



the edition

THE EXCLUSIVE
SELECTION OF
SUPERIOR SURFACES



800x2400mm
800x3000mm
800x3200mm

BENITOZ

LUXURIOUS PORCELAIN FOR AN UNMATCHED LIFESTYLE

EMBRACE LUXURIOUS LIVING WITH AN
EXCEPTIONAL COLLECTION OF ITALIAN-INSPIRED
PORCELAIN SLABS IN EXTRAVAGANT SIZES &
GRANDEUR.

Our spaces are picture windows to our perspective, preferences, philosophy, and how we see and perceive the world. These spaces tell a story about us, the places we have been, the people we have met, and the life we seek to achieve. They are our reflection, mirrors that reflect and resonates with the beauty we see in the world and wish to create.

Creating these spaces in the reflection of your memories, vision, and design sensibilities is the crucial thing, and finding the right material becomes vital to achieving the spaces that speak the volumes of your personality and translate how you see the world and wish to create the same in your very own abode and space.

To help you bring the spaces of your vision to life and accomplish the lifestyle you have envisioned, Harmony Surfaces brings you a lavish collection of surfaces inspired by the sartorial brilliance of Italian ceramics. The extravagant collection combines larger-than-life eminence of exquisite surfaces and colossal sizes for unmatched ambiance.

Poetry embedded in surfaces, the collection, and its surfaces tells a story and presents you with options to help you translate yours into your spaces. A perfect package, the collection combines unparalleled aesthetics with equally unmatched qualities and sizes that, with mere eminence, can transform spaces lavishly.



UNMATCHED EXTRAVAGANCE

BENITOZ



Achieving spaces luxurious, timeless that stand against time, is a task, and we at Harmony Surfaces take such challenges seriously to bring you surface solutions

that is classic and modern, stylish and strong, reliable and resilient. We bring you a collection peerless in size, features, and more. The surfaces are available in

five different colossal sizes with four different thicknesses, finishes, and endless design options to help you create spaces oriented toward your vision.

BENITOZ

CRAFTED ELEGANTLY FOR SPACES EXCELLENT

The Harmony Surface Collection is a painstakingly designed collection of surfaces to transform spaces into excellent and exceptional spaces that look and feel not like others, not common. These surfaces are designed keeping an extraordinary feel in mind to evolve spaces equally extraordinary. And to do the same, we resorted to the ultimate inspiration - the nature.



The surfaces and slabs of the exclusive collection draw their inspiration from the ceaseless source of inspiration - nature. The aesthetic cues hidden in the depths of history, time's mystery, a treasure trove of aesthetics like a cascade of running water, vertical channels of marble veins, stretching mountain ranges, lush green meadows and valleys, deep colors, and

sophisticated conviviality of natural stones, and more interspersed with the simplicity that lies in abundance within the nature takes the shape of surfaces in this extravagant collection. All these and more inspire the collection, offering you timeless objects of inheritance that not only decorate your spaces but also give them the essence of natural elegance and

contemporary brilliance, which sets a dialogue between two different worlds conversing amicably and fetching an elegance unseen before. The collection also draws inspiration from the strength that resides in the stones, age-abiding mountains, and more of nature to create functional spaces that seemingly blend with aesthetics with an unmatched sublimity and tailored artistry.



Harmony
SURFACES

BENITOZ

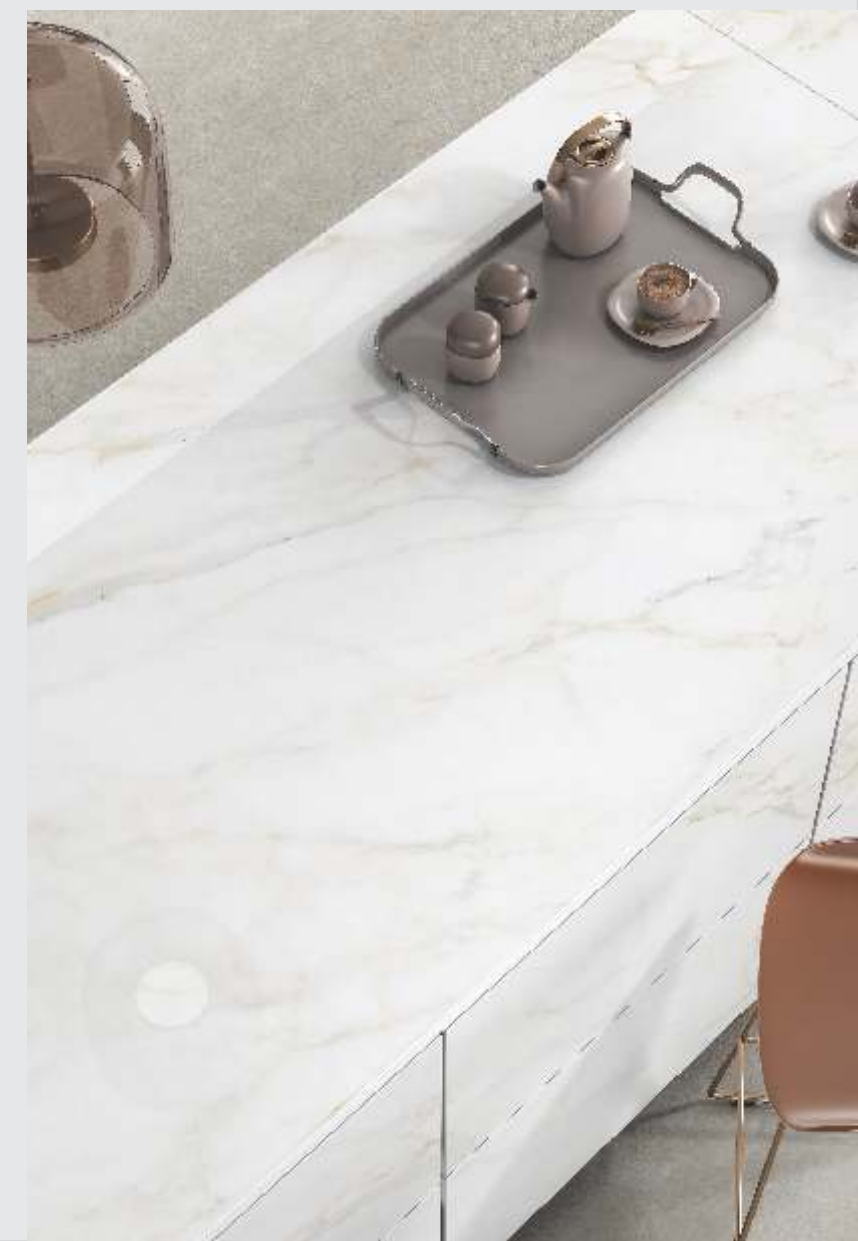
Surface Tech

THE ULTIMATE PORCELAIN INNOVATION

Exceptional technology is behind the exceptional collection of slabs from Harmony Surfaces. The collection is backed by years of experience in the industry, technical know-how, research and development, and innovative technology - Surface Tech. An exclusively developed technology - Surface Tech combines the old and new world of porcelain and processes to craft surfaces unmatched in aesthetics and functionality.

The technology is the amalgamation of regulated processes that ensures optimum color output, blemish-free finishing, dimensional stability of enormous slabs, and raw material processing that leaves no room for lack in durability and strength. The technology employs leading ceramic technology imported from Spain and pairs it with traditional ceramic making for the best of both worlds.

CERAMIC TECHNOLOGY



BENITOZ

WITNESS UNPARALLELED COLOSSAL EMINENCE

To strike a balance between extravagance and functionality, the exceptional collection from Harmony Surfaces is designed in an array of colossal sizes to deliver spaces with apt solutions that fit their aesthetic and functional needs effortlessly.

Available in five magnificent sizes in thickness ranging from 6mm to 15mm, the collection offers remarkable application solutions to different needs. Above the physical attributes, the collection is also available in five different finishes for

the aesthetics and practical needs of different spaces. The versatility of size, thickness, and finish of the surfaces opens extensive design possibilities in spaces, giving a free hand to homeowners and designers to bring their vision to life.



**800x
3000mm**
15mm

**800x
3200mm**
15mm

**800x
2400mm**
15mm

Thicknesses

✕ 15mm

Finishes Variants

Polished, Matt



REDEFINING BEAUTY REDEFINING UTILITY

Devoiding your spaces and interiors of mediocracy, the collection brings exceptional solutions and aesthetic brilliance to the forefront for spaces to redefine beauty and utility at the same time without any compromise in any of the aspects.

FEATURES



Anti-microbial hygienic surface

Exceptionally non-porous surface discourages microbial growth, offering spaces hygienic and safe for contact with food and more.



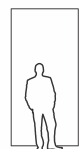
Ultra-high heat resistance

Higher tolerance to heat and heated objects, the surface retains its colors and shape while under moderate use in kitchen & dining spaces.



Superior stain resistance

The non-porous surface paired with quality glazing through a special process offers surfaces superior resistance towards stains and decoloration.



Extensive possibilities

The size options, thickness options, and multiple finishes paired with a plethora of options open new horizons to extensive application possibilities.



Resists UV rays

Unlike other surfaces, the surfaces of this collection are resistant to impairment resulting from UV rays like decoloration and more, offering spaces longer life and beauty.

At Harmony Surfaces, we believe resilience and beauty go hand in hand, and our surfaces, superior in aesthetics, must be superior in resilience to look beautiful over time. Therefore, the collection surfaces are designed to be highly resilient, with attributes that lead to longer life and easy maintenance.



Low maintenance needs

The glaze, raw material, processes, and non-porosity make the surfaces easy to maintain, needing only regular cleaning.



Stable & non-fading colors

The quality of materials and dyes offers colorfastness and resistance, making the colors stable and non-fading over time.



Exceptional scratch resistance

The premium quality glaze and the process lend exceptional scratch resistance to the surface, making them newer looking for longer.



Easy to clean

The low-maintenance surface, resistant to stains and scratches, is really easy to clean with just simple and regular cleaning.



Lasts a lifetime

The durable build, premium raw material, expertly crafted size and thickness, and resistant qualities make the surfaces of the collection long-lasting.

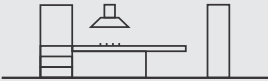
EMBRACE
FUNCTIONALITY
AESTHETICALLY

Balancing aesthetics and functionality, both superior in degree, is a feat to achieve, and by striving hard, Harmony Surfaces has managed to deliver both in a capacity unmatched in the industry. The collection offers application possibilities in almost every space with versatility in utility and aesthetics.

APPLICATIONS



Doors & Sliding Walls



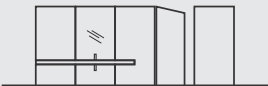
Kitchen Tops



Floors, Walls & Stairs



Ventilated Facades



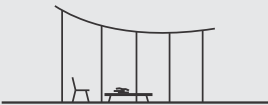
Bathroom Vanities



Backlit Aesthetics



Interior Designs



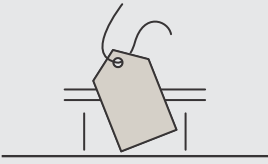
Curved Surfaces



Shelves & Consoles



Residential



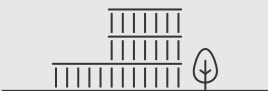
Shops



Malls



Public Spaces



Offices & Commercial Areas



Hospitals



Restaurants



Airports



Train Stations

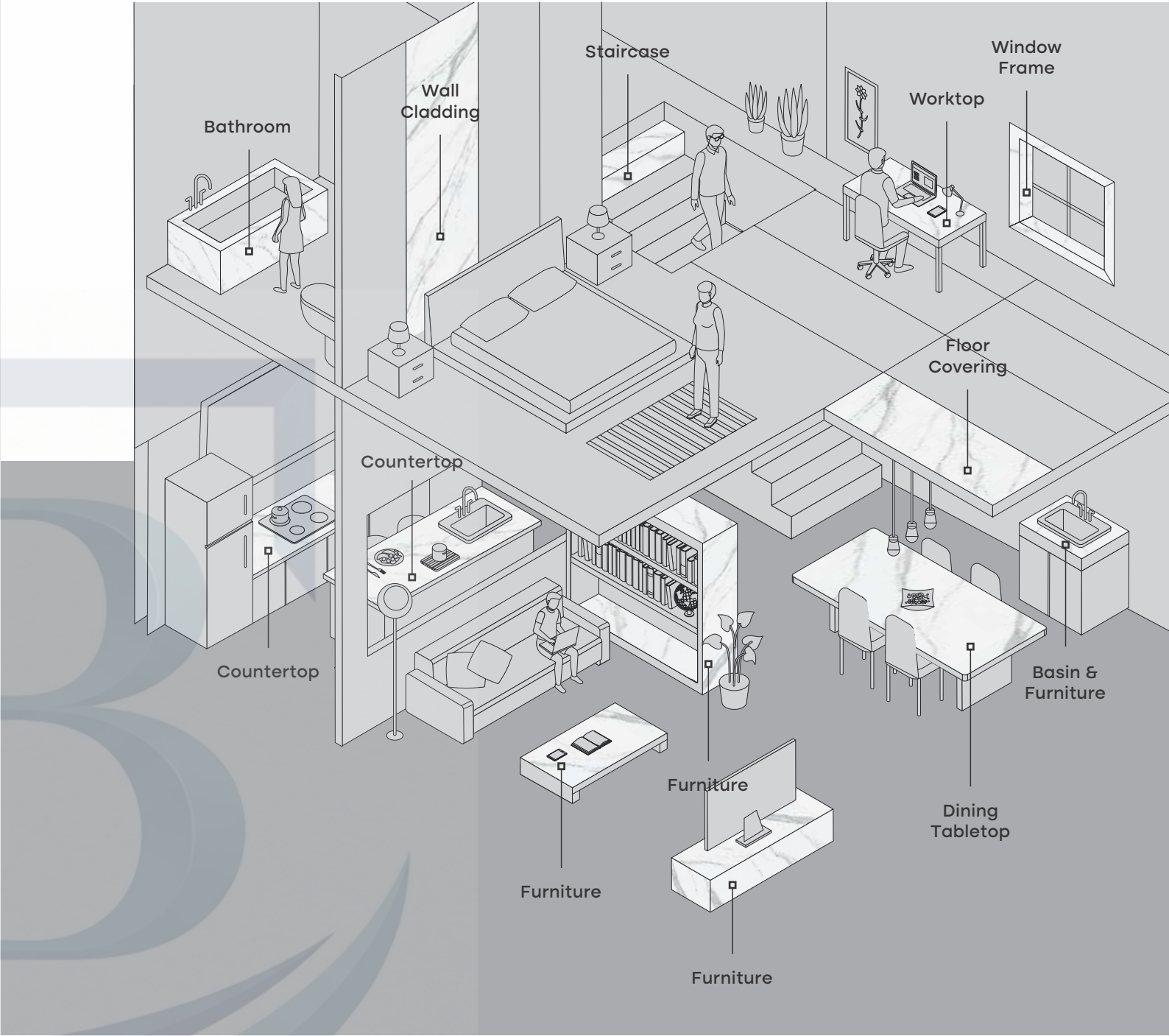
FUNCTIONALITY
FOR UNRESTRICTED
APPLICATION



The collection & its formats open boundless application possibilities in your spaces.

