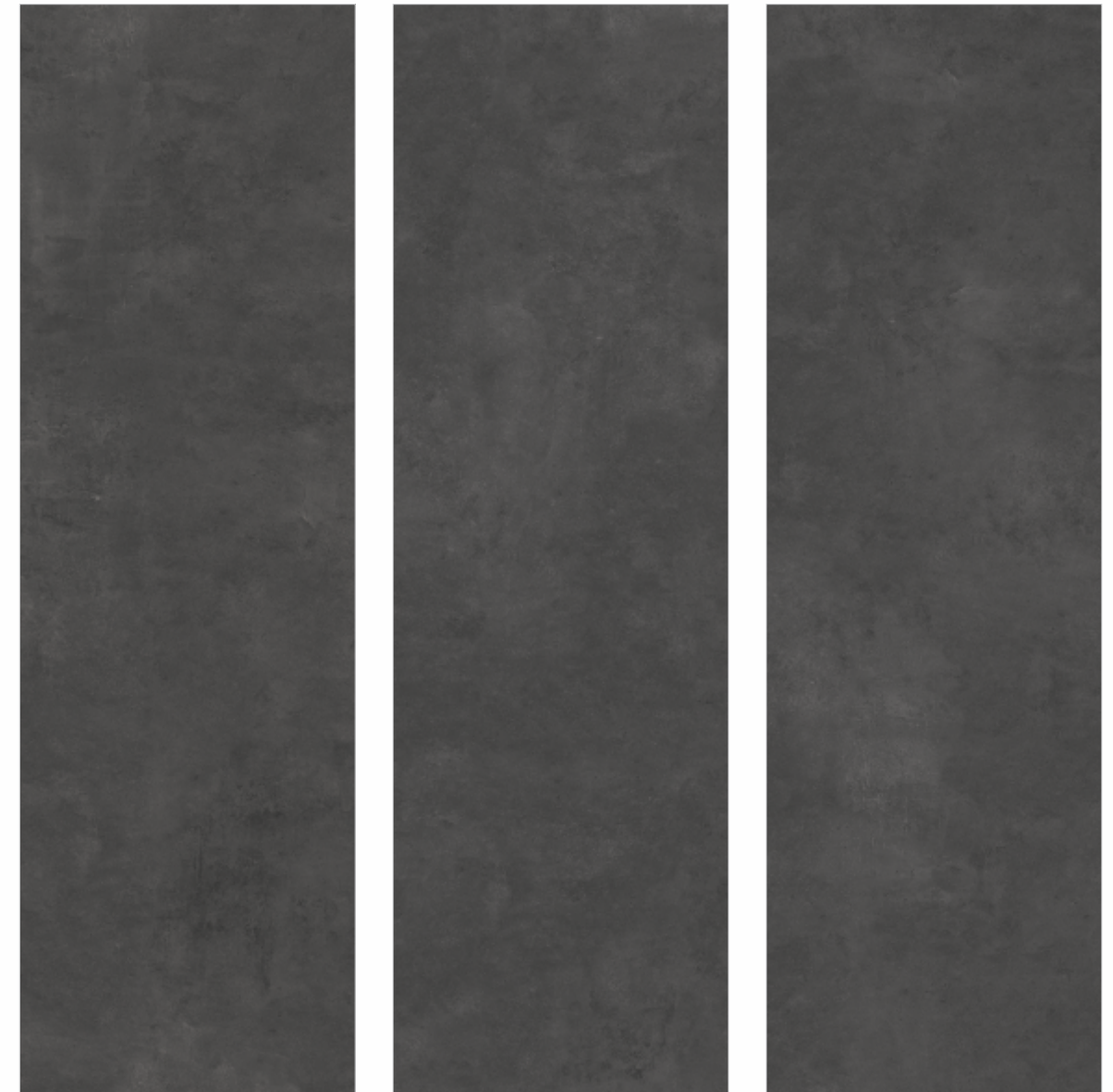
Metal Grey

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body

Metal Grey

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 4



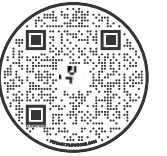
Antique Grey

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body

Antique Grey

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 4



Pietra Grey

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body



Pietra Grey

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°

