



FULL BODY

800X2400MM | 15 MM
1200X1800MM | 9 MM

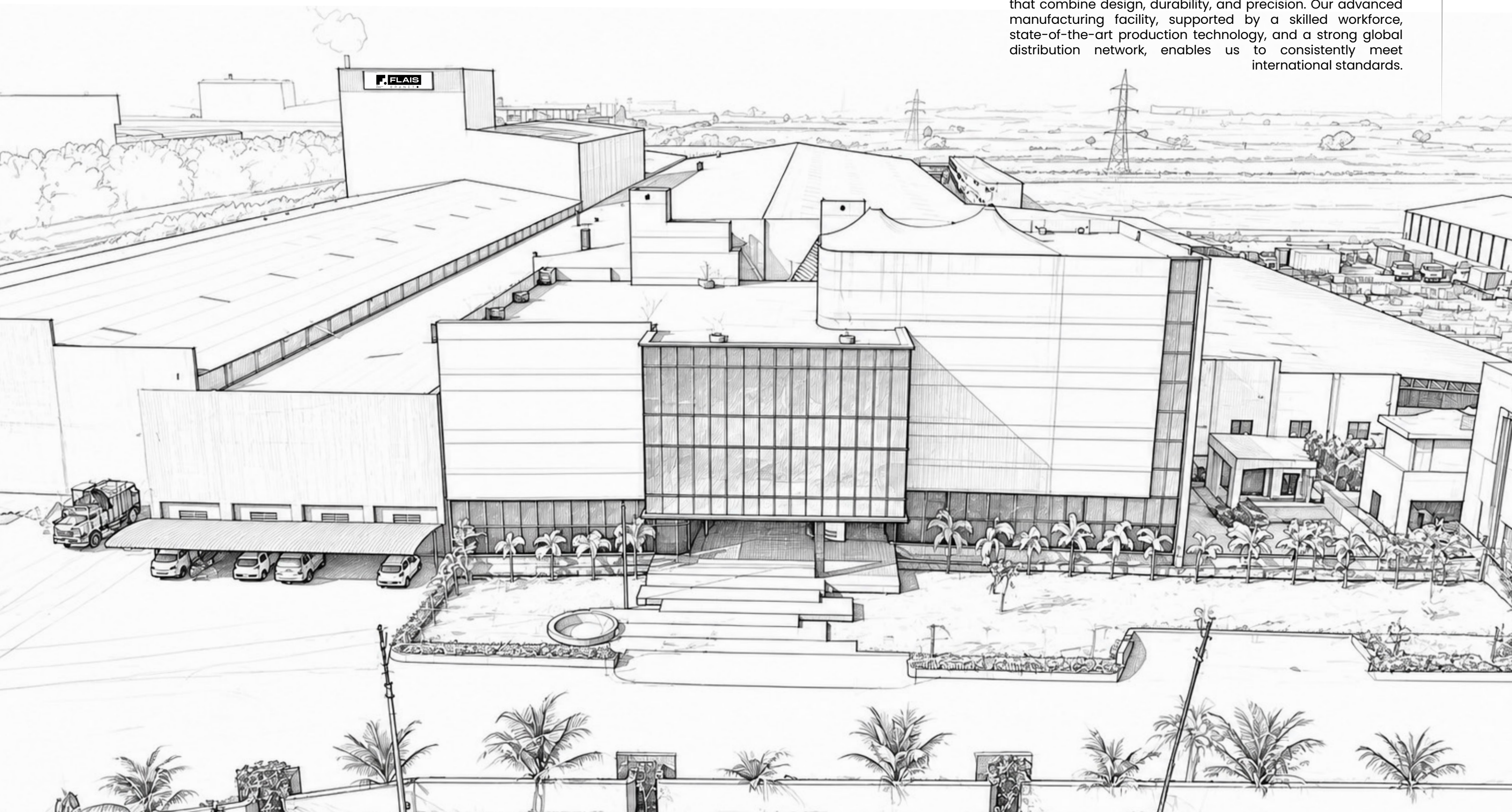
Ravello
COLLECTION



THE STORY

Flais Granito, established in 1995 by the Marsal Ceramic Company, is a leading Indian manufacturer of ceramic tiles, renowned for delivering high-quality surfaces across a diverse range of products including slabs, GVT, PGVT, and more.