The slabs of the collection in versatile sizes are ideal for a long list of applications in different spaces. The formats are ideal for direct and effortless countertop applications, such as dining tabletops, kitchen countertops, bathroom

vanities, and worktops. The slabs offer truly seamless flooring and wall cladding offering ease of application to spaces like fireplaces, window and door frames, lift frames, and a lot more.



Application Areas

- | | | | |
|---|-----------------|---|---------------------|
|  | Countertop |  | Staircase |
|  | Dining tabletop |  | Window & Door Frame |
|  | Lift Frame |  | Basin & Furniture |
|  | Bathroom |  | Fireplace |
|  | Worktop |  | Wall Cladding |
|  | Elevation |  | Floor Covering |



Reception Table
Apollo White

APOLLO WHITE

**APOLLO
WHITE**



800x3200mm

800x2400mm

Surface **Polish**
Random **2**
Thickness **15mm**
Type **White Body**

Surface **Polish / Matt**
Random **2**
Thickness **15mm**
Type **White Body**





Island Platform
Ariston Bianco

Wall & Furniture
Ariston Bianco

ARISTON BIANCO

**ARISTON
BIANCO**



800x2400mm

Surface **Polish**

Random **3**

Thickness **15mm**

Type **White Body**



CALACATTA BELISIMO

**CALACATTA
BELISIMO**



800x3200mm

800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**





CALACUTTA LIGHT



CALACUTTA
LIGHT

800x3200mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**



CARRARA GOLD

CARRARA
GOLD



800x3200mm

800x2400mm

Surface **Polish / Matt**
Random **3**
Thickness **15mm**
Type **White Body**

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**





Dining Tabletop
Cloudy Onyx

CLOUDY ONYX



CLOUDY
ONYX

800x2400mm

Surface **Polish / Matt**
Random **3**
Thickness **15mm**
Type **White Body**

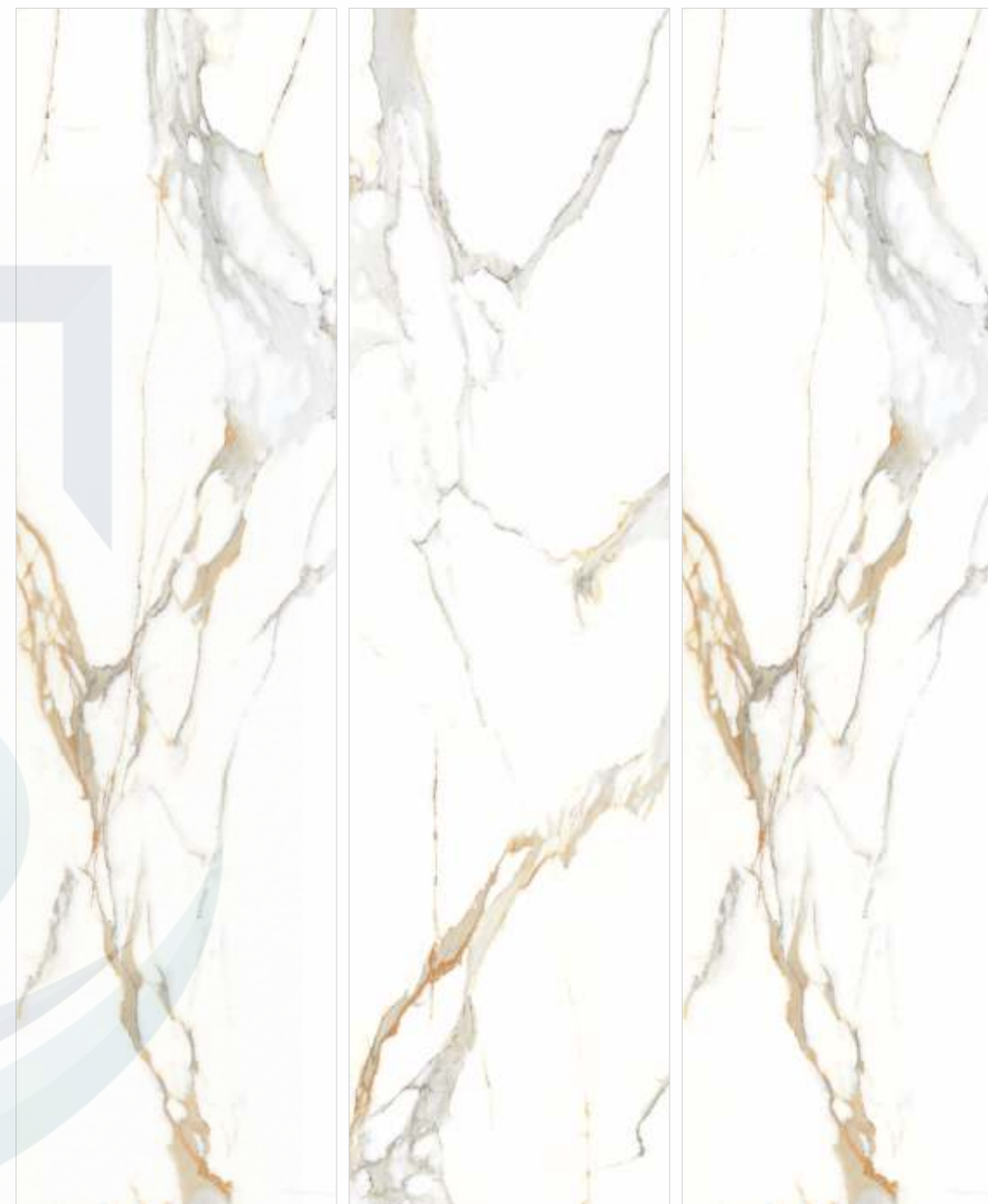




Island Platform
Golden Statuario

GOLDEN STATUARIO

**GOLDEN
STATUARIO**



800x2400mm

Surface **Polish / Matt**
Random **2**
Thickness **15mm**
Type **White Body**



STATUARIO GOLD

**STATUARIO
GOLD**



800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**



ROSSO ONYX



ROSSO
ONYX

800x2400mm

Surface **Polish**
Random **2**
Thickness **15mm**
Type **White Body**



PRIMAVERA

PRIMAVERA



800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**



STATUARIO AFGHAN

**STATUARIO
AFGHAN**



800x3200mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**



STATUARIO BOOK MATCH

**STATUARIO
BOOK MATCH**



800x3200mm

Surface **Polish**
Bookmatch **A+B**
Thickness **15mm**
Type **White Body**



ARBESCCATO

ARBESCCATO



800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**



STATUARIO GREY

**STATUARIO
GREY**



800x2400mm

Surface **Polish / Matt**
Random **3**
Thickness **15mm**
Type **White Body**



STATUARIO NATURAL

STATUARIO
NATURAL



800x3200mm

800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**



STATUARIO REGALIA

STATUARIO
REGALIA



800x2400mm

Surface **Polish / Matt**
Random **3**
Thickness **15mm**
Type **White Body**

ROME



ROME



800x3200mm