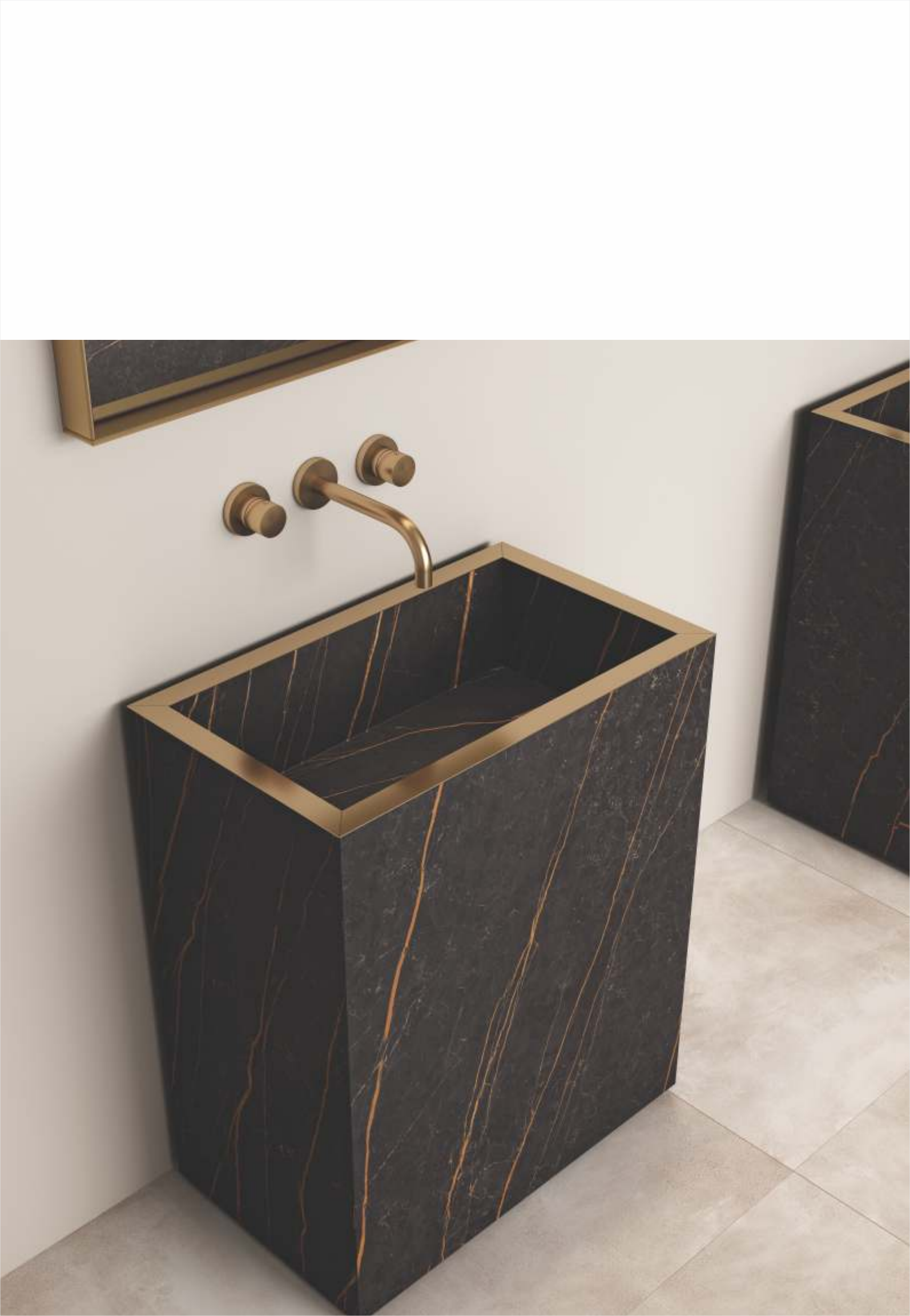


Random pattern - 4



Sarona

Size - 79x260cm
Surface - Posh
Thickness - 15mm
Type - Color body



Sarona

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 4



Marquina

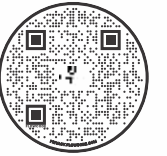
Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**



Marquina

Size - **79x260cm**
Surface - **Posh**
Thickness - **15mm**
Type - **Color body**

Scan for Virtual
360°



Random pattern - 4

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.