We are committed to producing superior ceramic solutions that combine design, durability, and precision. Our advanced manufacturing facility, supported by a skilled workforce, state-of-the-art production technology, and a strong global distribution network, enables us to consistently meet international standards.



CREATING
PURE SPACES,
TIMELESSLY ELEGANT.

BORN FROM THE INSPIRATION OF
NATURAL STONE, CRAFTED TO BRING ENDURING
ELEGANCE INTO EVERY SPACE.

Balanced tones, refined textures, and minimal
visual interruptions create a sense of calm
luxury. Engineered for modern demands, it
delivers strength, consistency, and lasting
appeal.

15MM THICKNESS

CRAFTING
TIMELESS SPACES
WITH ELEGANCE.

FULL BODY



Inspired By The Timeless Beauty Of Natural
Stone And Refined Through Modern
Craftsmanship, This Surface Brings Together
Authentic Character, Subtle Detail, And
Enduring Elegance To Create Spaces That
Remain Beautiful For Years To Come.

From The Heart Of Nature To The Height Of
Modern Design, Every Surface Tells A Story Of
Timeless Beauty.



FULL BODY

Created For Spaces That Celebrate Natural
Beauty, Modern Design, And Lasting Simplicity.
Turning Every Surface Into A Quiet Statement
Of Refined Beauty And Timeless Elegance.

Designed to bring light, beauty, and
enduring simplicity into every space you
create. A beautiful expression of minimal
design that makes every space feel brighter
and more refined.

Where effortless simplicity meets lasting
beauty to create spaces that always feel
inviting.

EDGE PROFILE

		
EASED	ROUNDED TOP & BOTTOM	1/4 " ROUND
		
MATCHED BEVEL	1/4" BEVEL	1/2" BEVEL
		
FLAT OGEE	OGEE	BULLNOSE OGEE
		
COVE OGEE	COVE	COVE DUPONT
		
HALF BULLNOSE	DEMI BULLNOSE	FULL BULLNOSE
		
HOLLYWOOD BEVEL	WATERFALL	DUPONT

JOINT POSSIBILITIES

		
Birds beak	45° corner	Soft corner

Every edge is precisely finished to ensure a clean appearance, seamless installation, and a refined final look.



