SERONA



800x**3000**mm

15mm Thickness _ **Glossy & Matt** Surface



ELEGANCE ECHOING THE TIMELESSNESS

Witness the classics taking the modern shape dipped in the glory of unmatched grace.

PIATTO
COLLECTION

Experience the absolute art of modern timeless living!

We bring you our standard redefining Piatto Collection. A peerless array of surfaces breathing new life into the classic salt & pepper surfaces and reviving the glory of the time-honored style of ceramics. Experience the timeless with absolute style and class.

Achieve the delightful prominence of gracious and timeless surfaces in your urban spaces and transform them into unlikely others with the Piatto Collection. The exclusive collection is a luxurious offering for spaces deserving the best of different ages with the modern tones and finish paired with the classic style of dusted salt & pepper.

Piatto Collection **800x3000mm** **15mm Thickness**



DISCOVER THE ARTISTRY OF CREATING OPULENT SPACES

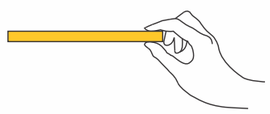
Explore the most exclusive possibilities to luxurious spaces with the magnificent size of 800x3000mm of the Piatto Collection. The glorious size allows you to carve seamless spaces with a majestic aura and matchless luxury. The surfaces are 15mm thick to instill strength and resilience in your spaces.



800x**3000**mm

80x300cm, 32x120in

15mmThickness



Piatto Collection **800x3000mm** **15mm Thickness**

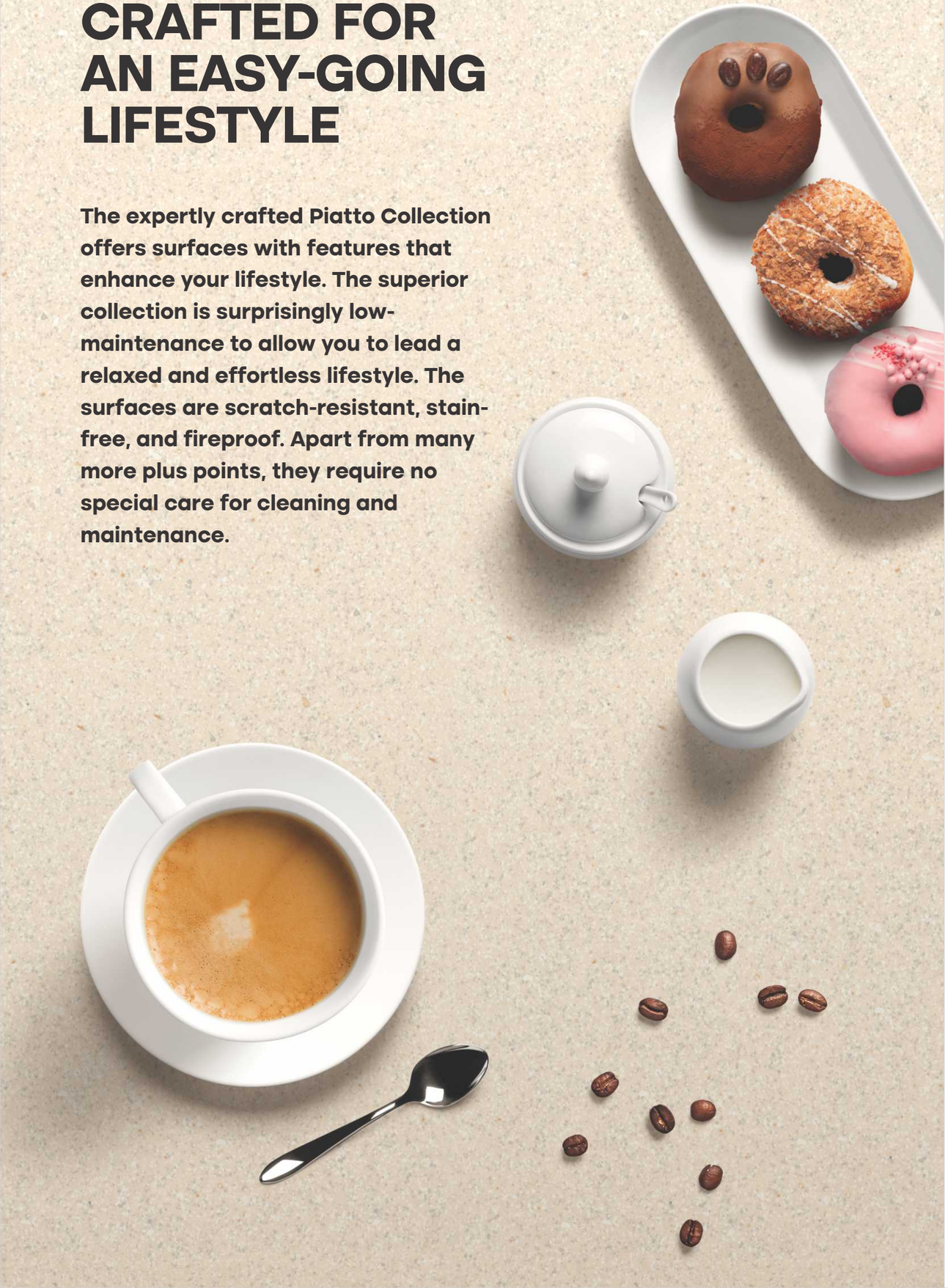
The superior collection is available in two finishes - Glossy and Matt to offer you eminence and personality to choose for your spaces. Enjoy the radiance of glossy surfaces or the earthy and subtle feel of the matt surfaces.