Surface **Polish / Matt**
Random **3**
Thickness **15mm**
Type **White Body**



STATUARIO SCALA

**STATUARIO
SCALA**



800x3200mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**



VOLAKAS GRIGIO

**VOLAKAS
GRIGIO**



800x2400mm

800x3200mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**

Surface **Polish**
Random **3**
Thickness **15mm**
Type **White Body**

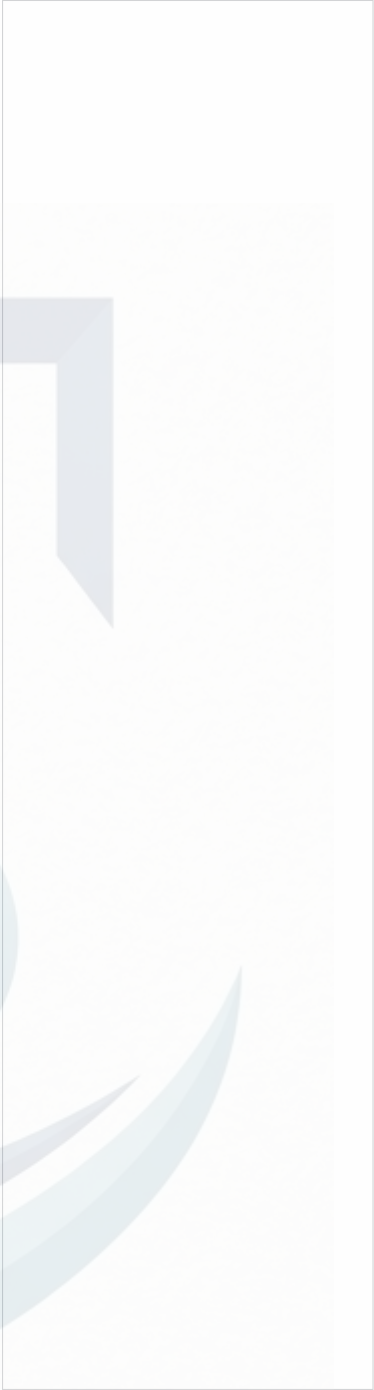


HARMONY
WHITE

HARMONY
BLACK

HARMONY
WHITE

HARMONY
BLACK



800x3200mm
800x2400mm

Surface **Polish / Matt**
Thickness **15mm**
Type **White / Black Body**

800x2400mm

Surface **Polish / Matt**
Thickness **15mm**
Type **White / Black Body**



AMAZONITE

AMAZONITE



800x2400mm

Surface **Polish**
Random **4**
Thickness **15mm**
Type **Grey Body**

ARMANI GREY

ARMANI
GREY



800x2400mm

800x3200mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **Grey Body**

Surface **Polish**
Random **3**
Thickness **15mm**
Type **Grey Body**



SLATE PIETRA

**SLATE
PIETRA**



800x3200mm

Surface **Matt**
Random **2**
Thickness **15mm**
Type **Grey Body**



PIETRA GREY

**PIETRA
GREY**



800x2400mm

Surface **Polish / Matt**
Random **3**
Thickness **15mm**
Type **Grey Body**

800x3200mm

Surface **Matt**
Random **3**
Thickness **15mm**
Type **Grey Body**



OROBICO



OROBICO

BENITOZ



800x3200mm

Surface **Polish**
Random **4**
Thickness **15mm**
Type **Grey Body**



**BRAZZILIAN
GRANITE**

BRAZZILIAN GRANITE

BENITOZ



800x2400mm

Surface **Polish**
Thickness **15mm**
Type **Grey Body**

TRAVERTINO GRIS

**TRAVERTINO
GRIS**



800x3200mm

Surface **Matt**
Random **4**
Thickness **15mm**
Type **Grey Body**

TRAVERTINO CREMA

TRAVERTINO
CREMA



800x3200mm

Surface **Matt**
Random **3**
Thickness **15mm**
Type **Ivory Body**

TURKEY ONYX

**TURKEY
ONYX**



800x2400mm

Surface **Polish / Matt**
Random **3**
Thickness **15mm**
Type **Ivory Body**



BOTOCHINO

BOTOCHINO



800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **Ivory Body**





Island Platform
Patagonia Classic

Kitchen Countertop
Patagonia Classic

PATAGONIA CLASSIC

**PATAGONIA
CLASSIC**



800x3200mm

Surface **Polish**
Random **2**
Thickness **15mm**
Type **Ivory Body**

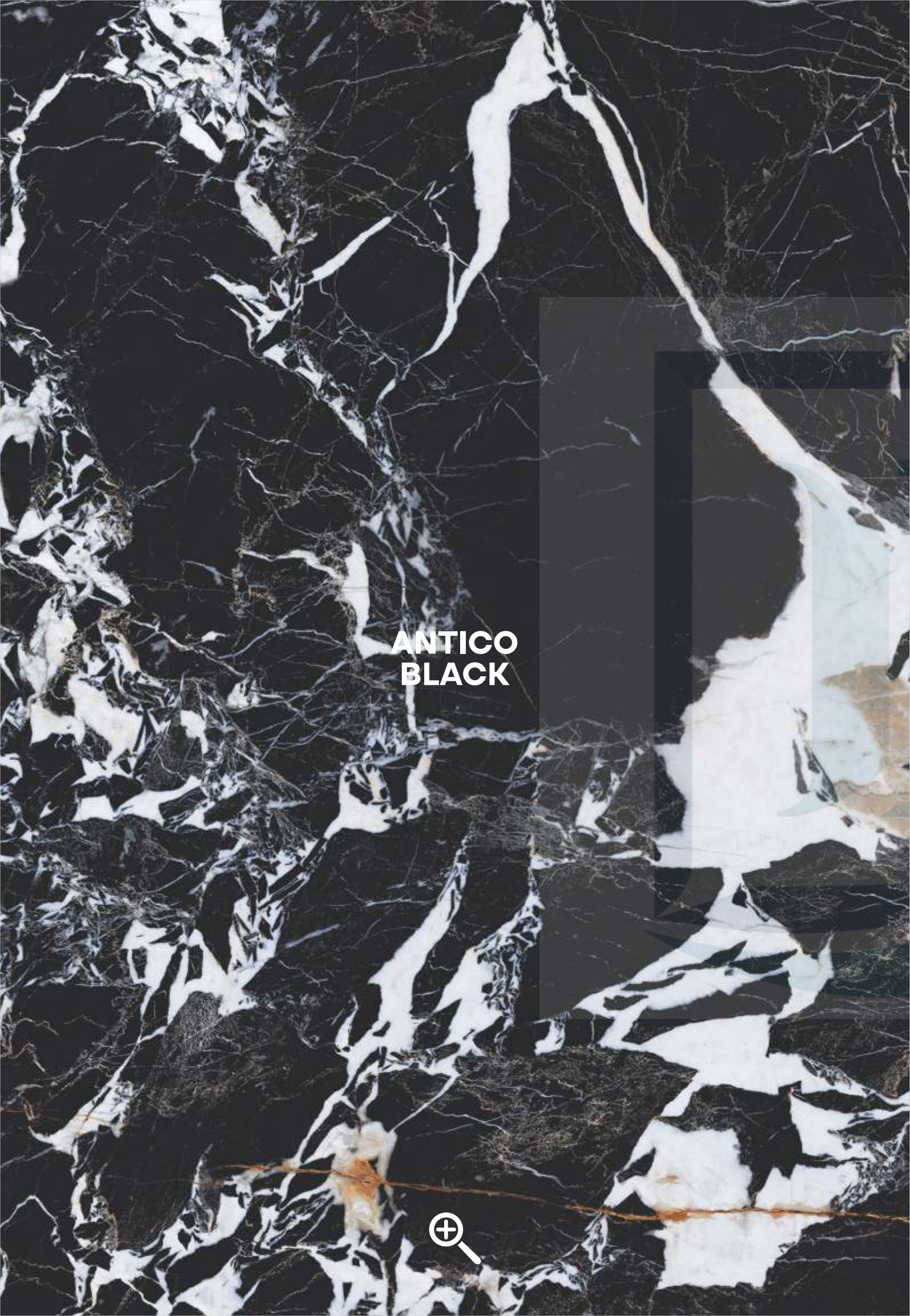
ILLUSION BRONZE

**ILLUSION
BRONZE**



800x3200mm

Surface **Matt**
Random **4**
Thickness **15mm**
Type **Brown Body**

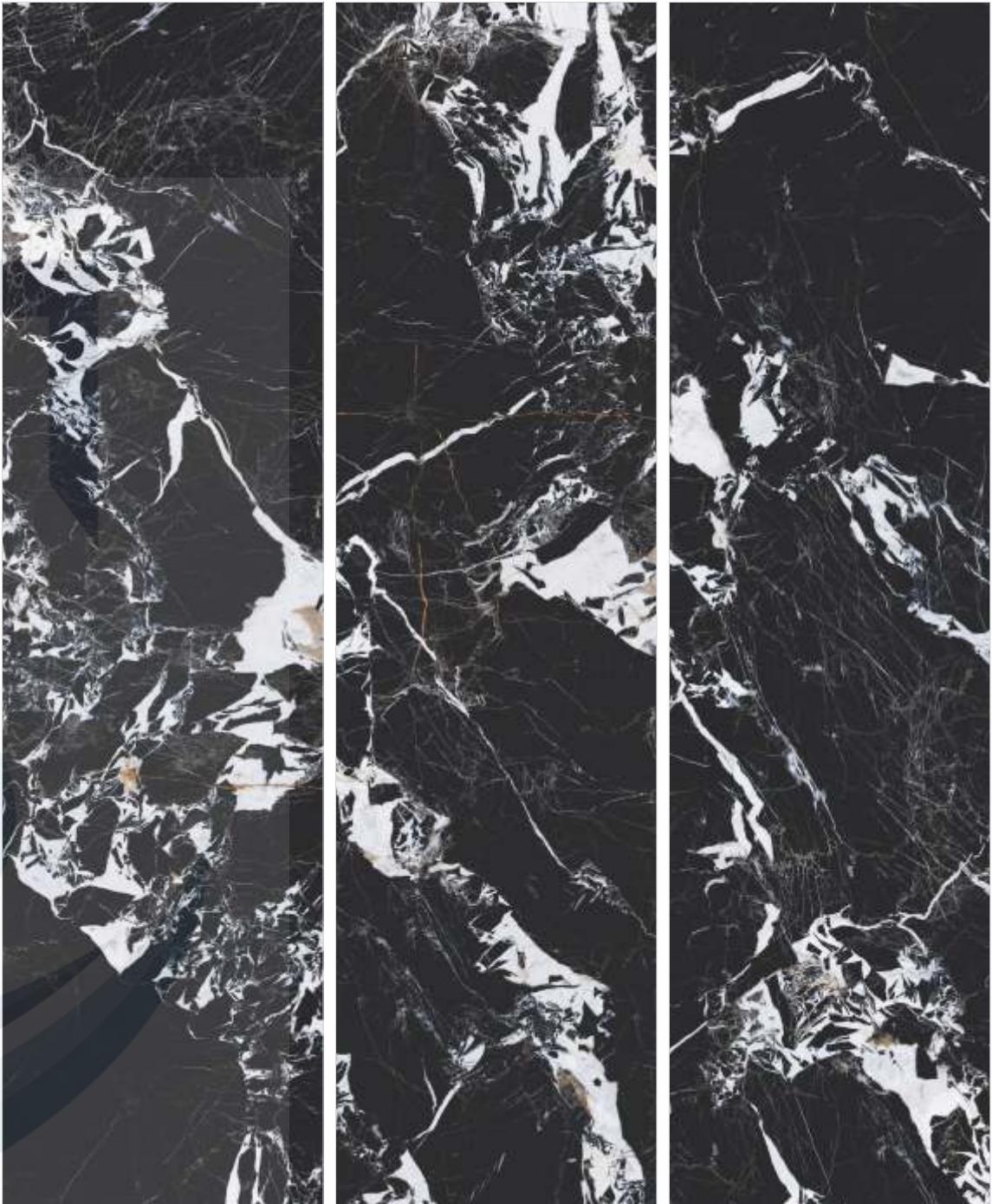


**ANTICO
BLACK**



ANTICO BLACK

BENITOZ



800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **Black Body**

ATLAS NEO

**ATLAS
NEO**

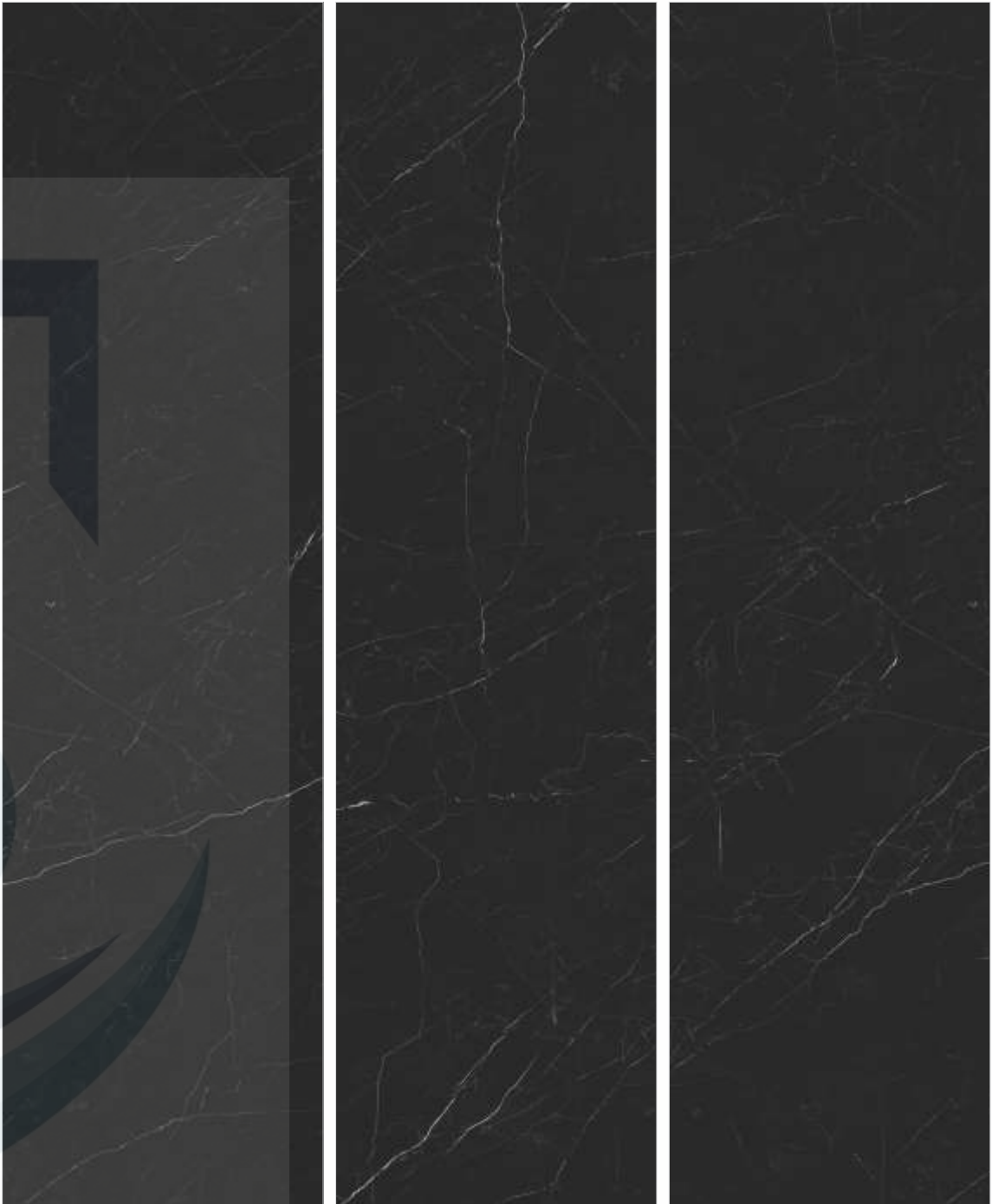


800x2400mm

Surface **Polish**
Random **2**
Thickness **15mm**
Type **Black Body**

BELGIUN BLACK

BELGIUN
BLACK



800x2400mm

800x3200mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **Black Body**

Surface **Polish**
Random **3**
Thickness **15mm**
Type **Black Body**



BLACK FUSION

BLACK
FUSION



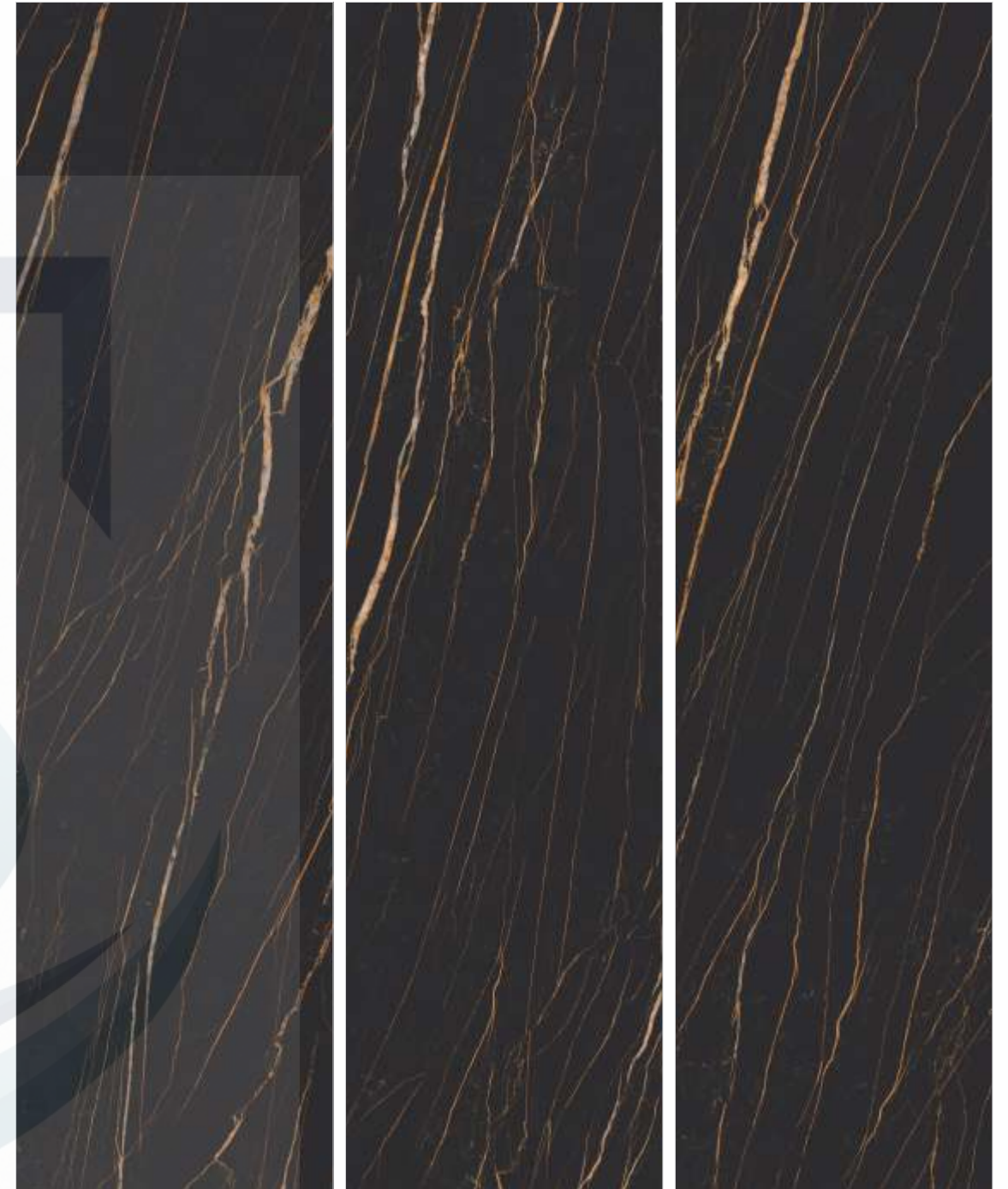
800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **Black Body**