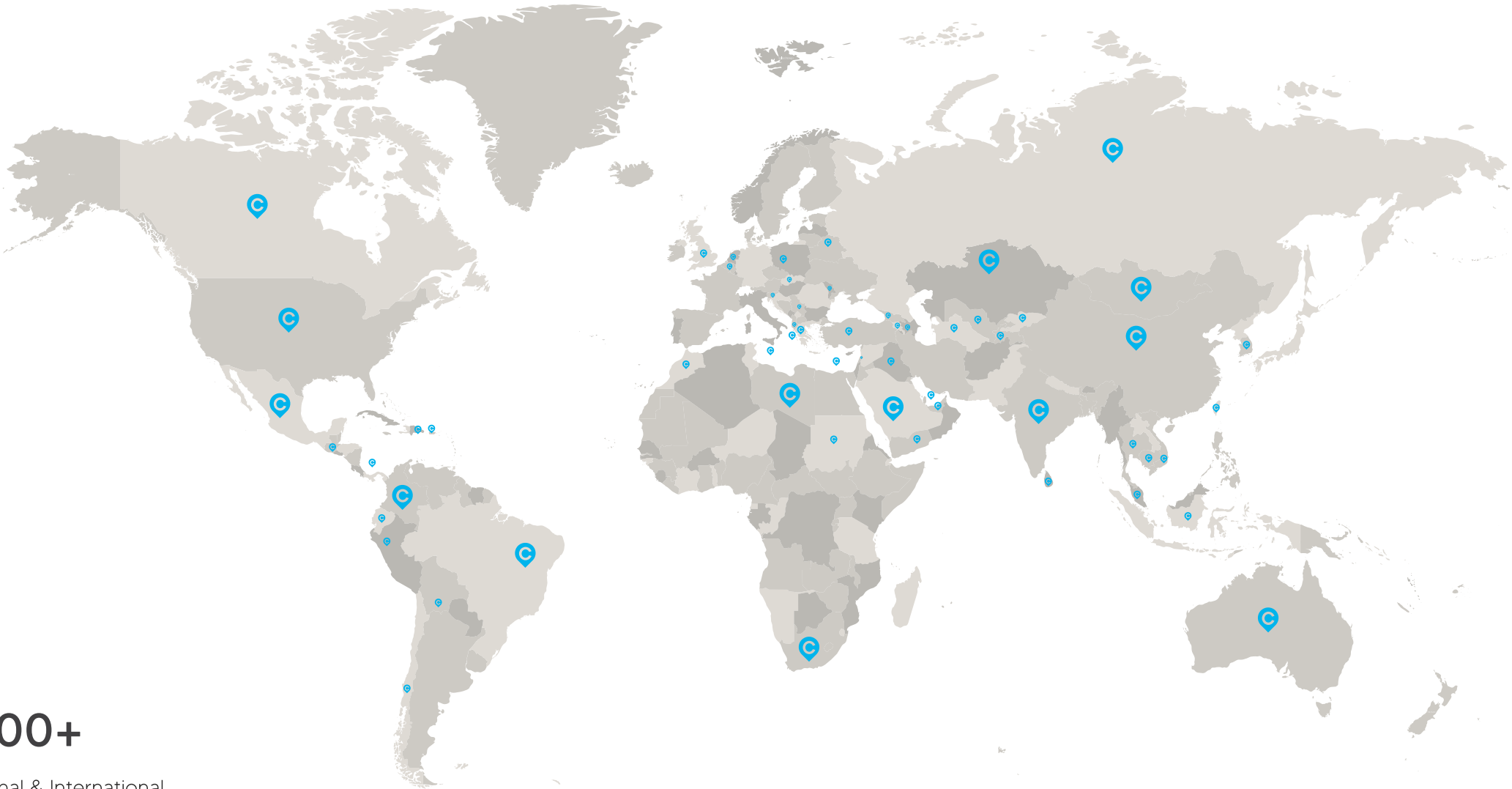
DEFINING BEAUTIFUL
SPACES THROUGH
TIMELESS ELEGANCE.



Expanding across continents, our presence reflects a journey of trust, quality, and partnerships built beyond borders.

From local roots to a global footprint, we bring innovation and excellence to every corner of the world.

Connecting nations through design and durability, our surfaces speak a universal language of quality.



50+

Countries
We Export

2800+

Unique
Designs

1300+

National & International
Clients



TRUSTED
WORLDWIDE

- | | | | | |
|--------------------|------------|-------------|--------------|------------|
| Albania | Hungary | Malta | Saudi Arabia | Tajikistan |
| Armenia | Indonesia | Moldova | Serbia | Thailand |
| Azerbaijan | Iraq | Morocco | Singapore | Turkey |
| Belarus | Israel | Netherlands | Slovenia | U.A.E. |
| Bhutan | Jordan | Oman | South Africa | U.K. |
| Chile | Kazakhstan | Panama | South Korea | U.S.A. |
| Colombia | Kosovo | Peru | Spain | Uzbekistan |
| Dominican Republic | Kyrgyzstan | Poland | Sri Lanka | Vietnam |
| Ecuador | Lebanon | Qatar | Taiwan | Yemen |
| Georgia | Libya | Russia | | |