TECHNICAL SPECIFICATION



CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	METHOD OF TESTING	MEAN VALUE OF SIMPOLO
Regulatory Properties				
Deviation in Length and Width	±0.30 % (±1.00 mm)	±010 %	ISO 10545-2/IS 13630-1	± 010 %
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0 %	ISO 10545-2/IS 13630-1	± 5.0 %
Straightness in Side	±0.30 % (± 0.80 mm)	±010 %	ISO 10545-2/IS 13630-1	± 010 %
Rectangularity	±0.30 % (±1.50 mm)	±010%	ISO 10545-2/IS 13630-1	± 010 %
Surface Flatness Central Curvature	±0.40 % (± 1.80 mm)	±050 %	ISO 10545-2/IS 13630-1	± 0.20 %
Surface Flatness Edge Curvature	±0.40 % (± 1.80 mm)	±050 %	ISO 10545-2/IS 13630-1	± 0.20 %
Surface Flatness Warpage	±0.40 % (± 1.80 mm)	±050 %	ISO 10545-2/IS 13630-1	± 010 %
Surface Quality	>95% defects free	>95% defects free	ISO 10545-2/IS 13630-1	>95% defects free
Small Color Difference (For Plain Colour)	ΔE <1.00	N.A.	ISO 10545-16	ΔE <0.80
Glossiness (Polished)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	≥ 90
Glossiness (Satin/Posh)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	7 ≤ Gloss Value ≤ 25
Structural Properties				
Water Absorption	≤0.50 %	≤0080 %	ISO 10545-3/IS 13630-2	≤0080 %
Bulk Density	As per Manufacturer	Min 2.20 g/cc	ISO 10545-3/IS 13630-2	> 2.28 gm/cc
Massive Mechanical Properties				
Modulus of Rupture	Min. 35.0 N/mm²	Min. 35.0 N/mm²	ISO 10545-4/IS 13630-6	Min. 40.0 N/mm²
Breaking Strength Thickness ≥7.5 mm	Min 13000 N	Min 13000 N	ISO 10545-4/IS 13630-6	Min 60000 N
Surface Mechanical Properties				
MOH'S Hardness #	As per Manufacturer	Min. 5	BS EN 15771/IS 13630-13	Polished Min 4** / Satin & Posh Min 6
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	ISO 10545-7/IS 13630-11	Polished Min II** / Satin & Posh Min III
Thermal Hygrometric Properties				
Moisture Expansion	Max 0.06% (0.6 mm/m)	Max 0.02 mm/m	ISO 10545-10/IS 13630-3	Max 0.02 mm/m
Thermal Expansion(COE) at 100°C	As per Manufacturer	Max. 6.0 x 10-6	ISO 10545-8/IS 13630-4	Max. 6.0 x 10-6
Thermal Shock Resistance	Min 10 Cycle	Min 10 Cycle	ISO 10545-9/IS 13630-5	Min 10 Cycle
Impact Resistance(COR) #	Min. 0.55	Min 0.55	ISO 10545-5/IS 13630-14	Min 0.55
Frost Resistance	As per Manufacturer	As per Manufacturer	ISO 10545-12/IS 13630-10	Frost Proof
Crazing Resistance at 7.5 bar	4 Cycle	4 Cycle	ISO 10545-11/IS 13630-9	4 Cycle
Chemical Properties				
Resistance to Staining Glazed	Min. Class 3	Min Class 1	ISO 10545-14/IS 13630-8	Min. Class 3/Min. Class 1
Resistance to Household Chemicals & Swimming Pool Salts Glazed	Min Class GB	Min Class AA	ISO 10545-13/IS 13630-8	Min Class GB/Min Class AA
Resistance to Low Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-8	Min Class GLB*** / Min Class A***
Resistance to High Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-8	Min Class GHB*** / Min Class A***
Safety Properties				
Skid Resistance -(DCOF-WET PENDULUM)##	As per Manufacturer	As per Manufacturer	BS 7976-2	Glossy ≥PO,Satin,Posh ≥P1
Slip Resistance -Satin/Posh (DCOF- R Value)##	As per Manufacturer	As per Manufacturer	DIN 51130	R9 to R10
Lead and Cadmium release	As per Manufacturer	N.A.	ISO-10545-15	Does not yield Pb &Cd

* Whichever is Lower
** With nano technology (Polished Vitrified tiles) Depending on Application area (low or high intensity of traffic)
*** Except Hydrofluoric Acid & it's compound
Tiles Intended for use on floor
For Floor tiles,as per customer requirement