Matt
Surface

Glossy
Surface

CRAFTED FOR AN EASY-GOING LIFESTYLE

The expertly crafted Piatto Collection offers surfaces with features that enhance your lifestyle. The superior collection is surprisingly low-maintenance to allow you to lead a relaxed and effortless lifestyle. The surfaces are scratch-resistant, stain-free, and fireproof. Apart from many more plus points, they require no special care for cleaning and maintenance.



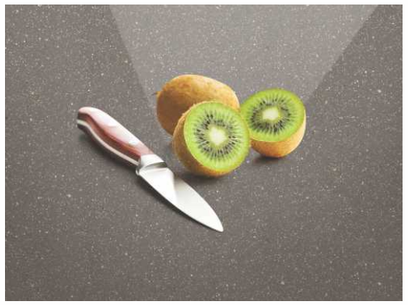
TECHNICAL FEATURES

SERONA

- Scratch and Abrasion Resistant
- Resistant to Chemicals, Acids, Bases, and Solvents
- Easy to Clean Surface
- Resistant to Fire and Heat
- Frost Resistant Surface
- Flatness and Stability Over Time
- Hygienic and Suitable for Contact with Food
- Water Resistant Surface
- Stain Resistant Surface
- Impact Resistant Surface
- Resistant to UV Rays
- Resistant to Mould, Mildew, and Fungus







EXTREMELY VERSATILE SURFACES

The Piatto Collection surfaces are versatile with extensive functionality and application possibilities in spite of its enormous size. The surfaces are ideal for floor-wall application altogether with a plethora of applications like door-window frames, staircases, tabletops, fireplaces, and a lot more.

- Door Frame
- Window Frame
- Lift Frame
- Basin & Furniture
- Bathtub
- Fireplace
- Worktop
- Dining tabletop
- Staircase
- Countertop