BLACK GOLD

**BLACK
GOLD**



800x2400mm

Surface **Polish**

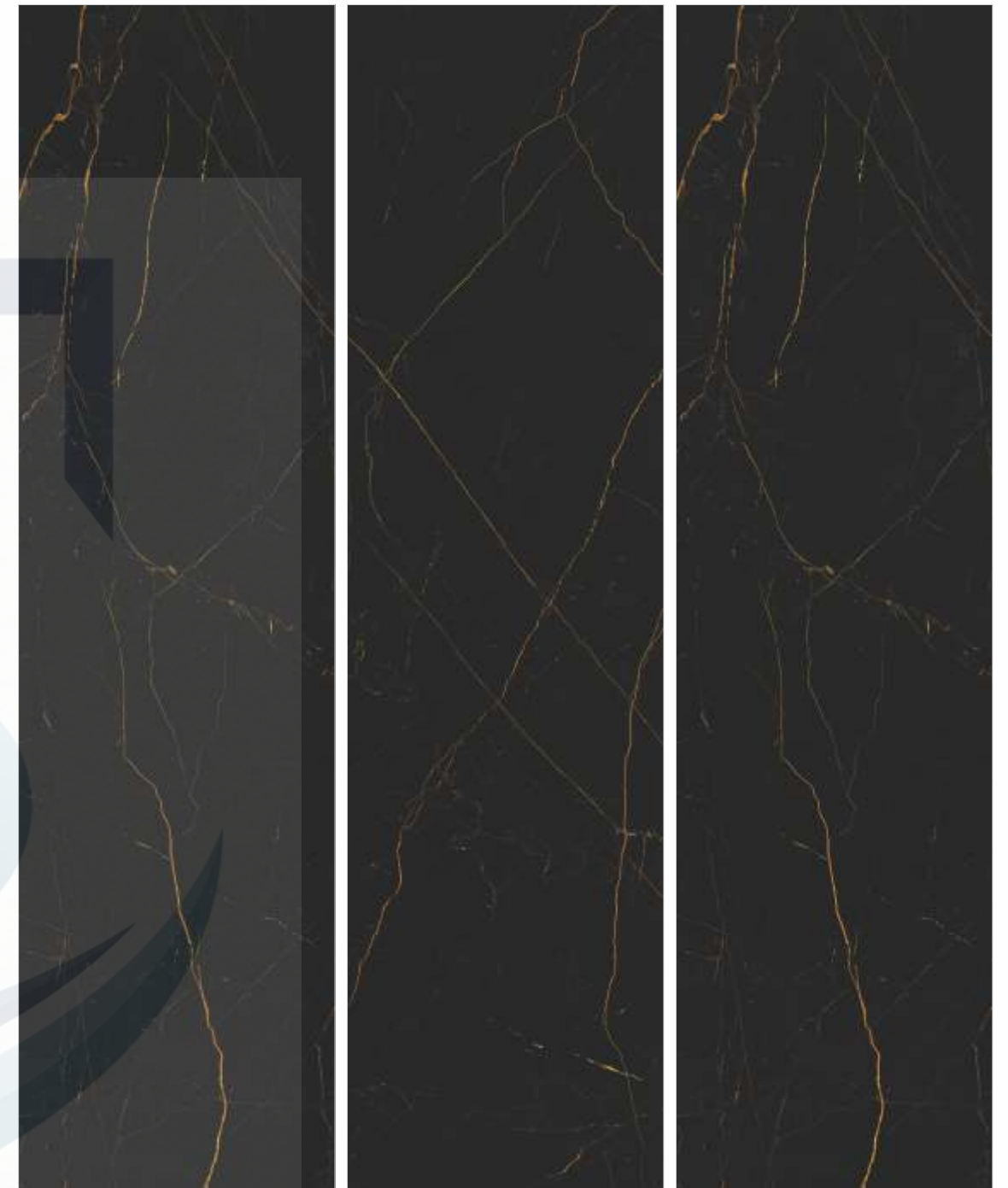
Random **4**

Thickness **15mm**

Type **Black Body**

BLACK NOIR

**BLACK
NOIR**



800x3200mm

Surface **Polish**

Random **2**

Thickness **15mm**

Type **Black Body**



Tabletop
Black Portoro

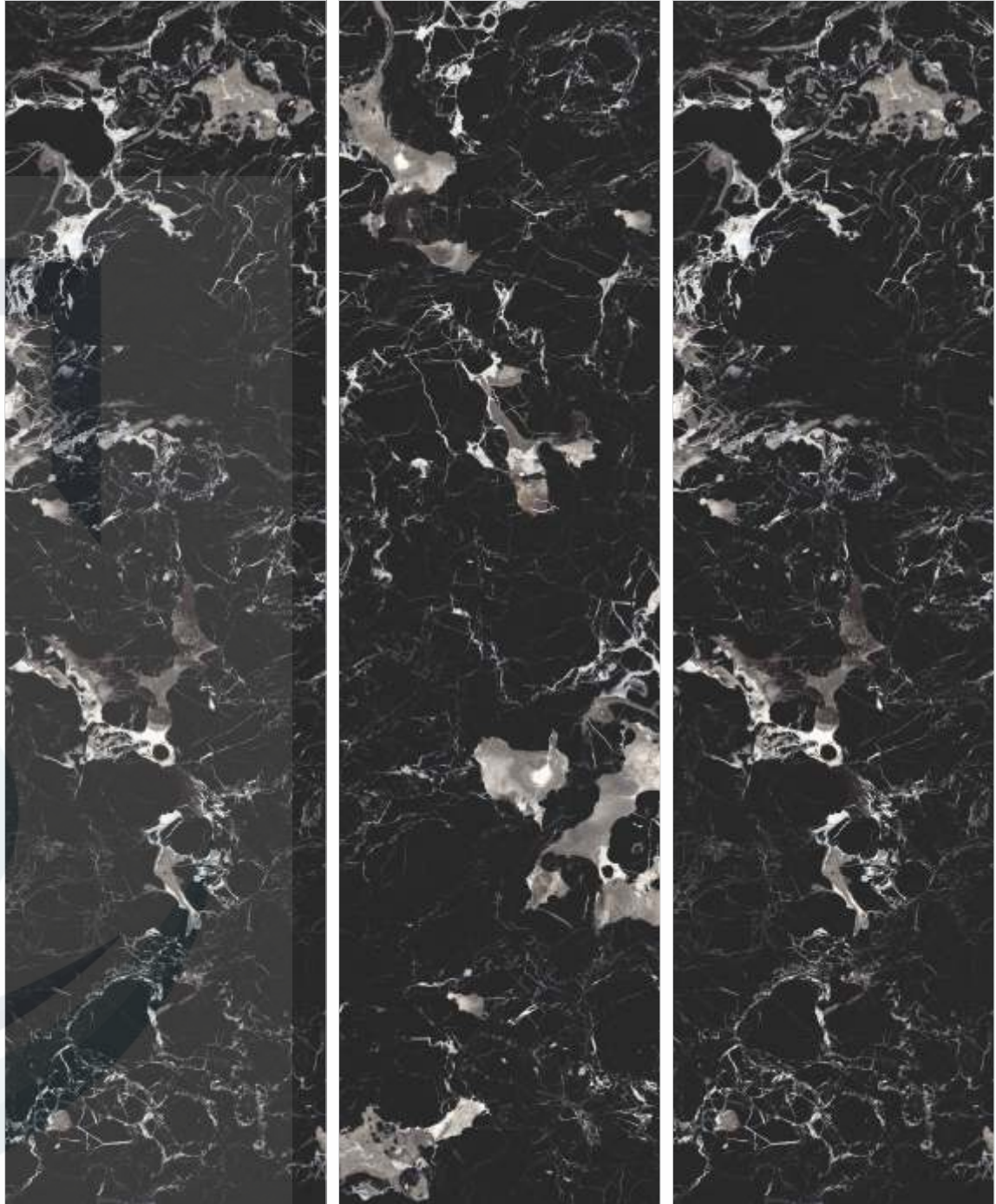


**BLACK
PORTORO**



BLACK PORTORO

BENITOZ



800x3200mm

Surface **Polish**
Random **2**
Thickness **15mm**
Type **Black Body**

LABRADORITE



LABRADORITE

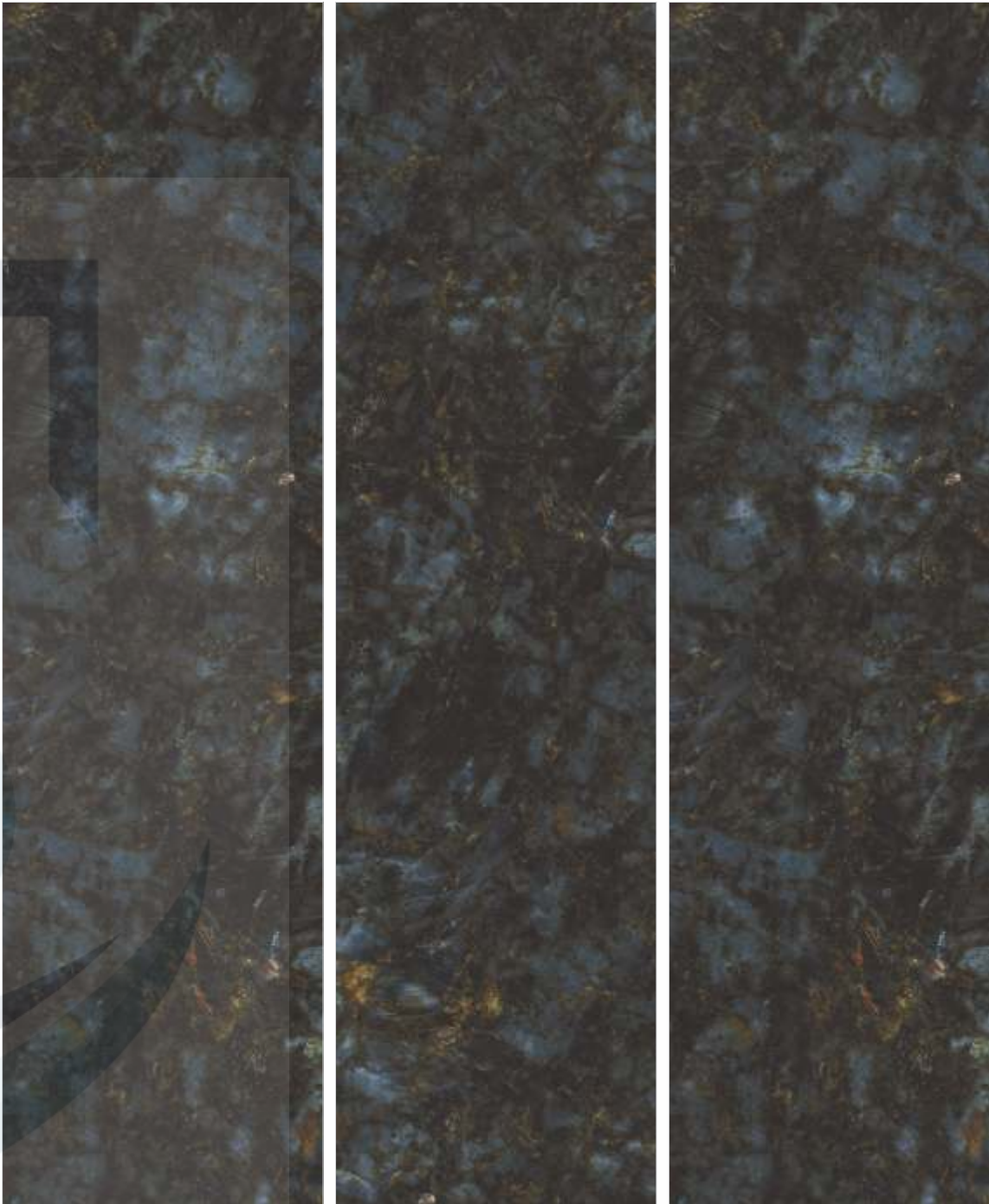


800x2400mm

Surface **Polish**
Random **3**
Thickness **15mm**
Type **Black Body**

MARCUS AQUA

MARCUS
AQUA

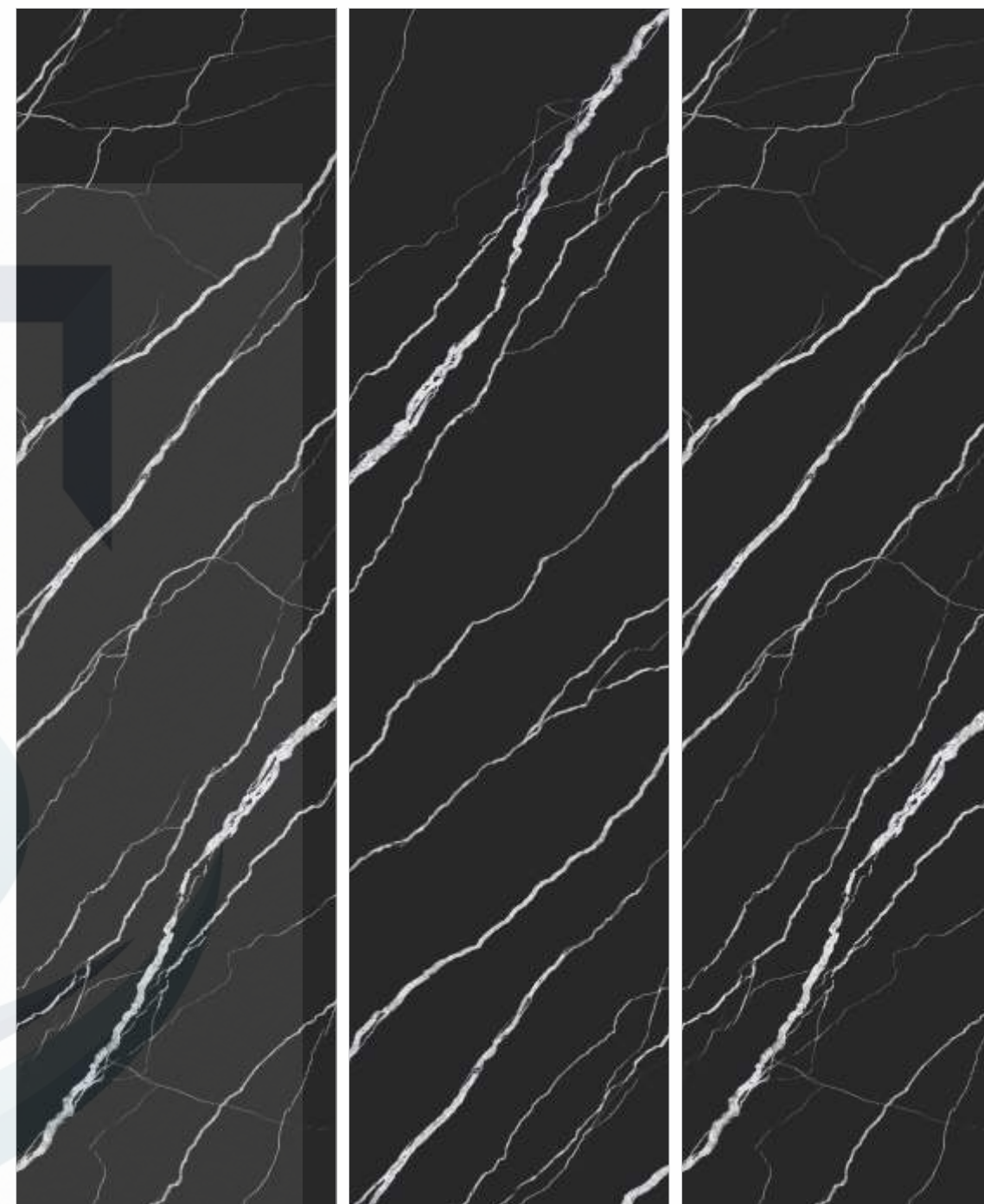


800x3200mm

Surface **Polish**
Random **2**
Thickness **15mm**