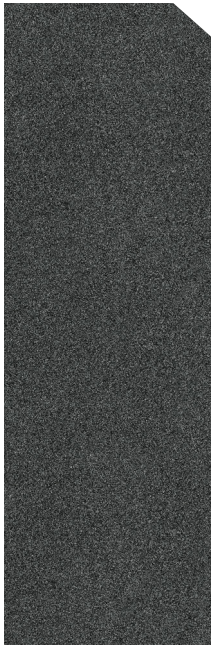
PURE BEAUTY,
PERFECTLY REFINED.



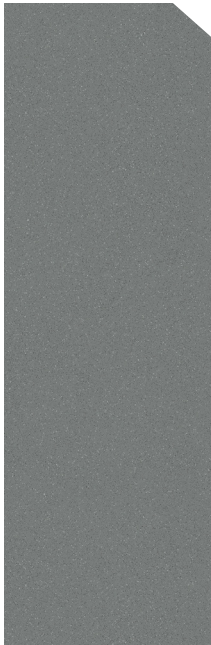
PRODUCT RANGE



RAVELLO CHOCO



RAVELLO GRAPHITE



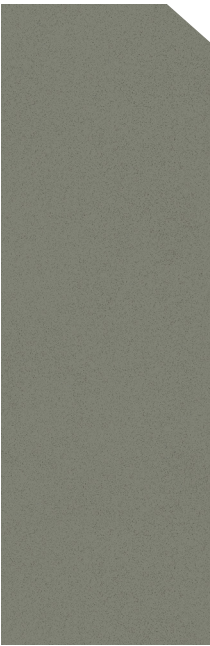
RAVELLO GREY



RAVELLO ICE



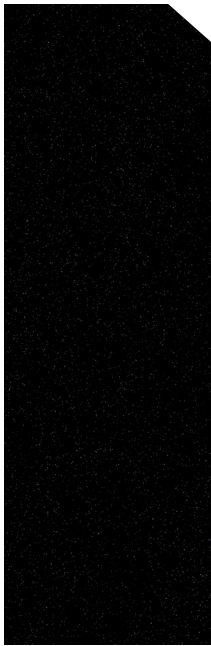
RAVELLO MOCHA



RAVELLO OLIVE



RAVELLO QUARTZ



RAVELLO RICH
BLACK



RAVELLO SAND

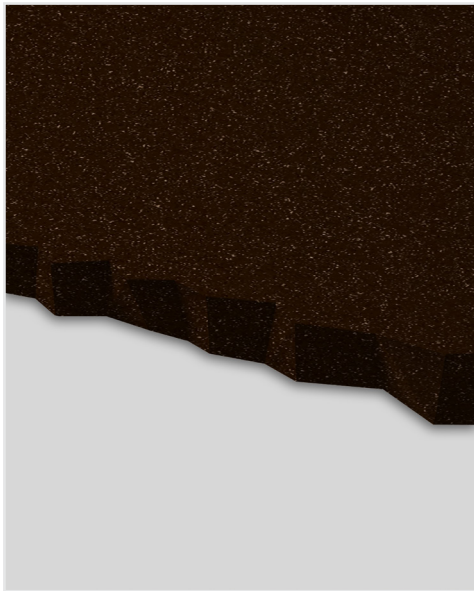
FULL **BODY**

SIMPLICITY MEETS
LASTING ELEGANCE



RAVELLO CHOCO

RAVELLO CHOCO



No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒

FULL BODY



ELEVATES EVERY SPACE
WITH TIMELESS ELEGANCE.