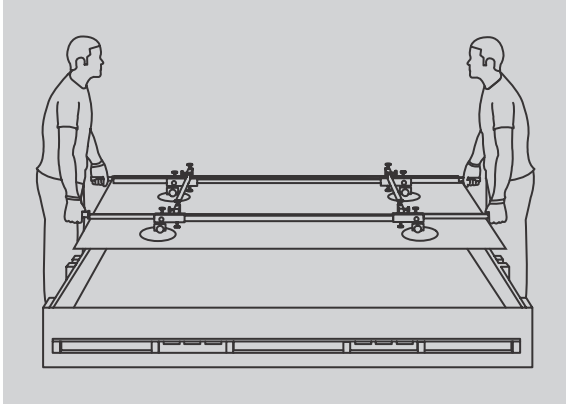
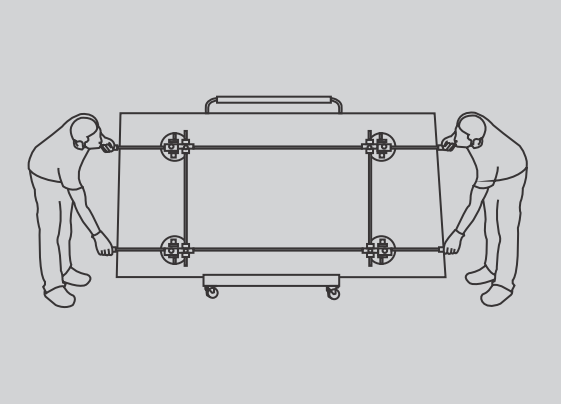
PACKING DETAILS

PRODUCT	SIZE	ACTULE SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX	
KITCHDECK	79x300cm	790x3000mm	15 mm	1 pc	25.51 Sq ft	2.37 Sq m
	79x260cm	790x2600mm	15 mm	1 pc	22.11 Sq ft	2.54 Sq m
	80x240cm	800x2400mm	15 mm	1 pc	20.67 Sq ft	1.92 Sq m