Piatto Collection **800x3000mm** **15mm Thickness**

APPLICATION AREAS





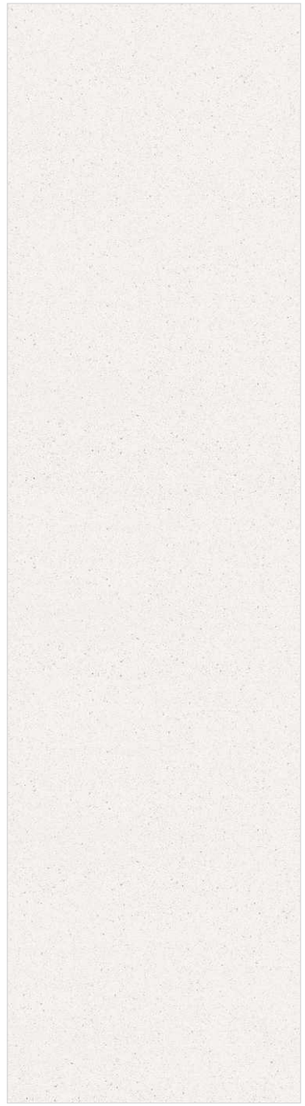


PIATTO
COLLECTION

800x3000mm

Thickness_**15mm**
Type_**Full Body**

PIATTO WHITE



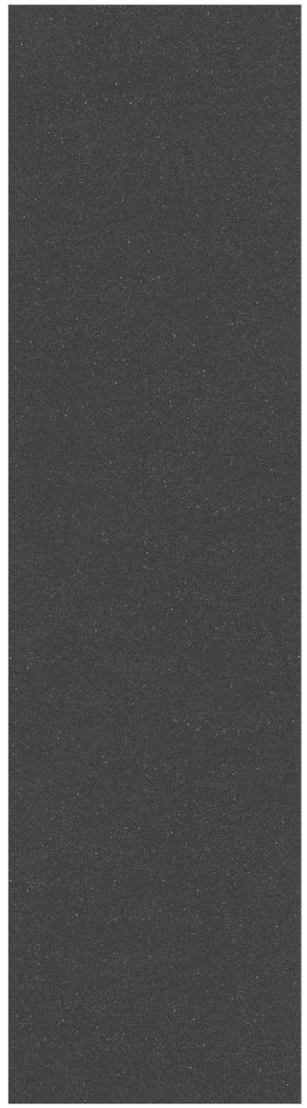
Surface
Glossy & Matt

PIATTO GAINSTONE



Surface
Glossy & Matt

PIATTO BLACK



Surface
Glossy & Matt

PIATTO MOON MIST

Surface
Glossy & Matt

PIATTO BURLY



Surface
Glossy & Matt

PIATTO DORAIN GREY



Surface
Glossy & Matt



Piatto Collection **800x3000mm** **15mm Thickness**

PIATTO WHITE

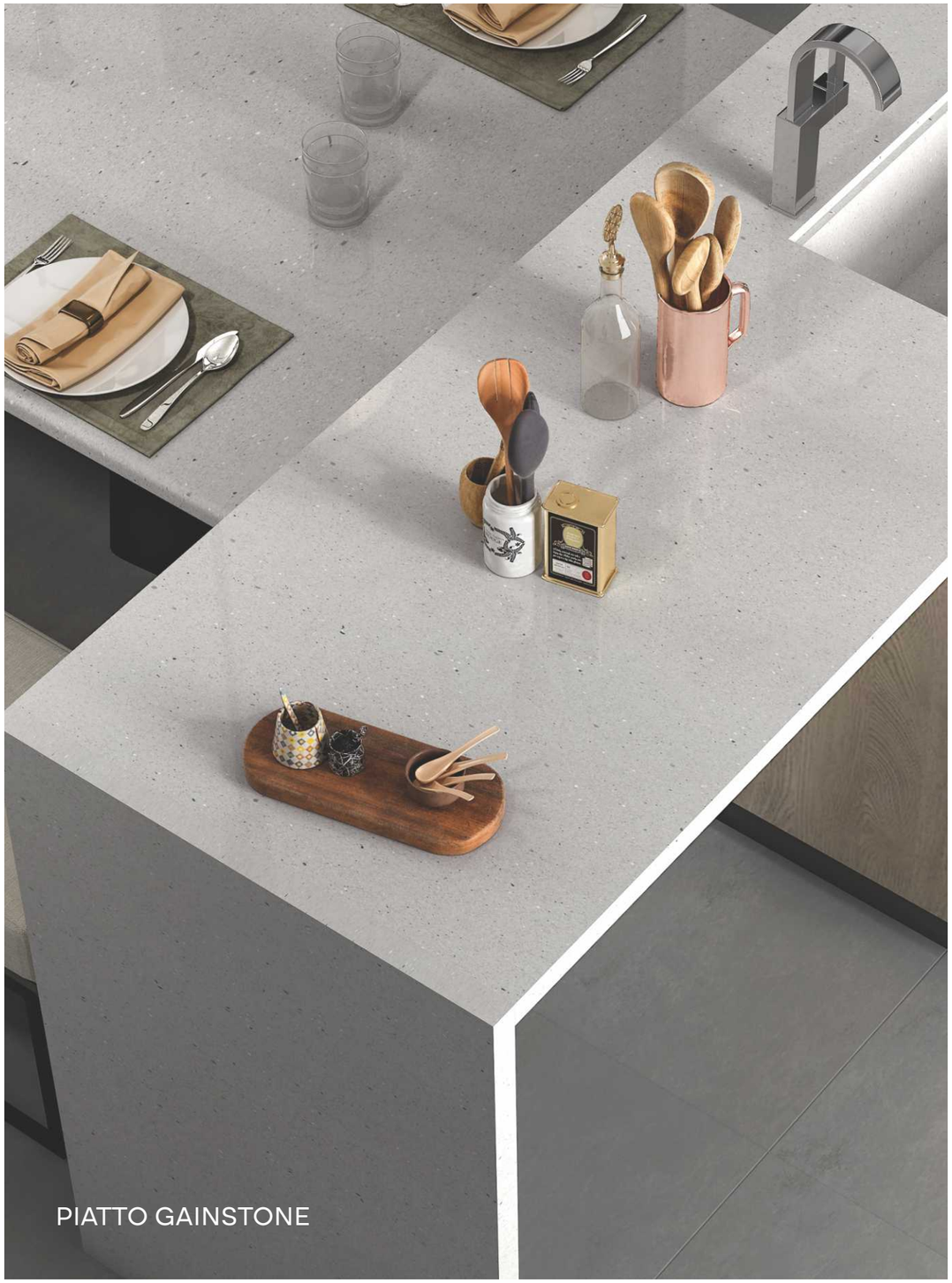


PIATTO WHITE

PIATTO GAINSTONE



PIATTO GAINSTONE



SERONA

PIATTO BLACK



Piatto Collection 800x3000mm 15mm Thickness

PIATTO BLACK



PIATTO BLACK

SERONA

Piatto Collection **800x3000mm** **15mm Thickness**

PIATTO MOON MIST



PIATTO MOON MIST





SERONA

Piatto Collection **800x3000mm** **15mm Thickness** 32-33


PIATTO BURLY

PIATTO BURLY



SERONA

PIATTO DORAIN GREY



PIATTO DORAIN GREY



PIATTO DORAIN GREY

SERONA

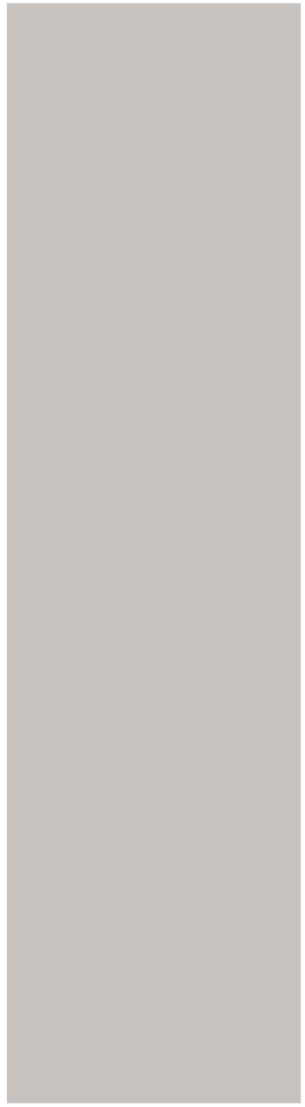
Piatto Collection **800x3000mm** **15mm Thickness**