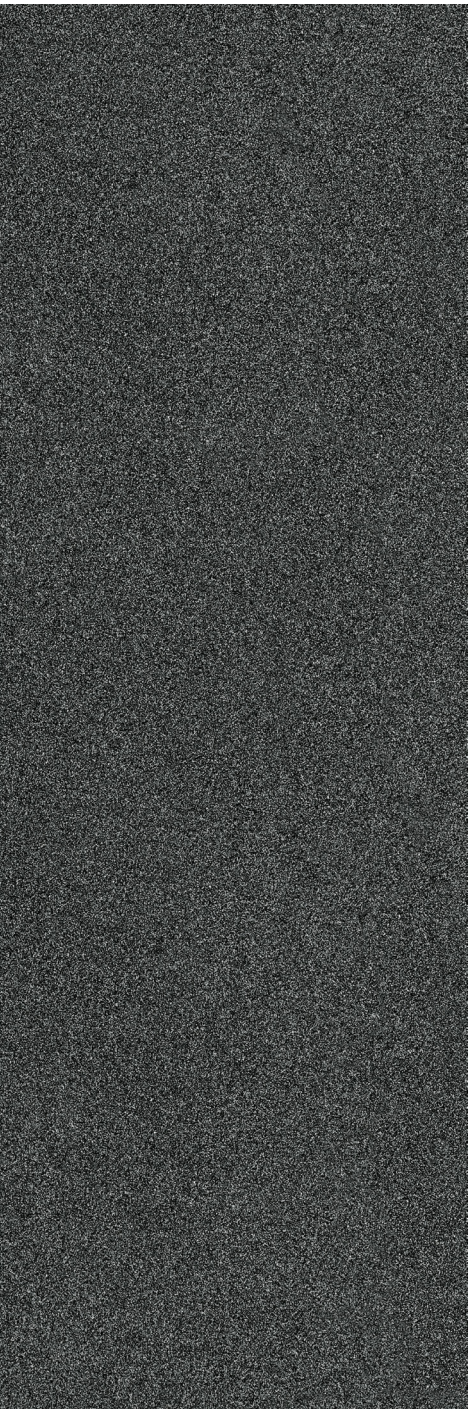
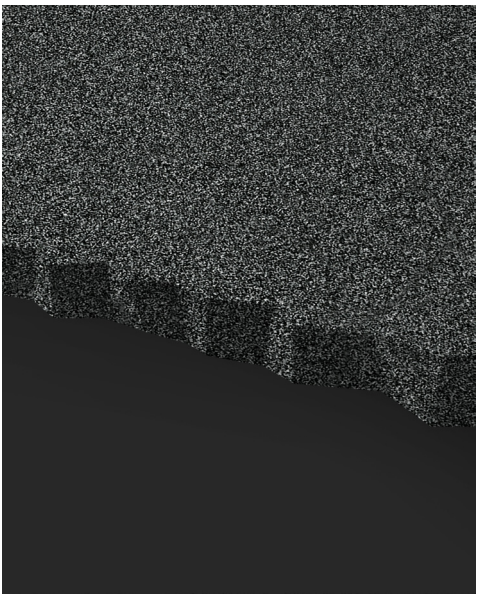