Type **Black Body**



MARQUINA FUSION



800x2400mm

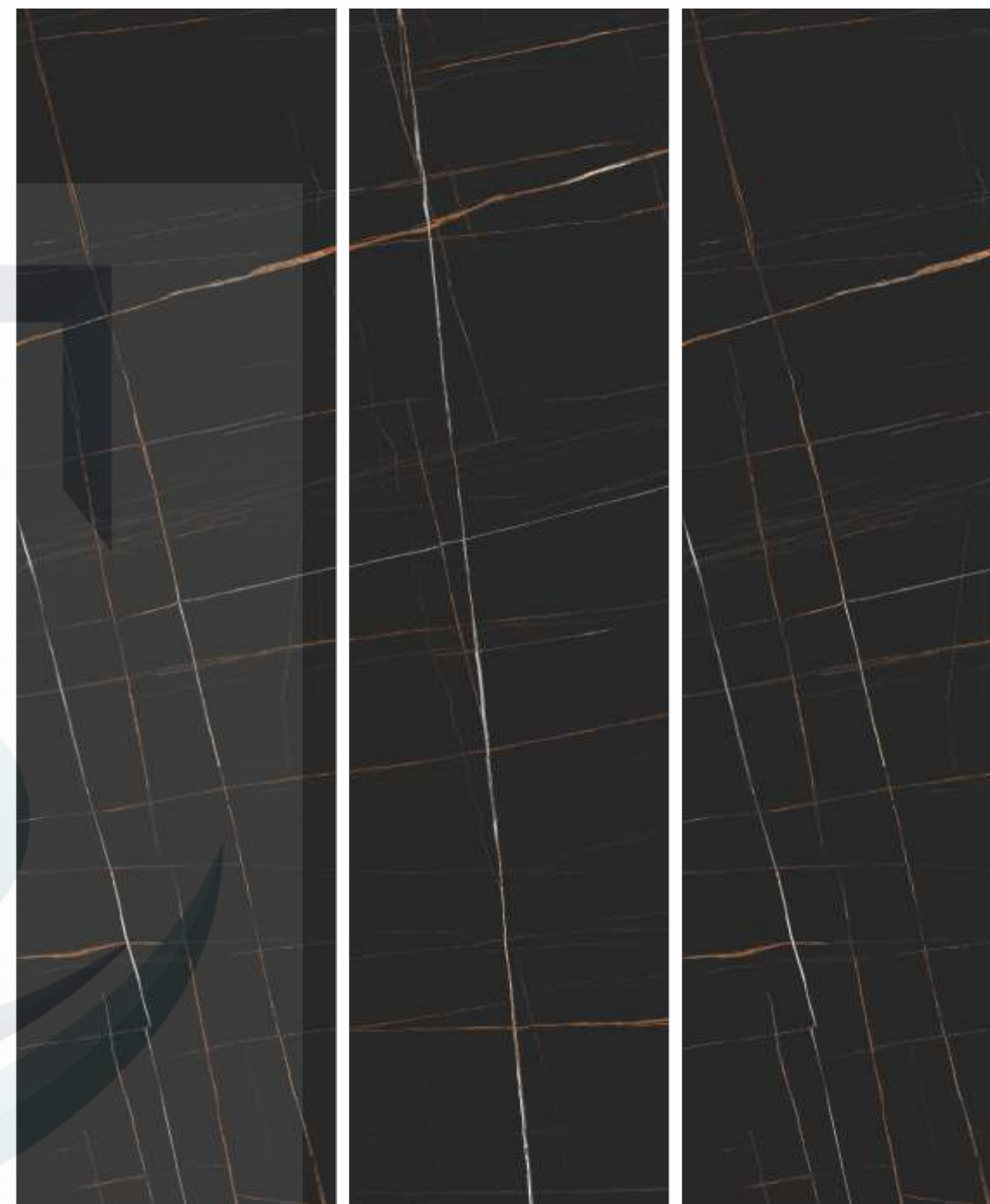
Surface **Polish / Matt**
Random **2**
Thickness **15mm**
Type **Black Body**

**MARQUINA
FUSION**



LAURENT GOLD

**LAURENT
GOLD**



800x2400mm

Surface **Polish / Matt**
Random **2**
Thickness **15mm**
Type **Black Body**



SEITE BIANCO

SEITE NERO

**SEITE
BIANCO**



800x3000mm

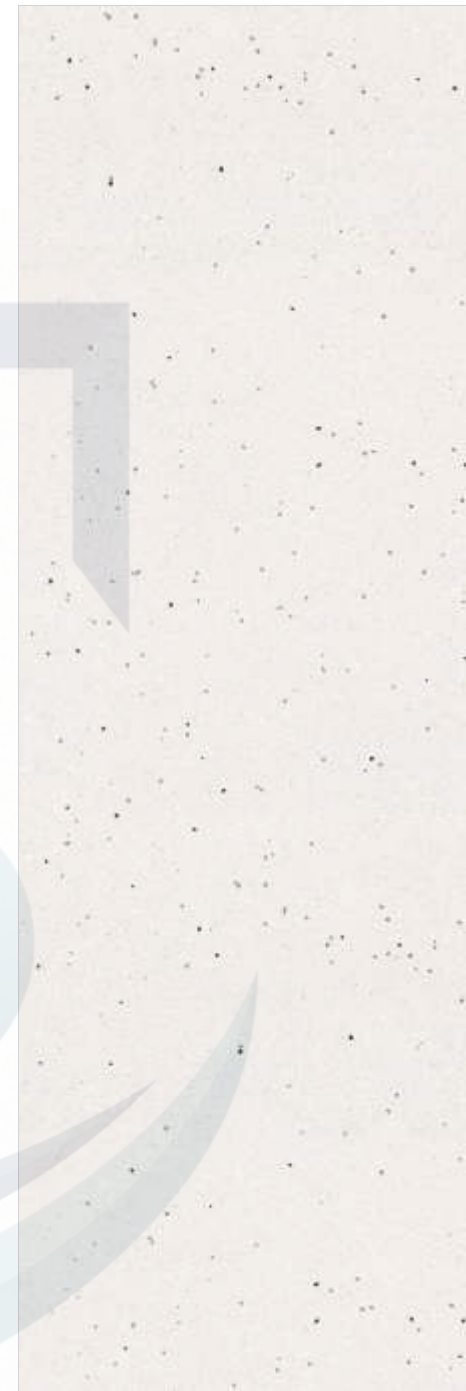
Surface **Polish**
Thickness **15mm**
Type **Full Body**



TERREZO WHITE



TERREZO WHITE



**TERREZO
WHITE**

800x2400mm

Surface **Polish**
Thickness **15mm**
Type **Full Body**



TERREZO CREMA



TERREZO CREMA



**TERREZO
CREMA**

800x2400mm

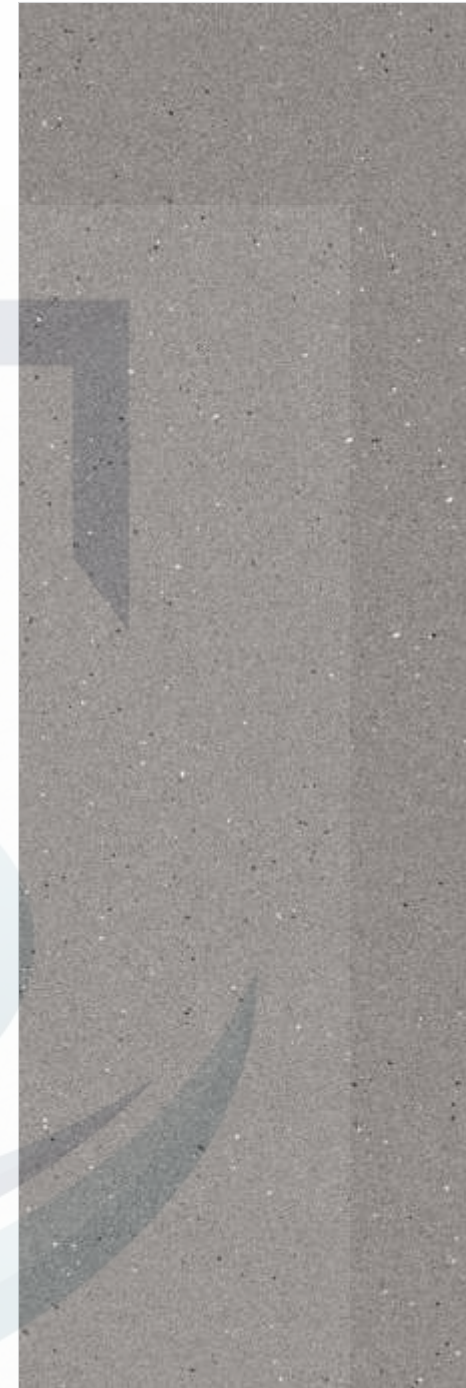
Surface **Polish**
Thickness **15mm**
Type **Full Body**