PIATTO
COLLECTION

800x3000mm

Thickness_**15mm**
Type_**Full Body**

NOVOTONE HARBOR



Surface
Glossy & Matt

NOVOTONE PEWTER



Surface
Glossy & Matt

NOVOTONE STEEL



Surface
Glossy & Matt

NOVOTONE BONE

Surface
Glossy & Matt

NOVOTONE BISTRE



Surface
Glossy & Matt

NOVOTONE BRONZE



Surface
Glossy & Matt

NOVOTONE HARBOR



Piatto Collection **800x3000mm** **15mm Thickness**

NOVOTONE HARBOR



SERONA

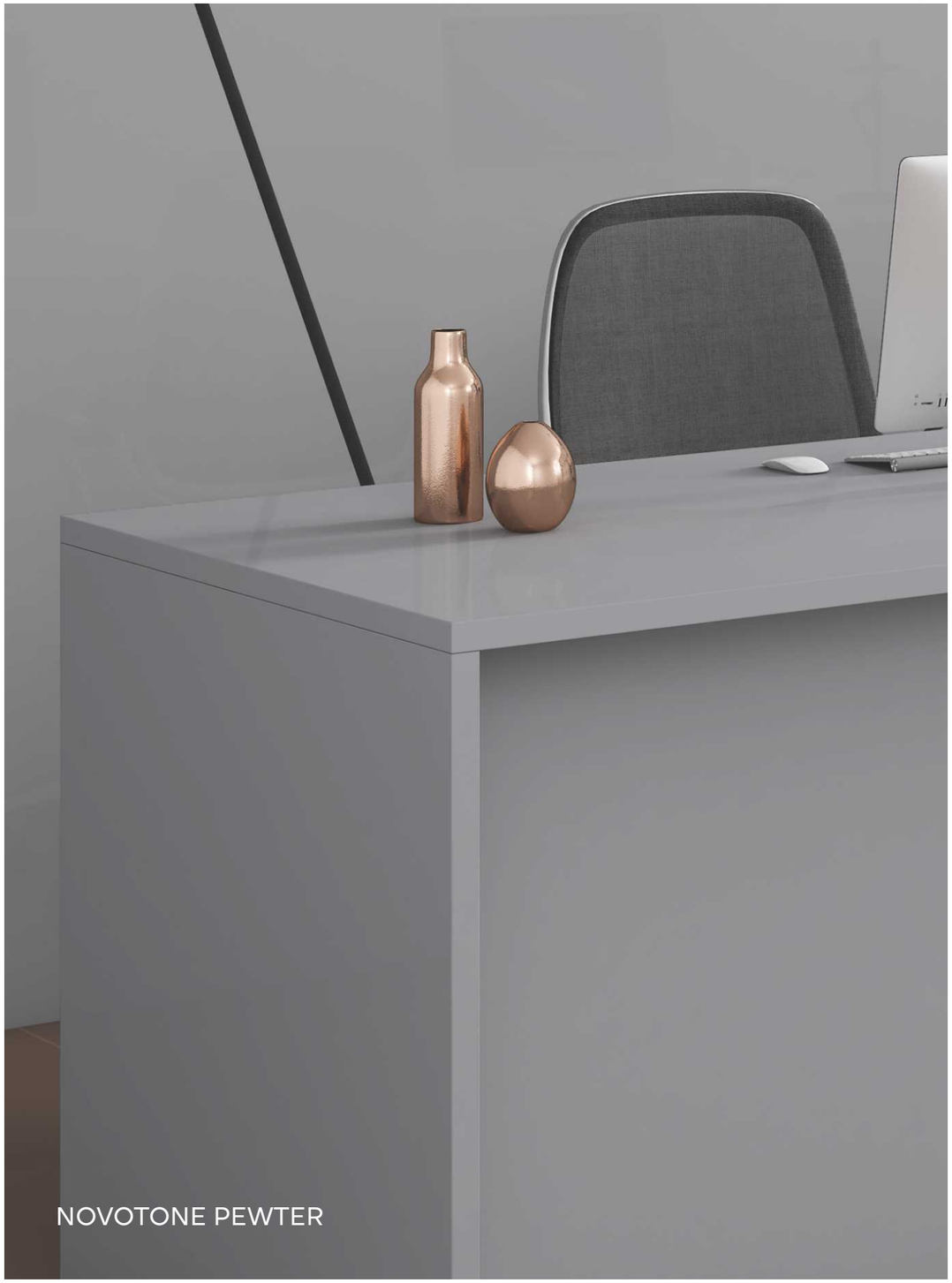
Piatto Collection **800x3000mm** **15mm Thickness**