RAVELLO GRAPHITE



RAVELLO GRAPHITE



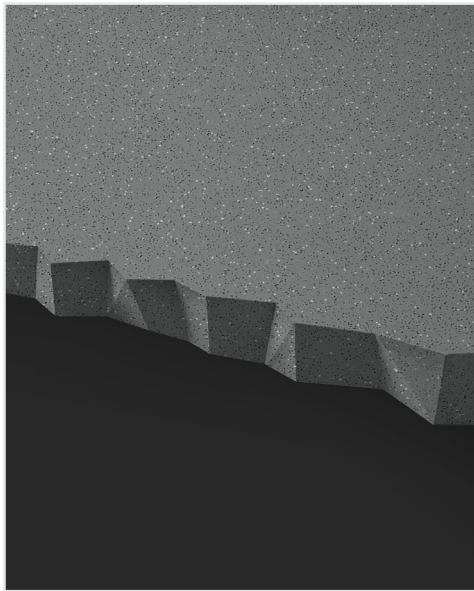
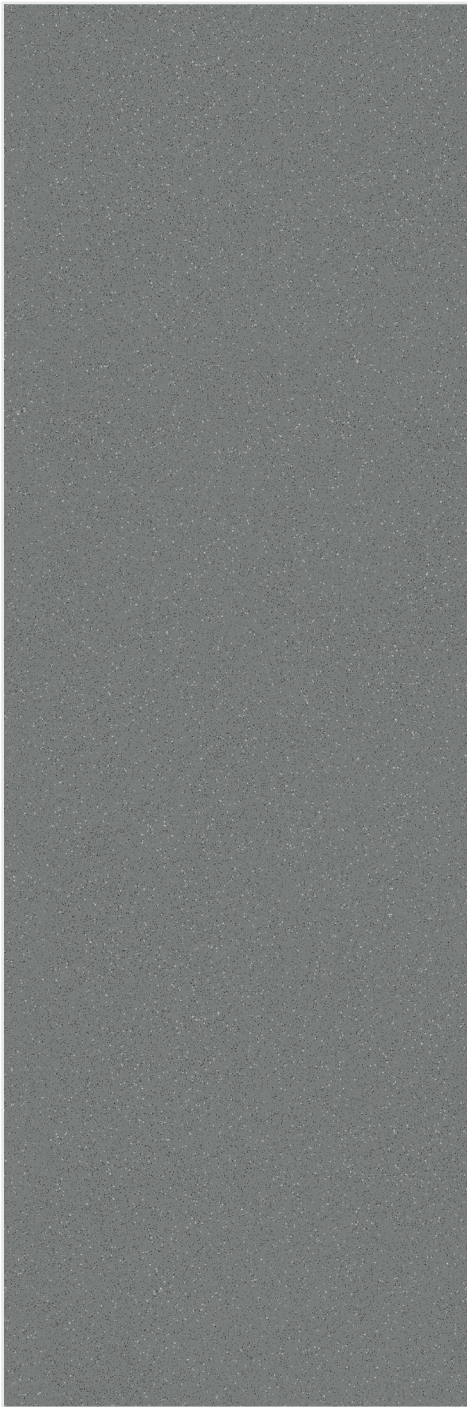
No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒





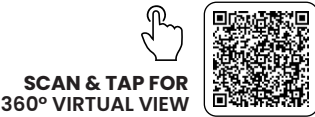
RAVELLO GREY

RAVELLO GREY



No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒

FULL BODY



ELEVATES EVERY SPACE
WITH TIMELESS ELEGANCE.





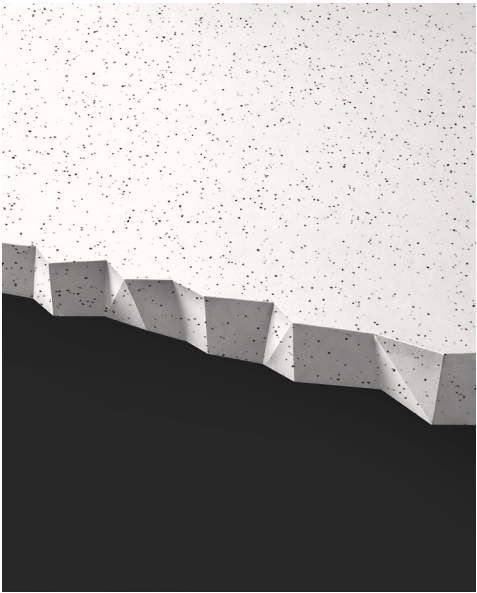
RAVELLO ICE



PRODUCT RANGE

BRINGS LASTING BEAUTY TO EVERY SPACE.