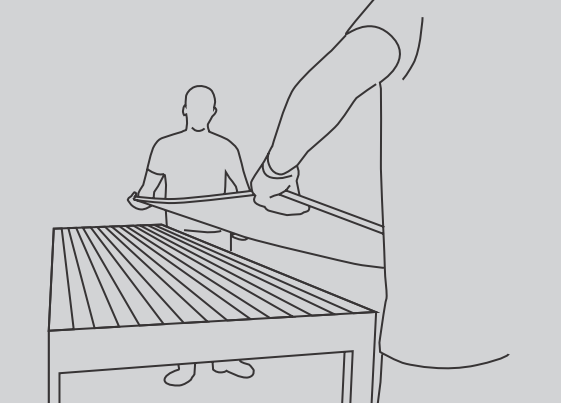
MANUALLY TRANSPORTING A KITCHDECK COUNTERTOP

Only for 1/4" Slabs

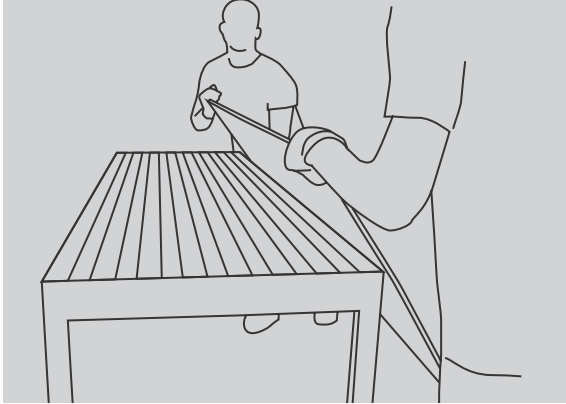
MOVING A KITCHDECK COUNTERTOP



RAISING A KITCHDECK COUNTERTOP ONTO A BENCH

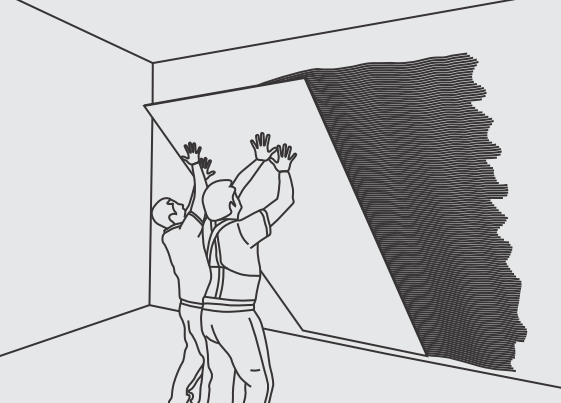


✗ INCORRECT

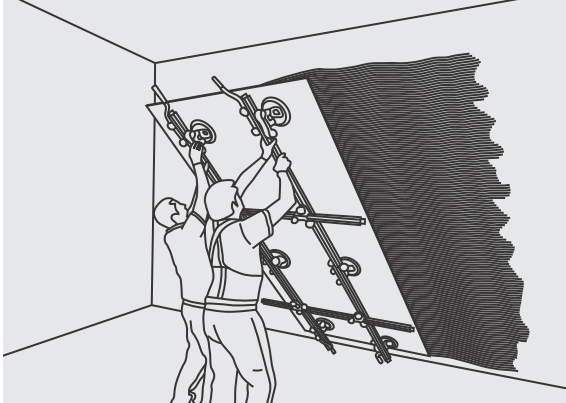


✓ CORRECT

HANDLING KITCHDECK FOR WALL



✗ INCORRECT



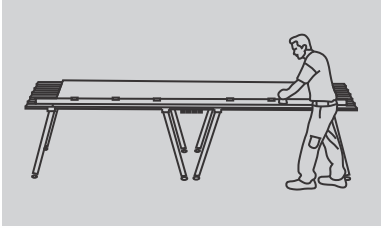
✓ CORRECT

WORKING WITH THE VARIOUS VERSIONS OF KITCHDECK COUNTERTOP

CUTTING WITH DIAMOND DISCS

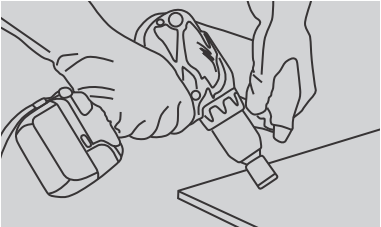
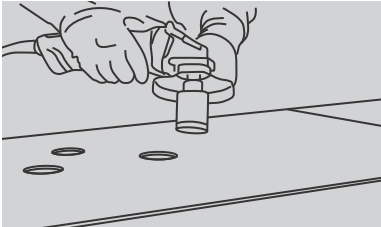


- All products of Chefstone can be cut using diamond discs fitted onto the hand-held electrical grinding machine. Disc rotation speed must be high (>10000 RPM) and should have a low feed rate (< 1 m/min). Depending on the type of disc and the length of the cut, it may be necessary to cool the disc with water. Recommended discs are the thin types generally used for cutting porcelain stoneware. The advantages of this type of cut include ease-of-execution and the possibility to cut during installation.



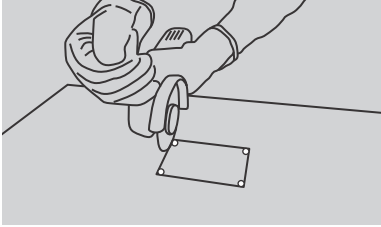
- Tile should be kept on FLAT support while cutting. Do not keep any hollow gaps underneath the tile.

DRILLING



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

INTERNAL CUT / L-SHAPED CUT

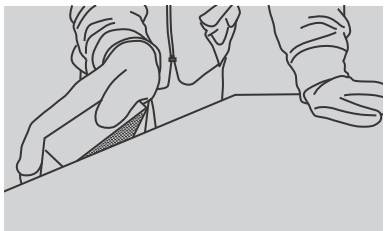


- To obtain internal and L-shaped corners, round off the vertex of the internal corner using bits with a radius of at least 5mm that reduce the risk of breakage. Then cut with diamond discs, taking care to stop moving the cutting tool forward when you reach the hole previously drilled. To drill and cut using diamond discs, follow the instructions provided above.

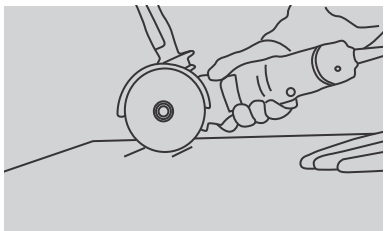
When using these tools:

- Cool the point being drilled with water
- Do not exert 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

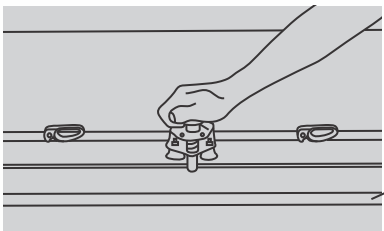
EDGE-FINISHING



- Edges can be finished by hand using abrasive diamond sponges or emery paper. With a light passage on the side of the slab, you can obtain a slightly rounded-off edge or with repeated passages a bevelled effect.