TERREZO GREY



TERREZO GREY



**TERREZO
GREY**

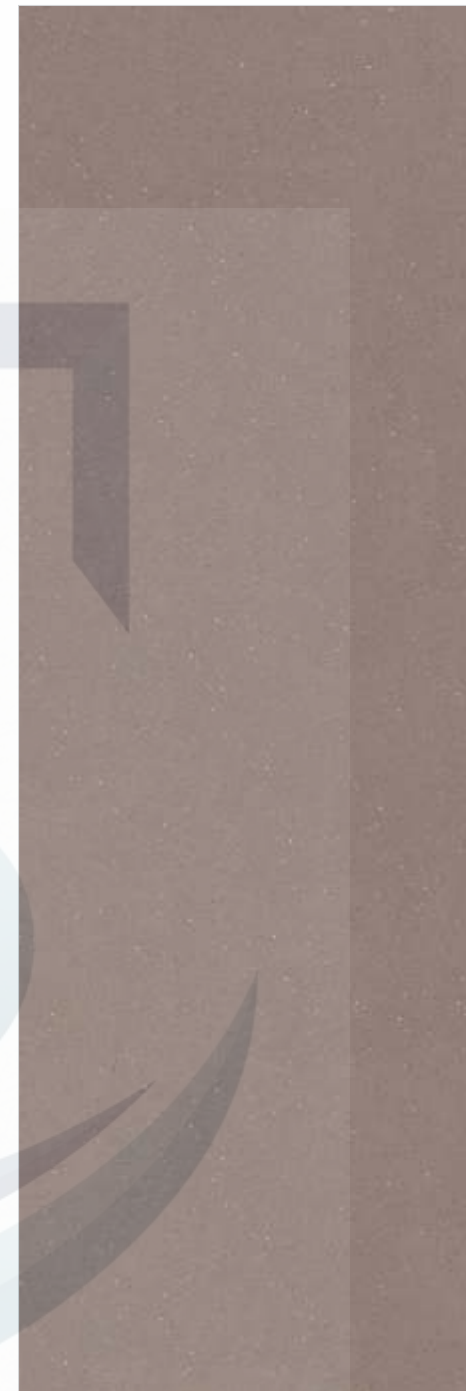
800x2400mm

Surface **Polish**
Thickness **15mm**
Type **Full Body**





TERREZO BURLEY



800x2400mm

Surface **Polish**
Thickness **15mm**
Type **Full Body**

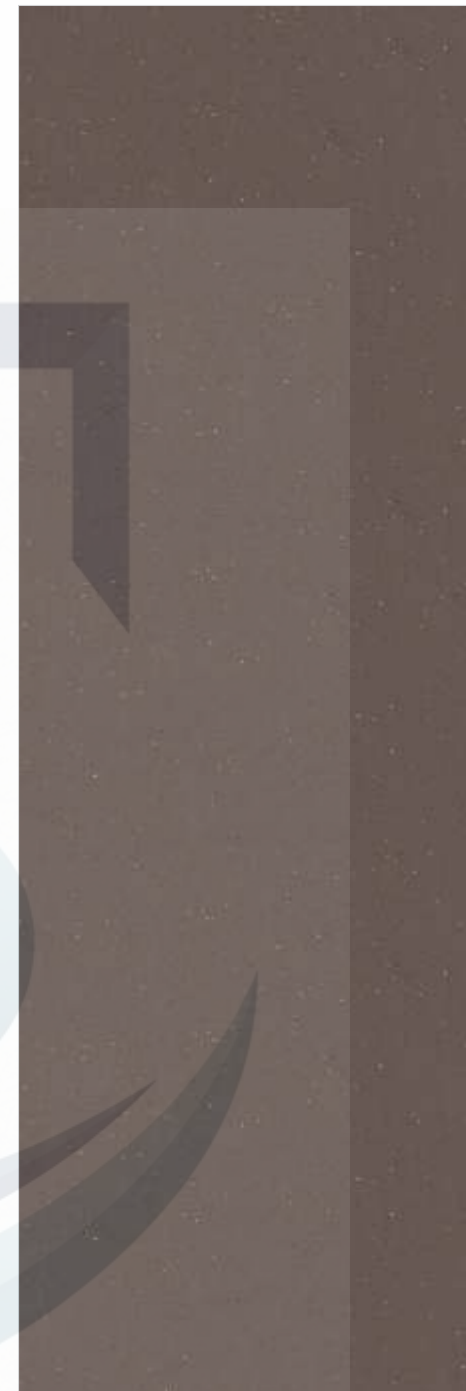
**TERREZO
BURLEY**



TERREZO CHOCO



TERREZO CHOCO



800x2400mm

Surface **Polish**
Thickness **15mm**
Type **Full Body**

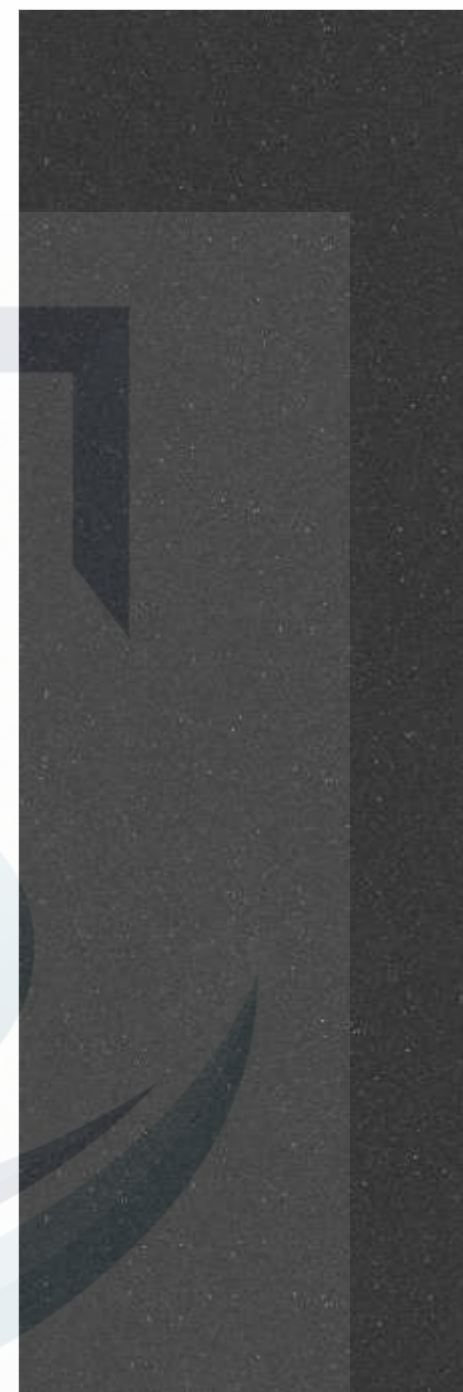
**TERREZO
CHOCO**



TERREZO BLACK



TERREZO BLACK



800x2400mm

Surface **Polish**
Thickness **15mm**
Type **Full Body**

**TERREZO
BLACK**





ELEZZO CHOCO



800x2400mm

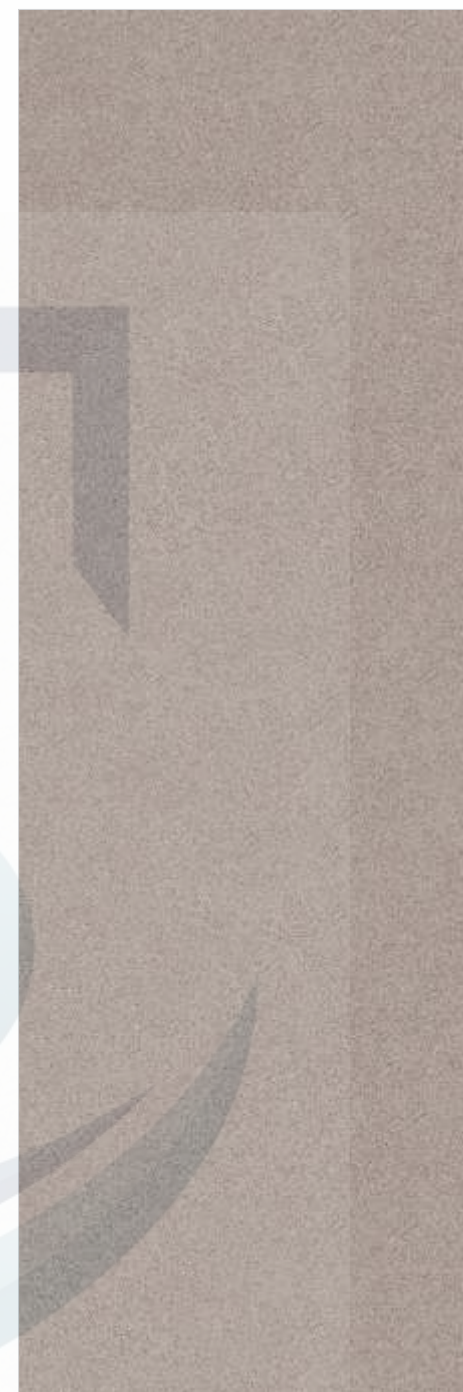
Surface **Matt**
Thickness **15mm**
Type **Full Body**

ELEZZO
CHOCO





ELEZZO BURLEY



**ELEZZO
BURLEY**

800x2400mm

Surface **Matt**
Thickness **15mm**
Type **Full Body**



ELEZZO CREMA



ELEZZO CREMA



**ELEZZO
CREMA**

800x2400mm

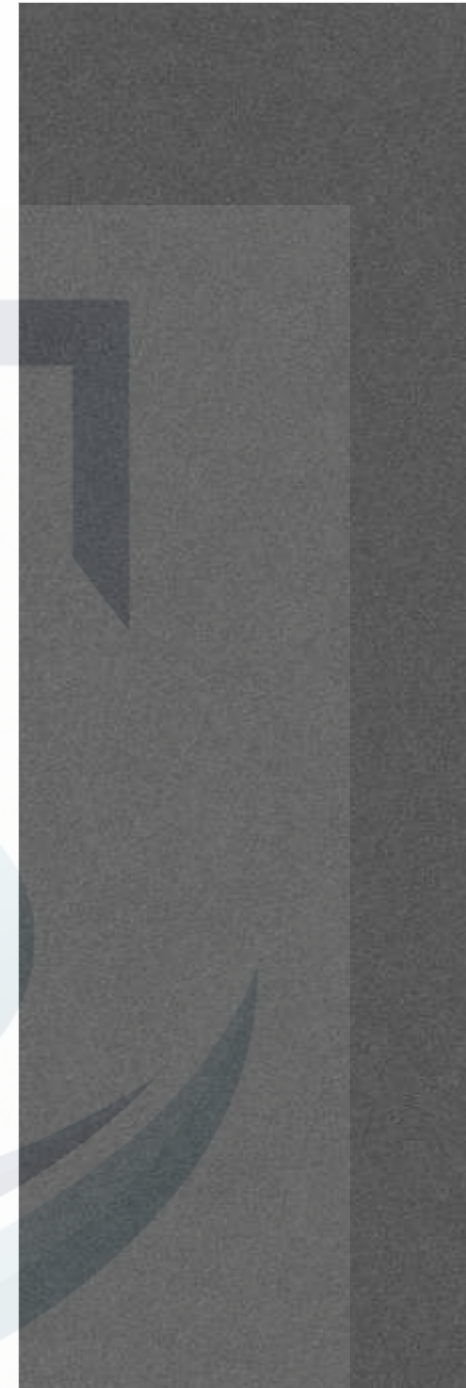
Surface **Matt**
Thickness **15mm**
Type **Full Body**



ELEZZO BLACK



ELEZZO BLACK



**ELEZZO
BLACK**

800x2400mm

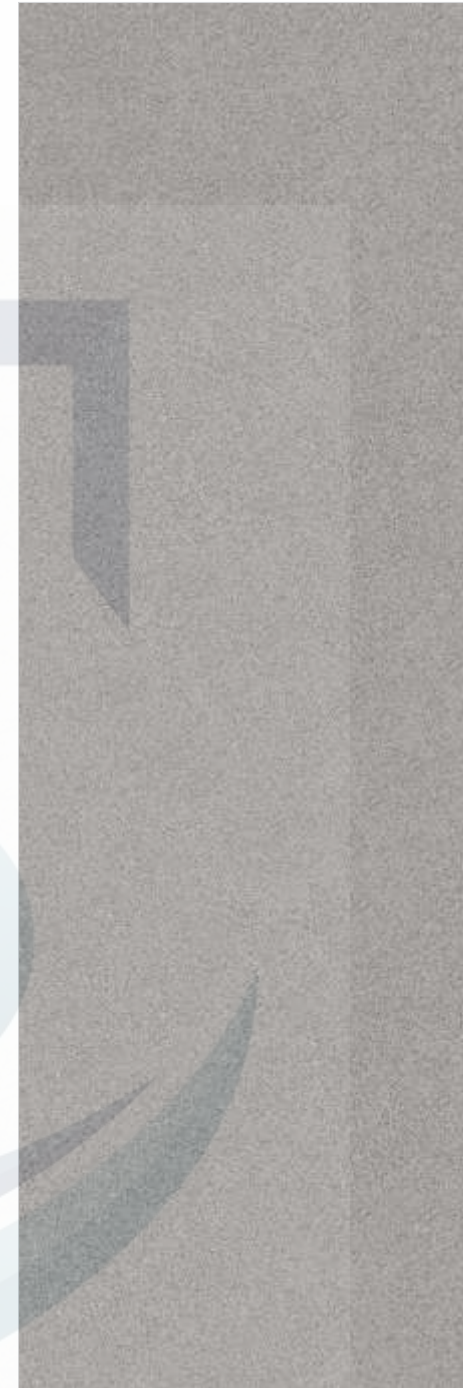
Surface **Matt**
Thickness **15mm**
Type **Full Body**