RAVELLO ICE



No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒

FULL BODY

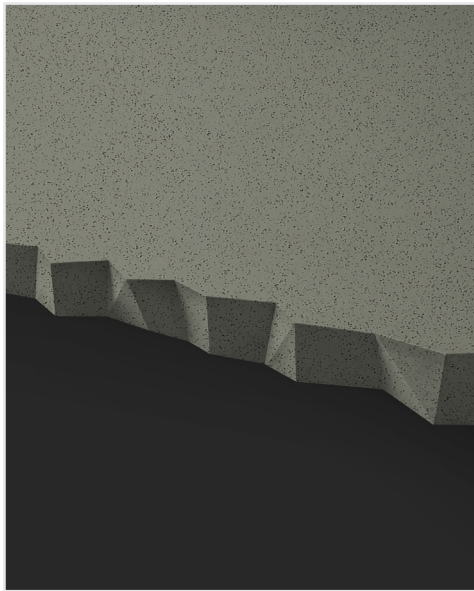
SCAN & TAP FOR 360° VIRTUAL VIEW





RAVELLO MOCHA

RAVELLO MOCHA



No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒

FULL BODY



ELEVATES EVERY SPACE
WITH TIMELESS ELEGANCE.



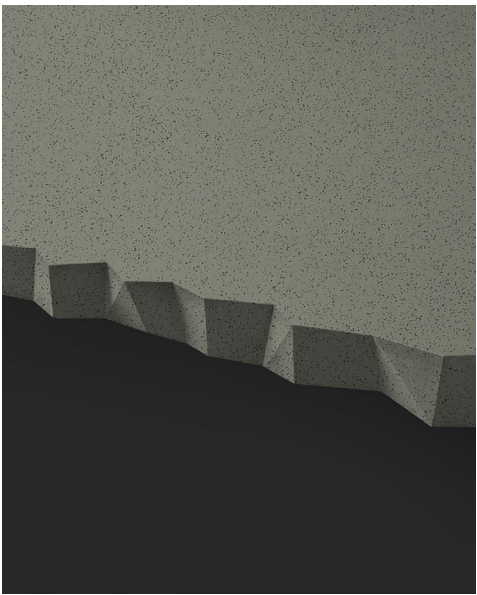


RAVELLO OLIVE



BRINGS LASTING BEAUTY
TO EVERY SPACE.

RAVELLO OLIVE



No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒

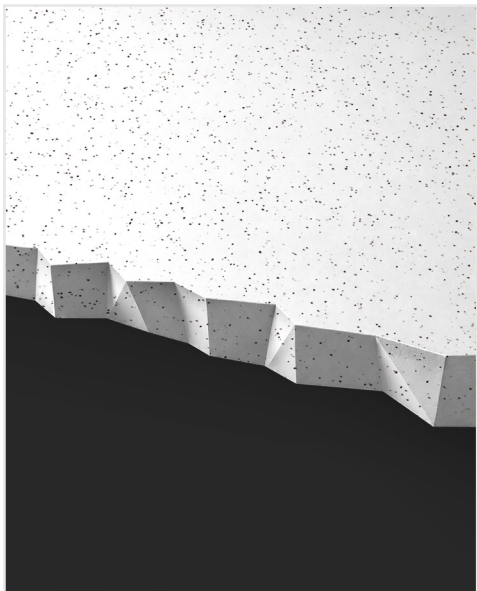
FULL BODY





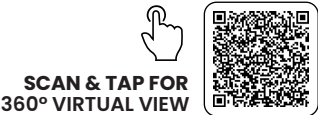
RAVELLO QUARTZ

RAVELLO QUARTZ



No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒

FULL BODY



ELEVATES EVERY SPACE
WITH TIMELESS ELEGANCE.