- The same results can be obtained with sanding discs fitted onto hand-held angle grinders.

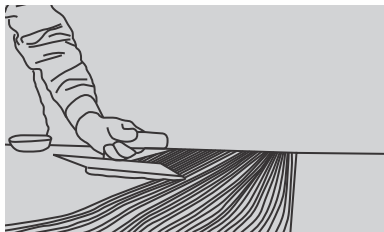


- While cutting the STRIP from the tile, put a strong support on the edge of the tile from edge to edge and then cut it. This is a must do to avoid breaking of the tile from the edges.

INSTRUCTIONS FOR MANUAL INSTALLATION:

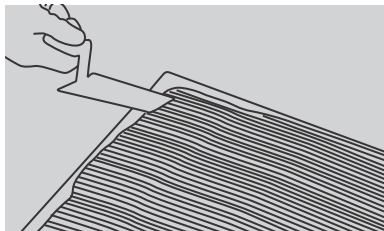
APPLYING ADHESIVE

SINGLE LAYER METHOD



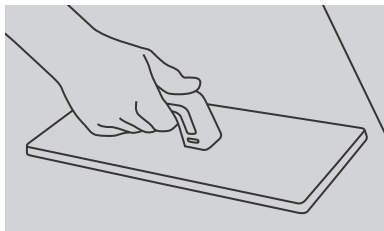
- This method refers only to adhesives that bear the indication "single- layer" by the manufacturer. Spread adhesive on the complete surface of the support. Follow the instructions of the manufacturer of the adhesive as regards type of spatula and spreading methods.

DOUBLE-LAYER METHOD



- Apply adhesive with the double-layer technique i.e. by spreading a full bed adhesive on the surface, using a 6mm square notched trowel. Then apply the adhesive also to the rear of the slab using a 3mm square notched trowel. Remember to add extra adhesive on the corners of the tile.

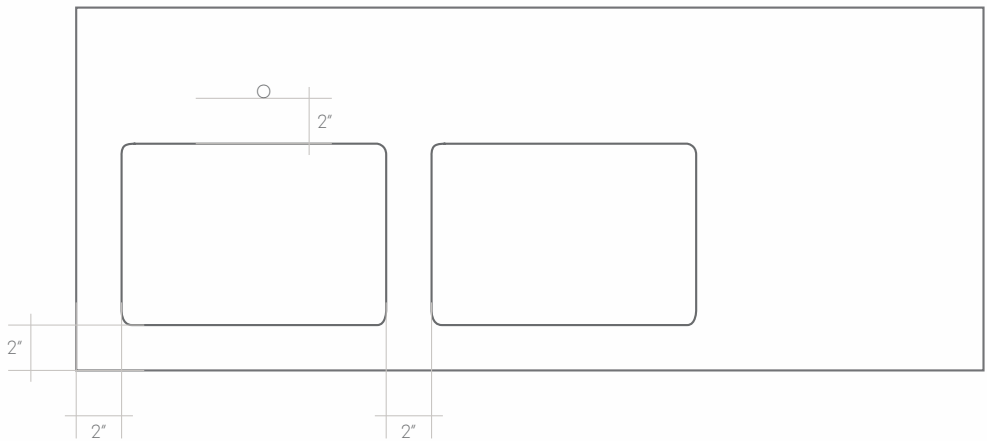
COMPRESSING THE TILE



- After laying the tile, make sure it is firmly bound to the underlying surface to prevent gaps and air bubbles forming. For this purpose you must use a tile beater with a rubber bottom.

CUTOUT DESIGN

The minimum distance between a cutout and the edge of the slab must be at least 2". The size recommends distances greater than 2" when the kitchen design allows as it makes the countertop firmer.



IMPORTANT



All cutout corners must have a minimum diameter of 1/4". Never leave 90° angles.

We recommend radiuses of more than 1/4" when the kitchen design allows as it makes the countertop firmer.



✓ CORRECT



✗ INCORRECT



✗ INCORRECT



✗ INCORRECT

The correct way to create a cutout, except with waterjet and digital control bits, is to first drill the corners and then the rest of the cuts.