NOVOTONE PEWTER



Piatto Collection **800x3000mm** **15mm Thickness**

NOVOTONE PEWTER

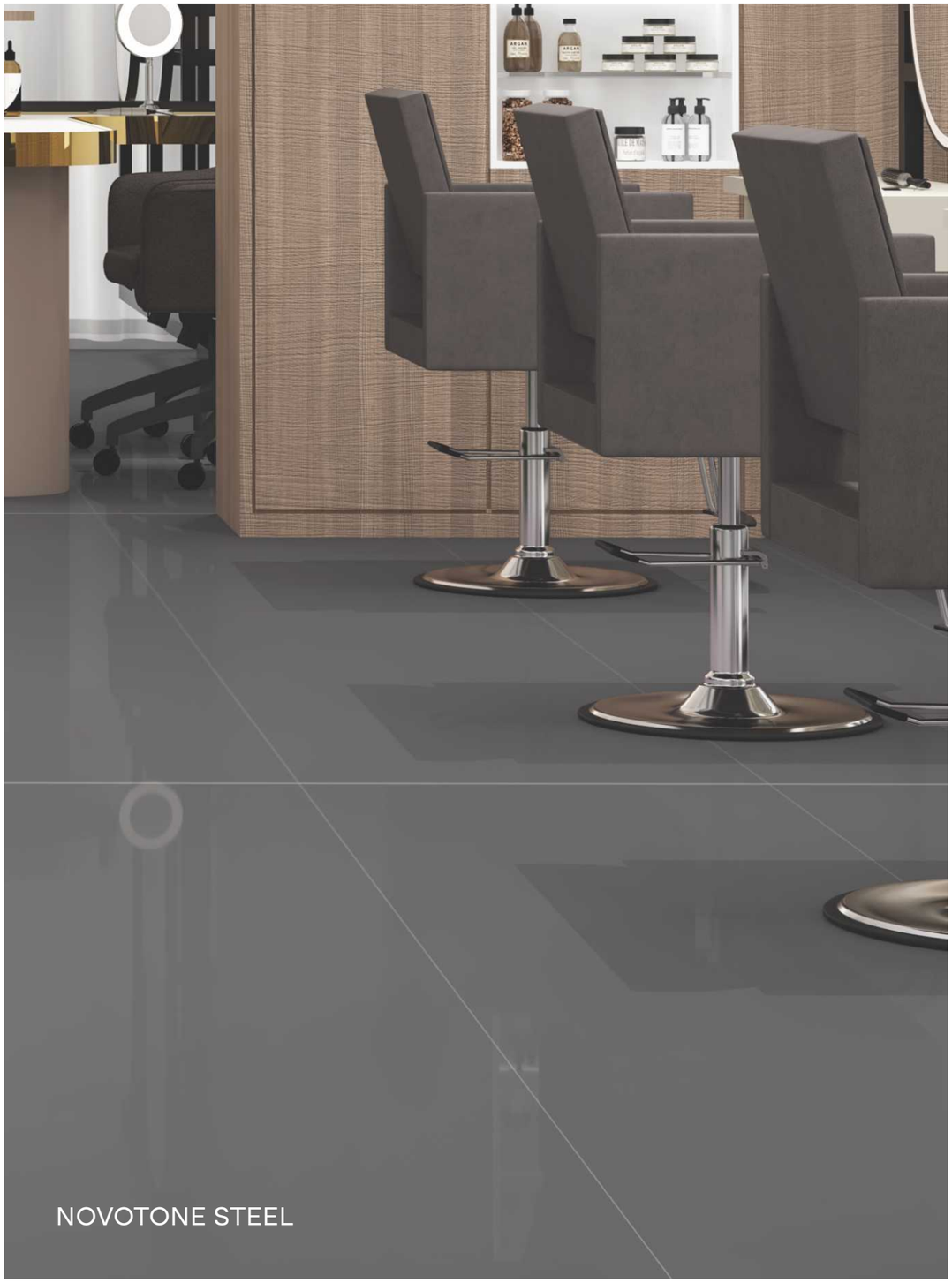


SERENA



Piatto Collection **800x3000mm** **15mm Thickness**

NOVOTONE STEEL



SERONA

Piatto Collection **800x3000mm** **15mm Thickness**