ELEZZO GREY



ELEZZO GREY



**ELEZZO
GREY**

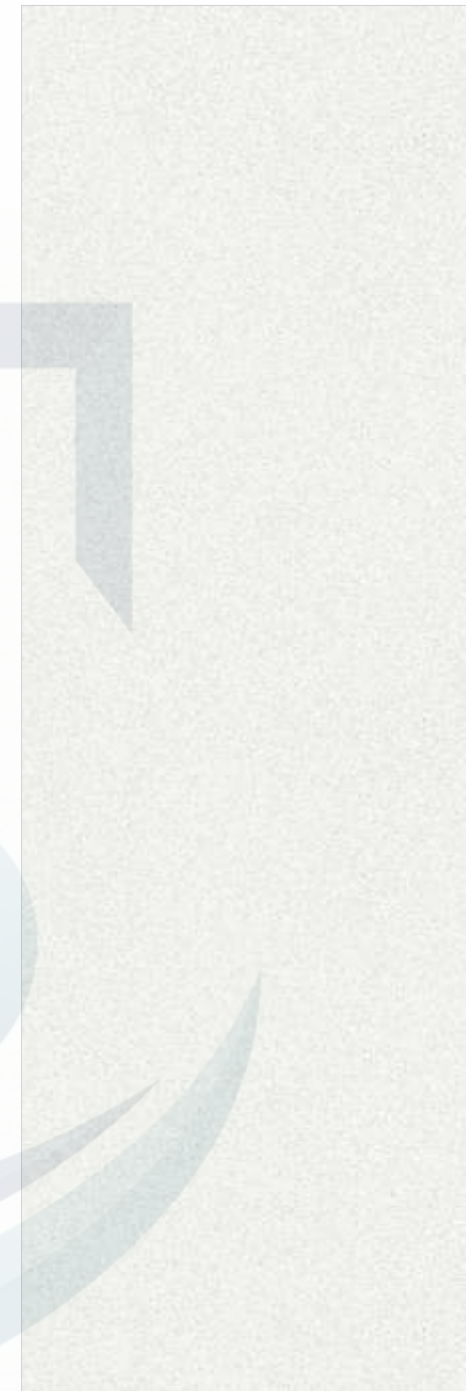
800x2400mm

Surface **Matt**
Thickness **15mm**
Type **Full Body**





ELEZZO WHITE



**ELEZZO
WHITE**

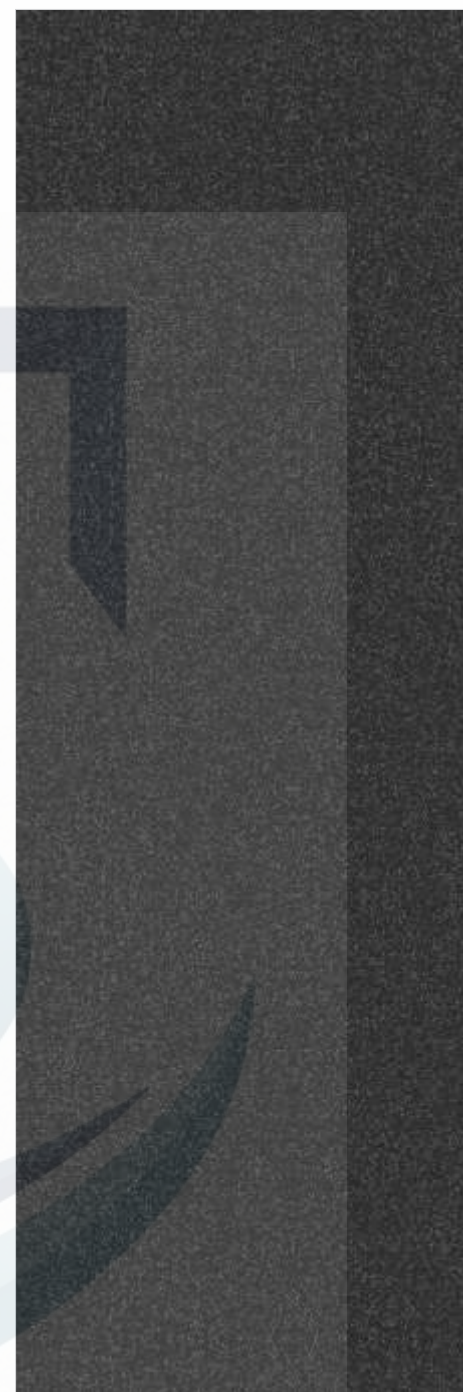
800x2400mm

Surface **Matt**
Thickness **15mm**
Type **Full Body**





GLITER BLACK



**GLITER
BLACK**

800x2400mm

Surface **Matt Carving**
Thickness **15mm**
Type **Full Body**



GLITER WHITE



GLITER WHITE



GLITER
WHITE

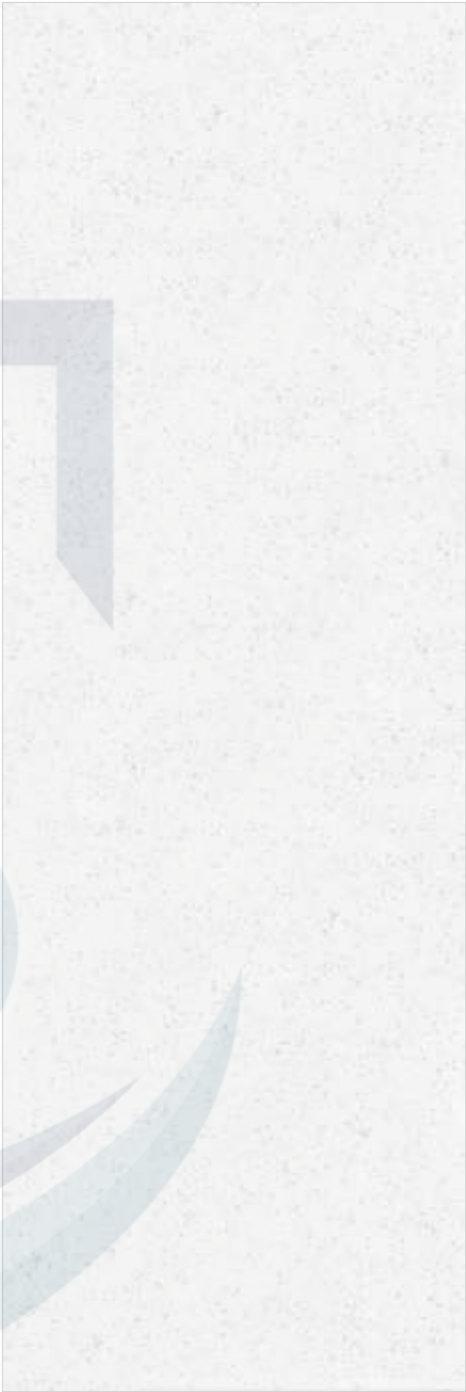
800x2400mm

Surface **Matt Carving**
Thickness **15mm**
Type **Full Body**





ELETONE BIANCO



ELETONE
BIANCO

800x2400mm

Surface **Polish**
Thickness **15mm**
Type **Full Body**



BENITOZ

POLKA WHITE



POLKA WHITE



800x2400mm

Surface **Polish / Matt**
Thickness **15mm**
Type **Full Body**

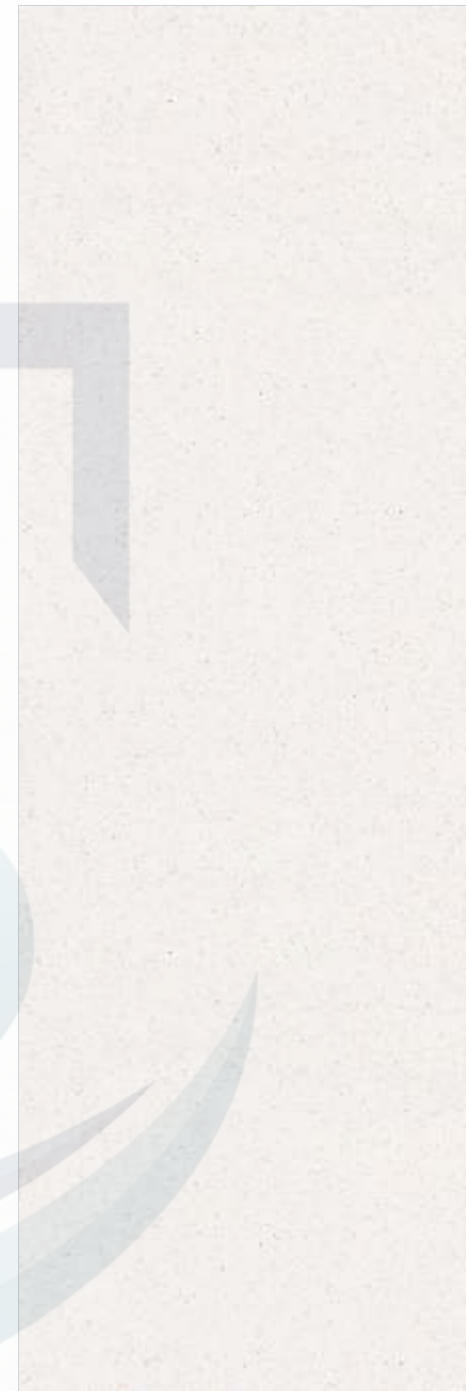
**POLKA
WHITE**



POLKA RAINBOW



POLKA RAINBOW



POLKA RAINBOW

800x2400mm

Surface **Polish**
Thickness **15mm**
Type **Full Body**





AIZA GREY

AIZA
GREY



800x2400mm

Surface **Polish / Matt**
Thickness **15mm**
Type **Full Body**





AIZA BONE



**AIZA
BONE**

800x2400mm

Surface **Polish / Matt**
Thickness **15mm**
Type **Full Body**



AIZA HARBOR



AIZA HARBOR



**AIZA
HARBOR**

800x2400mm

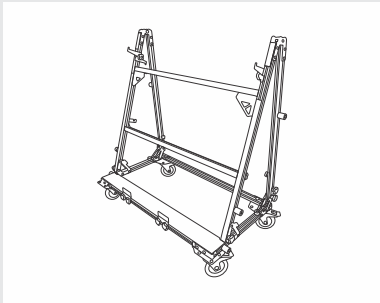
Surface **Polish / Matt**
Thickness **15mm**
Type **Full Body**



Slab Handling

Tools suggested for handling

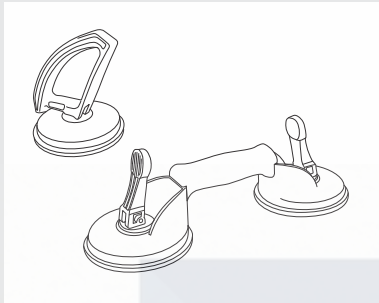
For handling the enormously sized slabs from Adicon, we recommend careful handling with the help of four handlers at the same time in case of the largest size and at least two handlers for the smaller sizes of the slabs.



Reinforced trolley



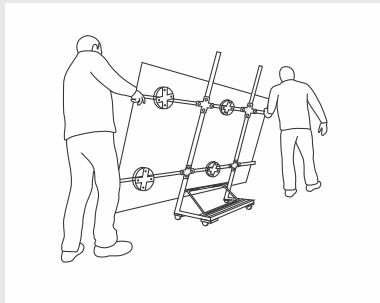
Parallel & transverse guides



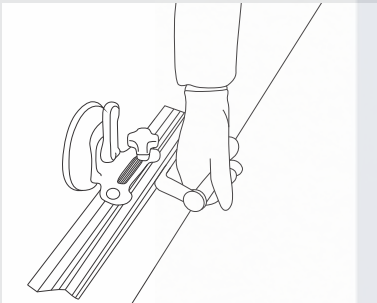
Single & Double suction cup

Handling instructions

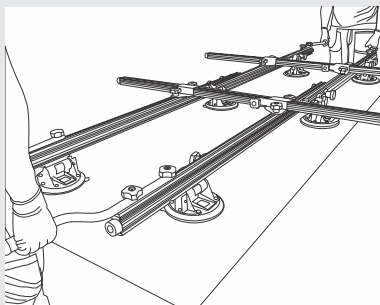
Adicon recommends the use of a kit of devices designed especially for the handling of large-size slabs.



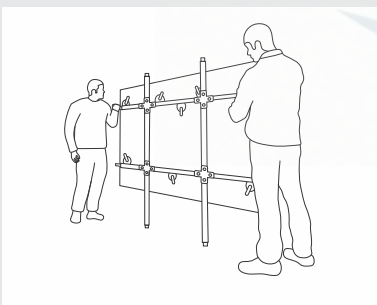
We recommend carrying out the handling job of the slabs with four handlers at the same time.



Ensure proper suction with a vacuum between the device and the slab and use a single device/suction cup for a maximum length of up to 150cms.



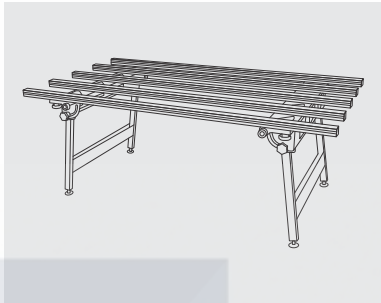
To lift the slabs use sucker cups after cleaning the slab and cups with a damp sponge. Make sure the device also has suckers that run along with the guides and adhere to the slab.



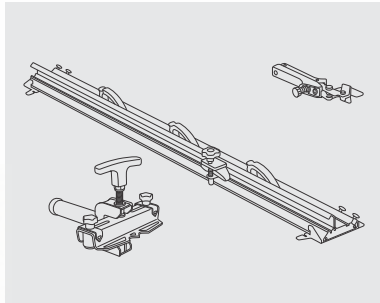
To lift the slab use guides from the long sides of the slab and lift/hang it vertically to the handles of the trolley frame. Use appropriate size reinforced trolley for various sizes of slabs.