GUIDELINES FOR CUTOUTS:

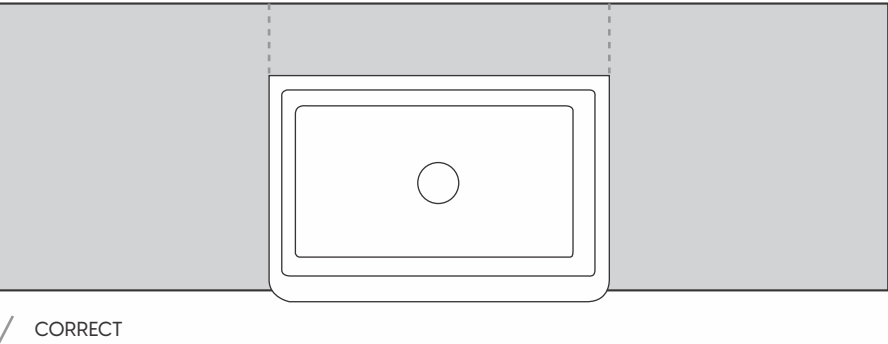
- Two straight cuts must never be joined
- No squared inner corners
- All inner corners must have one radius

If the countertop design so allows, avoid large cutouts. Experienced manufacturers make large cutouts but following their own risk assessment.

If the countertop design so allows, avoid Chefstone countertops with unbalanced weights:



Irregular cuts are also not recommended such as for a "farmhouse sink"; in these cases, add joints to the countertop design:



OBSERVATIONS

L-shaped countertops

Dividing L-shaped countertops into several parts is



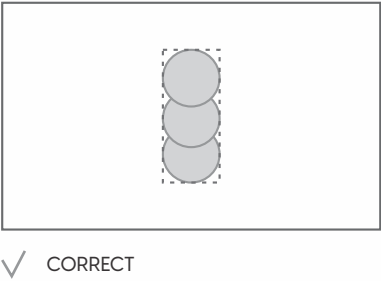
Make sure the furniture is in perfect conditions and level before installing this type of countertop.

OTHER TYPES OF DESIGNS TO BE AVOIDED:



SOCKETS AND SWITCHES:



Gaps made to insert accessories (sockets, switches, etc.) should be done using circular drills; they may overlap.



KITCHDECK COUNTERTOP CLEANING INSTRUCTIONS

DAY TO DAY CLEANING

Chefstone countertops are very easy to clean and does not require special maintenance. For daily care, use neutral detergents diluted with plenty of hot water. Detergents should not contain wax or leave glossy stains. Dry with a good quality microfibre cloth. Rinse with water once cleaned and clean off the water using another dry microfibre cloth. The detergents used should be diluted on the basis of information provided on the product packaging. Carry out a first cleaning upon the installation of the kitchen countertop in order to remove traces or residues of mastics and silicones possibly used during installation. With time and with the use of ordinary detergents sold commercially, opaque films can be formed on the surface of the plate. Some drink such as Coca Cola @,water and wine, if spilt on the surface of the tile could eliminate these films and restore the original appearance. The 'stains' created by drinks will be the only really clean parts of the tile. To avoid the formation of these waxes, and opaque stains, it is recommended to use only neutral detergents for routine cleaning. To remove the above mentioned stains the entire surface of the tile must be "dewaxed".

Neutral, wax-free detergent list		Neutral, wax-free detergent list		
() Follow the instructions given on the package. Test the product before actual use. This applies in particular to honed or polished products.		Support to clean	What do you see?	What should you do?
Name of detergent	Manufacturer	KITCHDECK COUNTERTOP	Glossy stains	What should you do? Apply a slightly acidic detergent (such as Tile Cleaner by FABERCHIMICA or Bonamain PLUS the Bonasy stems Italy) undiluted and leave for 5-10 minutes. Rub with a white pad, rinse well with water and dry with microfibre cleaning cloth.
Floor Cleaner Fila Cleaner Pflegerreiniger HMK P15 Bonamain Plus Bonadecon	Faberchimica Fila Lithofin HMK Bonasystems Italia Bonasystems Italia			
			It stains, absorbs 	