Piatto Collection **800x3000mm** **15mm Thickness**

NOVOTONE BONE



NOVOTONE BONE

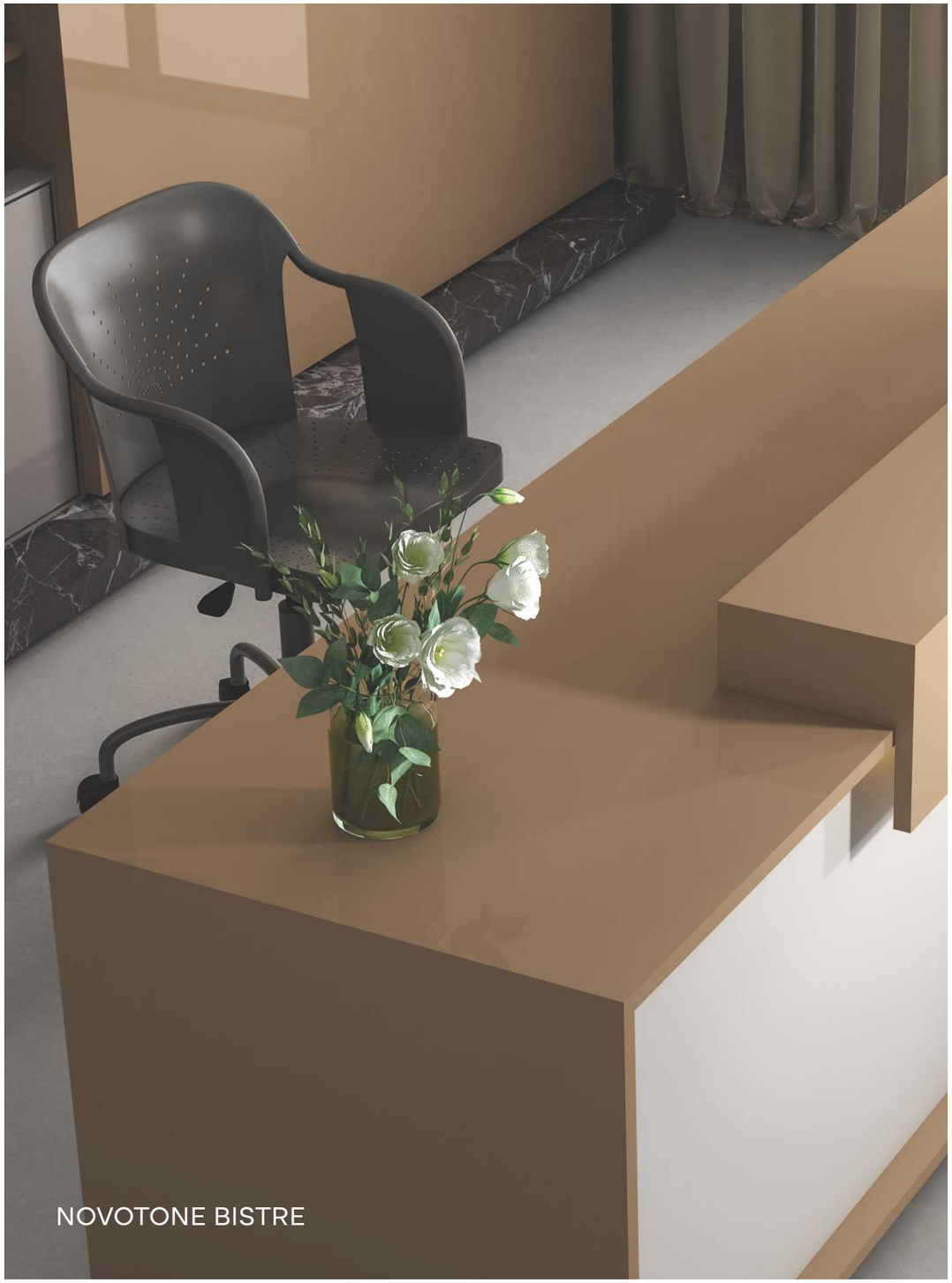
SERONA

Piatto Collection **800x3000mm** **15mm Thickness**



NOVOTONE BISTRE

NOVOTONE BISTRE



SERONA

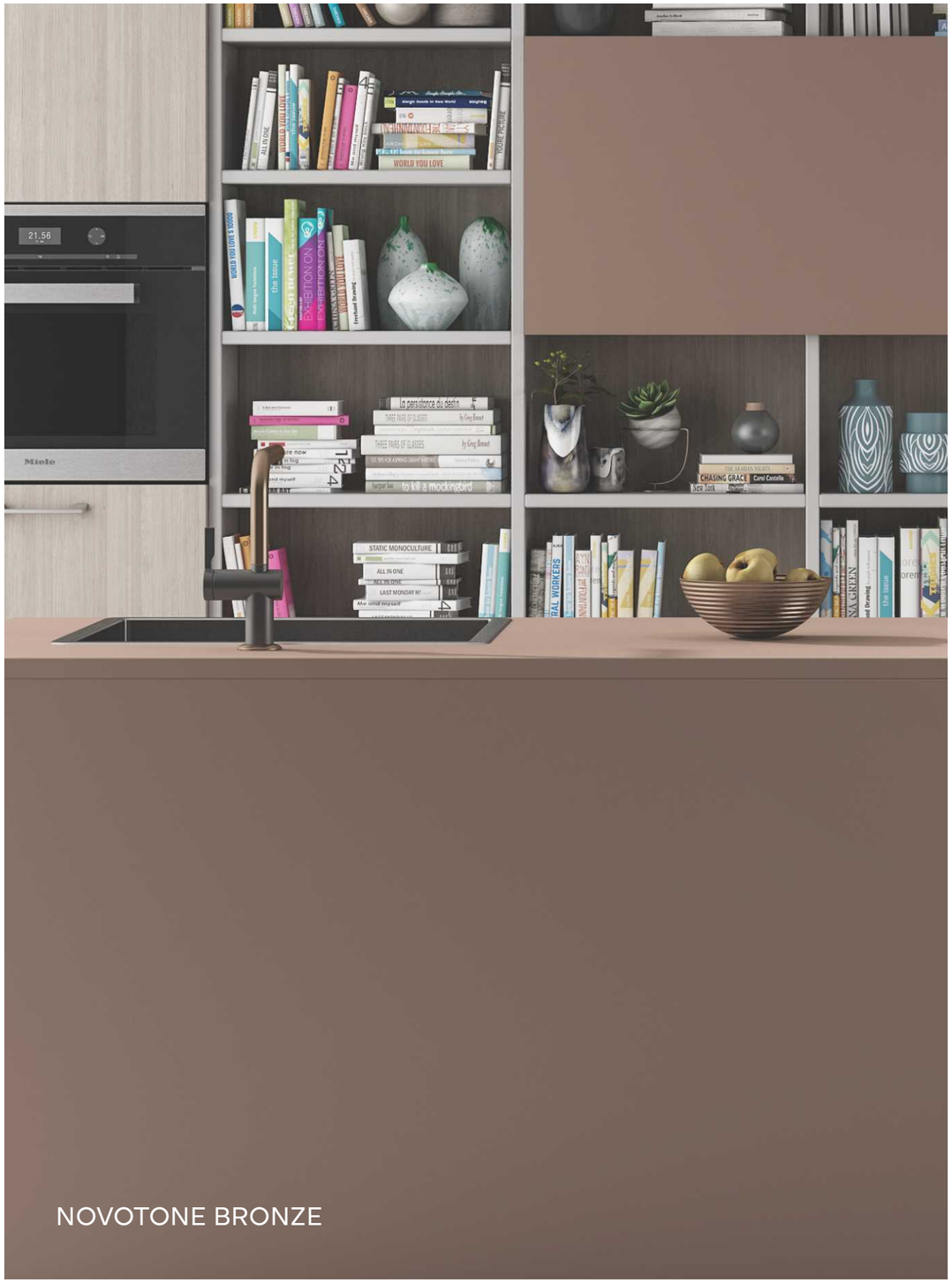
Piatto Collection **800x3000mm** **15mm Thickness**