Slab Cutting & Drilling

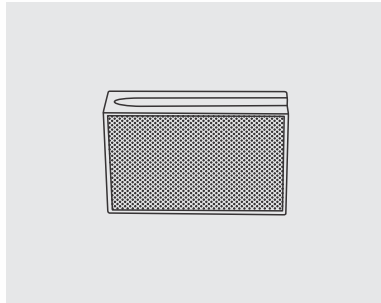
Tools suggested for cutting and drilling



Workbench with aluminum profiles

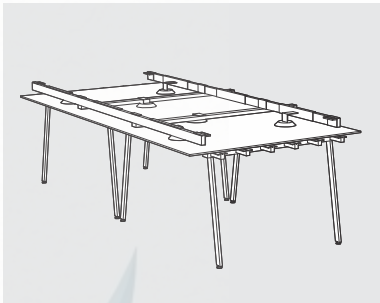


Cutting unit

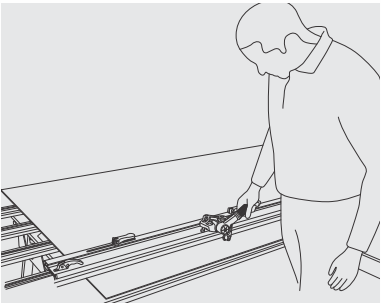


Diamond polishing pads

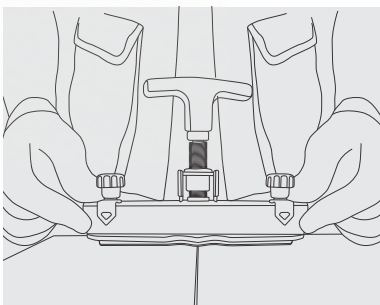
Manual cutting instructions



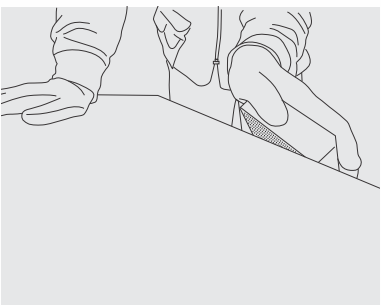
Lay the slab on a flat surface and preferably on a workbench with aluminum profiles. Make sure the surface is stable for both cutting and drilling.



Make markings on the slab according to the desired cutting and drilling need.



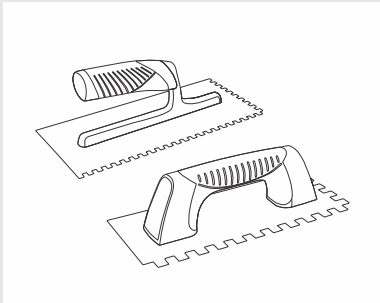
After scoring the length and making the cut, move the slab out of the workbench till the incision line and split from both sides using cutting-off pliers.



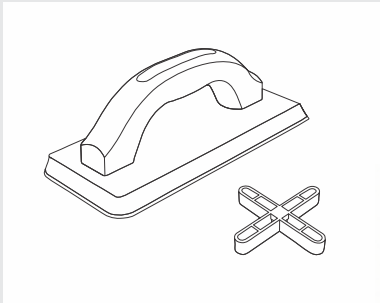
Smooth the edges of the length cut with a diamond polishing pad.

Slab Laying

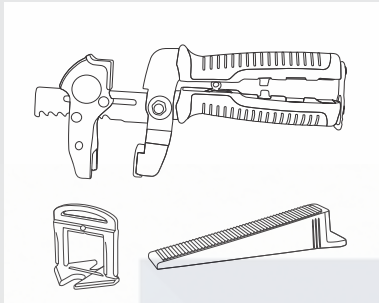
Tools suggested for Laying



3mm & 10mm trowel



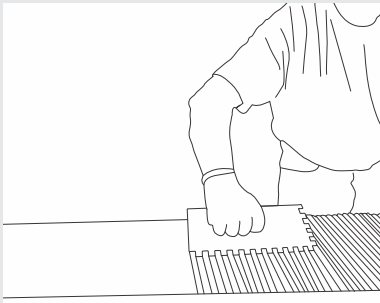
Rubber trowel & spacers



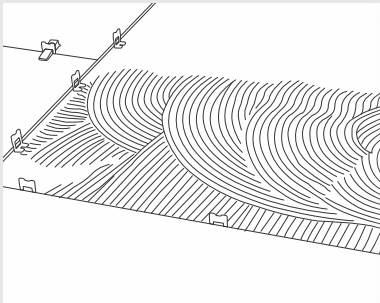
Device for plate's pulling over and leveling wedges & clips

Slab Laying Instructions

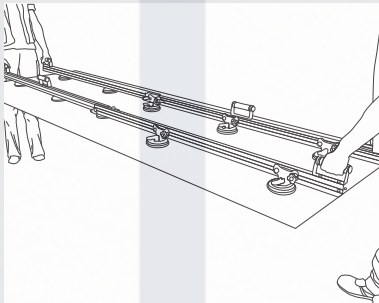
Check the laying substrate. Make sure it is clean, mature, and homogeneous with no cracks.



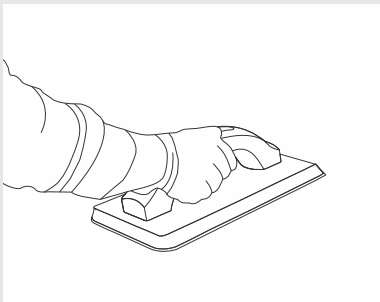
Apply adhesive onto the back of the slab with a 3mm trowel in one direction only.



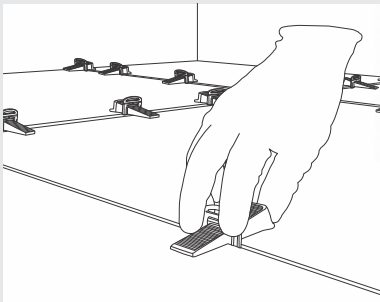
Apply adhesive onto the floor substrate at the same time while applying on the slab with a 15mm U-notch or 19mm V-notch trowel in the same direction as the slabs.



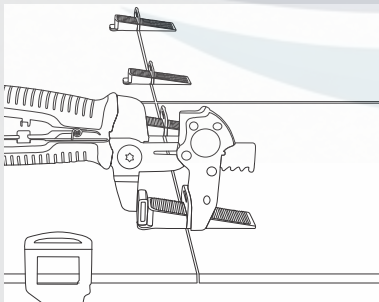
Position the slab on the adhesive bed with a sucker frame with adjustment of a minimum of 3mm joint.



Tap the slab from the center to the edges with a rubber trowel to expel air. Make sure air is expelled and there is no bubble between the slab and the substrate.



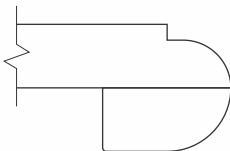
Complete the laying of the slab with a suitable sealant while keeping a 3mm joint through spacers. The special device of pulling over the slabs can be used for easy laying and spacing.



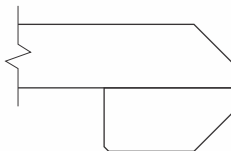
Level the wedges at each linear meter of the slab.

Slab Edge Possibilities

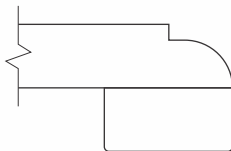
BENITOZ



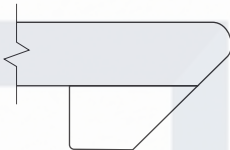
1-1/2" Dupont Bullnose



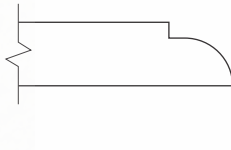
1-1/2" Dupont Pencil Edge



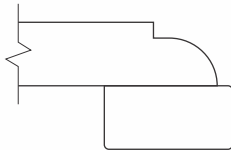
1-1/2" Dupont Square



1-1/2" Reverse Bevel



3/4" Dupont Demi



1-1/2" Dupont Step Square

Cleaning & Maintenance

High-quality raw materials, rigorous production parameters, and world-class technology at Adicon make the exclusive offering nonporous and thus no dust or deposited waste penetrates the surface.

The no-maintenance surfaces require only a damp cloth for cleaning.

Routine and recurring cleaning spotlights the aesthetic features of the surfaces and keeps the surfaces shining.

For cleaning contamination and stains caused by some common food and other material follow the table below:

TYPE OF STAIN	CHEMICAL PRODUCT	EXAMPLE
Grease	Alkaline - Solvent	Detergent
Oil	Solvent	Ammonia, Baking Soda
Ink	Oxidant - Solvent	Alcohol, Liquid Bleach, Nail Paint Remover
Rust	Acid	Hydrochloric Acid, Vinegar, Red Harpic
Lime	Acid	Descaling Agent, Hydrochloric Acid
Cement	Acid	Hydrochloric Acid
Wine	Alkaline	Ammonia, Liquid Bleach
Coffee	Alkaline - Solvent	Ammonia, Liquid Bleach
Rubber	Solvent	Alcohol, Thinner
Plaster	Acid	Hydrochloric 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 cleaned immediately/as soon as possible.

Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	MEAN VALUE OF ADICON	METHOD OF TESTING
Regulatory Properties				
Deviation in Length and Width	±0.30 % (±1.00 mm)	±0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0 %	± 5.0 %	ISO 10545-2/IS 13630-1
Straightness in Side	±0.30 % (± 0.80 mm)	±0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Rectangularity	±0.30 % (±1.50 mm)	±0.10%	± 0.10 %	ISO 10545-2/IS 13630-1
Surface Flatness Central Curvature	±0.40 % (± 1.80 mm)	±0.50 %	± 0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Edge Curvature	±0.40 % (± 1.80 mm)	±0.50 %	± 0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Warpage	±0.40 % (± 1.80 mm)	±0.50 %	± 0.10 %	ISO 10545-2/IS 13630-1
Surface Quality	>95% defects free	>95% defects free	>95% defects free	ISO 10545-2/IS 13630-1
Small Color Difference (For Plain Colour)	ΔE <1.00	N.A.	ΔE <0.80	ISO 10545-16
Glossiness (Polished)	As per Manufacturer	As per Manufacturer	≥ 90	Gloss Meter 60°
Glossiness (Satin)	As per Manufacturer	As per Manufacture	7 ≤ Gloss Value ≤ 25	Gloss Meter 60°
Structural Properties				
Water Absorption	≤0.50 %	≤0.080 %	≤0.080 %	ISO 10545-3/IS 13630-2
Bulk Density	As per Manufacturer	Min 2.20 g/cc	> 2.28 gm/cc	ISO 10545-3/IS 13630-2
Massive Mechanical Properties				
Modulus of Rupture	Min. 35.0 N/mm²	Min. 35.0 N/mm²	Min. 40.0 N/mm²	SO 10545-4/IS 13630-6
Breaking Strength Thickness ≥7.5 mm	Min 1300.0 N	Min 1300.0 N	Min 6000.0 N	ISO 10545-4/IS 13630-6
Surface Mechanical Properties				
Mohs Hardness #	As per Manufacturer	Min. 5	Polished Min 4**/ Satin & Posh Min 6	BS EN 15771/IS 13630-13
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	Polished Min II**/ Satin & Posh Min III	ISO 10545-7/IS 13630-11
Thermal Hygrometric Properties				
Moisture Expansion	Max 0.06% (0.6 mm/m)	Max 0.02 mm/m	Max 0.02 mm/m	ISO 10545-10/IS 13630-3
Thermal Expansion(COE) at 100°C	As per Manufacturer	Max. 6.0 x 10-6	Max. 6.0 x 10-6	ISO 10545-8/IS 13630-4
Thermal Shock Resistance	Min 10 Cycles	Min 10 Cycles	Min 10 Cycles	ISO 10545-9/IS 13630-5
Impact Resistance(COR) #	Min. 0.55	Min 0.55	Min 0.55	ISO 10545-5/IS 13630-14
Frost Resistance	As per Manufacturer	As per Manufacturer	Frost Proof	ISO 10545-12/IS 13630-10
Crazing Resistance at 7.5 bar	4 Cycles	4 Cycles	4 Cycles	ISO 10545-11/IS 13630-9
Chemical Properties				
Resistance to Staining Glazed	Min. Class 3	Min Class 1	Min. Class 3/Min. Class 1	ISO 10545-14/IS 13630-8
Resistance to Household Chemicals & Swimming Pool Salts Glazed	Min Class GB	Min Class AA	Min Class GB/Min Class AA	ISO 10545-13/IS 13630-8
Resistance to Low Concentrate Acid and AlkalIs Glazed	As per Manufacturer	As per Manufacturer	Min Class GLB***/ Min Class A***	ISO-10545-13/IS 13630-8
Resistance to High Concentrate Acid and AlkalIs Glazed	As per Manufacturer	As per Manufacturer	Min Class GHB***/ Min Class A***	ISO-10545-13/IS 13630-8
Safety Properties				
Skid Resistance - (DCOF-WET PENDULUM)##	As per Manufacturer	As per Manufacturer	Glossy ≥P0,Satin,Posh ≥P1	BS 7976-2
Slip Resistance -Satin/Posh (DCOF- R Value)##	As per Manufacturer	As per Manufacturer	R9 to R10	DIN 51130
Lead and Cadmium release	As per Manufacturer	N.A.	Does not yield Pb &Cd	ISO-10545-15

Packing Detail

SIZE	THICKNESS	PCS/BOX	AREA/BOX	BOX/WT.
800x2400mm	15mm	1 pc	1.92 mt²	67 kg
800x3000mm	15mm	1 pc	2.40 mt²	84 kg
800x3200mm	15mm	1 pc	2.56 mt²	90 kg