RESISTANCE TO COLD LIQUIDS

EN 12720 - RESISTANCE TO COLD LIQUIDS				
Products	Contact Time			
	16 hours	1 hour	10 min	10 sec
Acetic acid (10 % aqueous solution)	5	/	/	-
Acetone	5	-	-	/
Ammonia (10 % aqueous solution)	5	/	/	-
Red Wine	5	/	/	-
Citric acid (10 % aqueous solution)	5	/	/	-
Detergent Solution	5	/	-	-
Coffee	5	/	-	-
Chloramine T (2.5% aqueous solution)	5	/	/	-
Ethanol (48% aqueous solution)	5	/	/	-
Ethyl-butyl acetate (1:1)	5	-	-	/
Olive Oil	5	/	/	-
Paraffin oil	5	/	-	-
Sodium Carbonate (10 % aqueous solution)	5	/	-	-
Sodium chloride (15% aqueous solution)	5	/	-	-
Tea	5	/	-	-
Distilled water	5	/	-	-
Lager Beer	5	/	/	-

Evaluation of the results	
/	Not necessary
-	Not required by UNI 10944

CATAS porcedure - RESISTANCE TO COLD LIQUIDS (CLEANING PRODUCTS)	
Products	Contact Time : 16 hours
Cif Gel with bleach	5 (No change)
Cif Spray active with bleach	5 (No change)
Cillit Bang limestone and dirt	5 (No change)
Cif Power Cream Kitchen	5 (No change)
Ajax Classic Universal	5 (No change)
Glassex with ammonia	5 (No change)
Multipurpose Sanitizing Vetril	5 (No change)
Ace bleach	5 (No change)
Viakal	5 (No change)
Denatured alcohol	5 (No change)
Ammonia (sol6 / 7 %)	5 (No change)
Mastro Lindo	5 (No change)
Ajax floors	5 (No change)
Rio Casamia floors	5 (No change)
Lysoform Casa	5 (No change)

Evaluation of the results	Contact Time : 16 hours
5	No change
4	Slight level of change
3	Moderate level of Change
2	Significant level of Change
1	Very high level of change

HEAVY CLEANING

In general it is recommended to proceed with a first cleaning process with warm water and a mild detergent. If this operation is not sufficient, one can proceed to more aggressive cleaning techniques, depending on the nature of the stain. It is very important to respect the information in the data sheets and labels of the products used. With the use of cleaners listed below, it is recommended to pay special attention, as they are particularly aggressive, especially around the cooking hob, sink and in any adjacent elements that are not made of laminated porcelain.

Support to clean	Type of dirt	What to use	Instructions	Name of detergent	Manufacturer
KITCHDECK COUNTERTOP	Coffee, Coca Cola®, fruit juice	Detergent Alkaline-based	Follow the instructions given by the manufacturer of the detergent.	Coloured stain remover Ps87 Greslind	Faberchimica Fila Panarica Group
	Wine	Oxidising detergent	Follow the instructions given by the manufacturer of the detergent.	Oxidant	Faberchimica
	Lime residues	Acid-based etergents	Follow the instructions given by the manufacturer of the detergent. Test the product on the tiles before use. This ooolies in particular to honed or polished products.	Viakal	Procter & Gamble
	Rust	Acid-based etergents	Dilute the product and apply directly on the stain.Allow to act for 10/20 minutes then rinse thoroughly. If necessary repeat.Test the product on the tiles before use. This applies in particular to honed or polished products.	Diluted muriatic acid	(various manufacturers))
	Pencil marks and metal marks	Abrasive paste	Follow the instructions given by the manufacturer of the detergent. Test the product on the tiles before use. This applies in particular to honed or polished products.	Polishing cream Vim clorex Detergum (*) Strong remover (*) (*DO NOT use on lapped or polished products.	Faberchimica Guaber Zep Italia Faberchimica
	Ink,felt-tip pen	Detergent solvent based	Solvents should be applied undiluted directly on the stain. Let them act for about 15/30 seconds. If necessary repeat. As far as "Coloured stain remover" is concerned, follow the manufacturer's instructions.	Nitro thinner 1,2-dichloroethylene Turpentine / white spirit Coloured stain remover	(various manufacturers) (various manufacturers) (various manufacturers) Faberchimica
	Nail polish	Detergent solvent based	Solvents should be applied undiluted directly on the stain. Let them act for about 15/30 seconds. If necessary repeat.	Acetone Solvent for nail polish	(various manufacturers) (various manufacturers)
	Dirt from grout	Detergent for grout	Follow the instructions given by the manufacturer of the detergent	Fuganet Fugenreiniger	Fila Lithofin