NOVOTONE BRONZE



Piatto Collection **800x3000mm** **15mm Thickness**

NOVOTONE BRONZE



NOVOTONE BRONZE

SERONA

Piatto Collection **800x3000mm** **15mm Thickness**

SOLID BIANCO



800x3000mm

Thickness_**15mm**

Type_**Full Body**

SOLID BIANCO

Surface

Glossy & Matt

Elezzo Collection **800x2400mm** **15mm Thickness**

SOLID BIANCO



SOLID BIANCO

SERONA

Piatto Collection **800x3000mm** **15mm Thickness**



800x3000mm

Thickness_**15mm**

Type_**Full Body**

VENTA BLACK



Surface

Glossy & Matt

Elezzo Collection **800x2400mm** **15mm Thickness**

VENTA BLACK



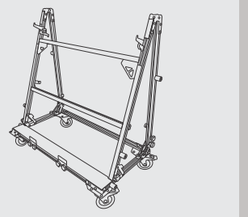
SERONA

Piatto Collection **800x3000mm** **15mm Thickness**

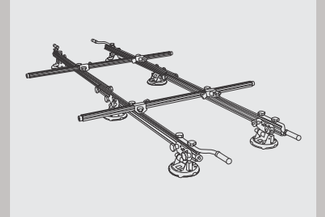
Slab Handling

Tools suggested for handling

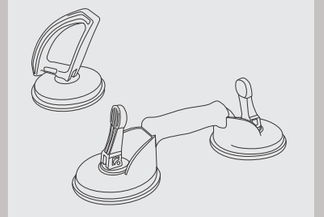
For handling the enormously sized slabs, we recommend careful handling with the help of four handlers at the same time in case of the largest size and at least two handlers for the smaller sizes of the slabs.



Reinforced trolley



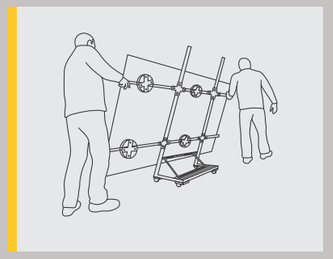
Parallel & transverse guides



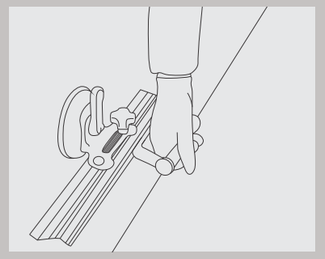
Single & Double suction cup

Handling instructions

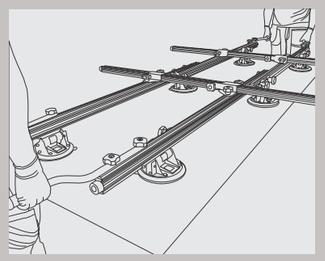
We recommends the use of a kit of devices designed especially for the handling of large-size slabs.



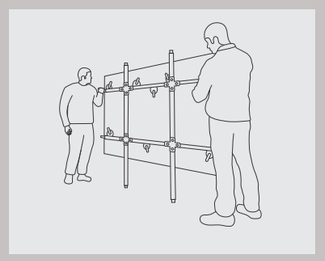
We recommend carrying out the handling job of the slabs with four handlers at the same time.



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.



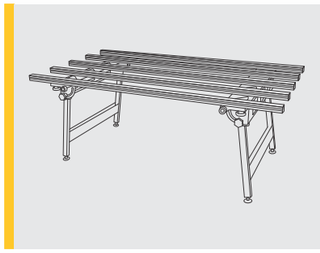
To lift the slabs use sucker cups after cleaning the slab and cups with a damp sponge. Make sure the device also has suckers that run along with the guides and adhere to the slab.



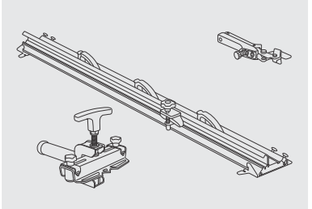
To lift the slab use guides from the long sides of the slab and lift/hang it vertically to the handles of the trolley frame. Use appropriate size reinforced trolley for various sizes of slabs.

Slab Cutting & Drilling

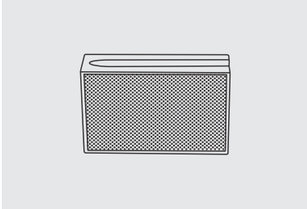
Tools suggested for cutting and drilling



Workbench with aluminum profiles

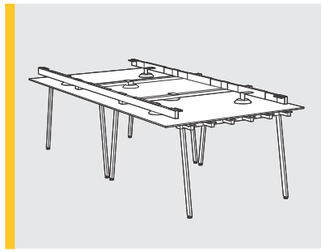


Cutting unit

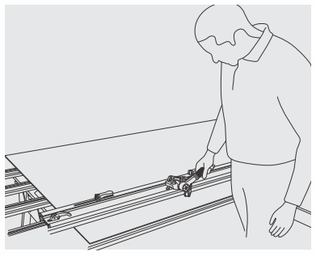


Diamond polishing pads

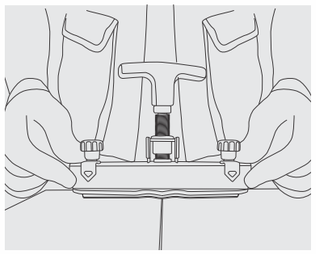
Manual cutting instructions



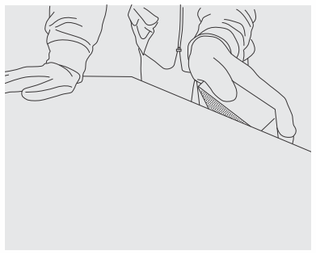
Lay the slab on a flat surface and preferably on a workbench with aluminum profiles. Make sure the surface is stable for both cutting and drilling.



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



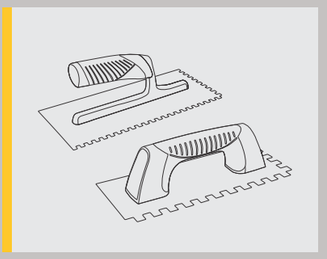
After scoring the length and making the cut, move the slab out of the workbench till the incision line and split from both sides using cutting-off pliers.



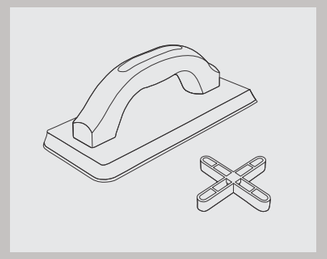
Smooth the edges of the length cut with a diamond polishing pad.

Slab Laying

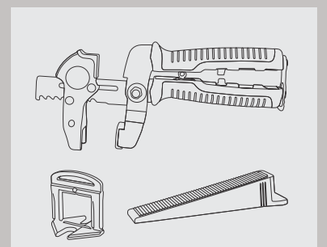
Tools suggested for Laying



3mm & 10mm trowel



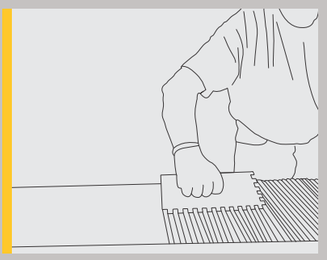
Rubber trowel & spacers



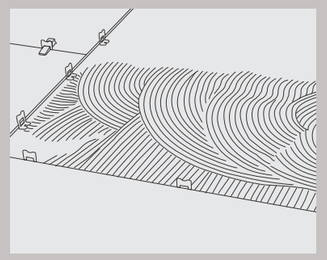
Device for plate's pulling over and leveling wedges & clips

Slab Laying Instructions

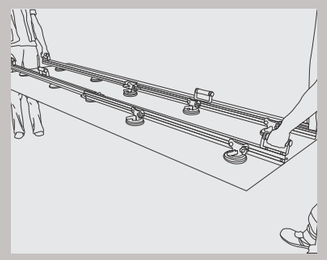
Check the laying substrate. Make sure it is clean, mature, and homogeneous with no cracks.



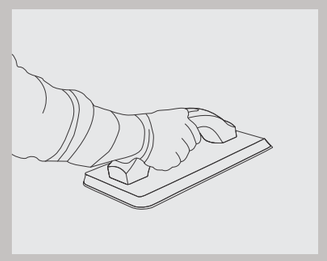
Apply adhesive onto the back of the slab with a 3mm trowel in one direction only.



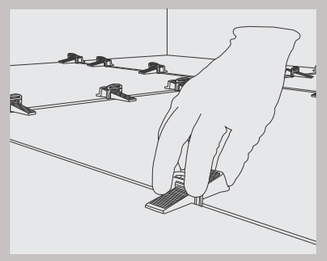
Apply adhesive onto the floor substrate at the same time while applying on the slab with a 15mm U-notch or 19mm V-notch trowel in the same direction as the slabs.



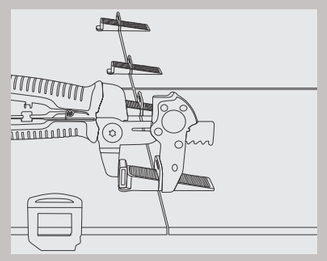
Position the slab on the adhesive bed with a sucker frame with adjustment of a minimum of 3mm joint.



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.

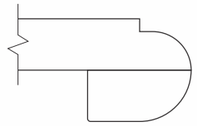


Complete the laying of the slab with a suitable sealant while keeping a 3mm joint through spacers. The special device of pulling over the slabs can be used for easy laying and spacing.

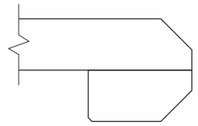


Level the wedges at each linear meter of the slab.

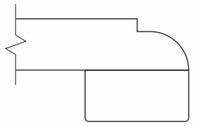
Slab Edge Possibilities



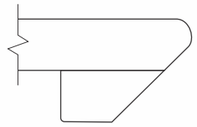
1-1/2" Dupont Bullnose



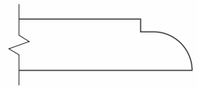
1-1/2" Pencil Edge



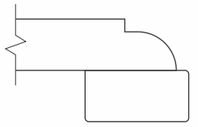
1-1/2" Dupont Square



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 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.BIa	STANDARD AS PER IS 15622:2017 Gr.BIa	MEAN VALUE OF SLABS	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.
800x3000mm	15mm	1 pc	2.40 mt²	84 kg

RENAISSANCE INTERNATIONAL LLC,
NEW JERSEY.

Email : us@serona.in
Mobile : (551) 229 5261