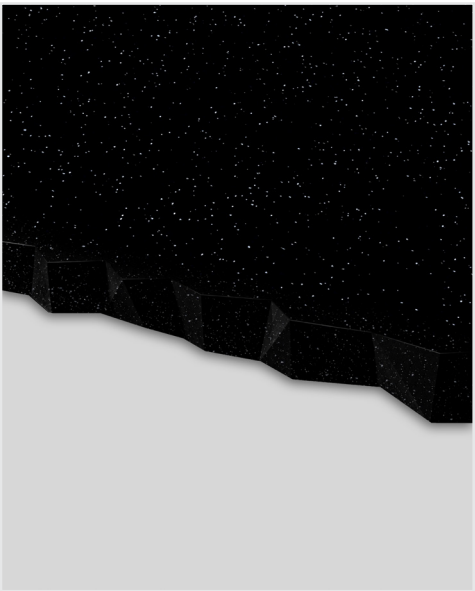




RAVELLO RICH BLACK



RAVELLO RICH BLACK

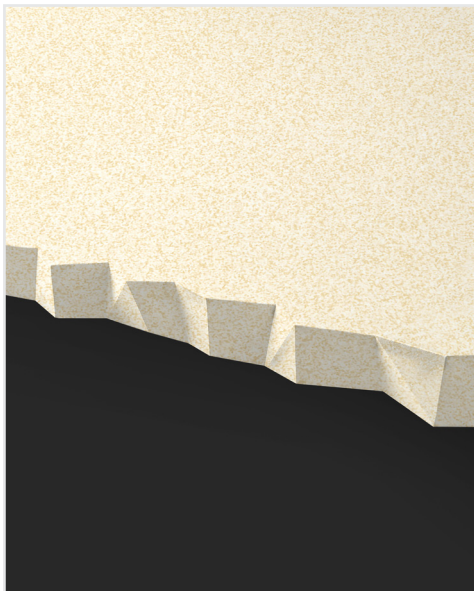
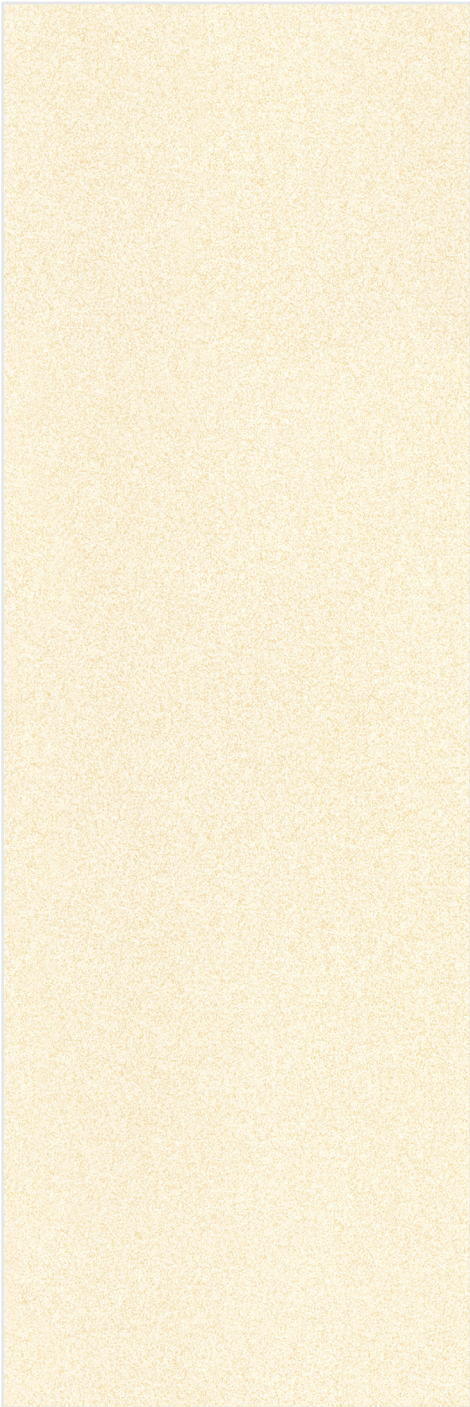


No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒



RAVELLO SAND

RAVELLO SAND



No.	Sizes	Thickness	Polished	Matt
1	800x2400mm	15MM	☒	☒
2	1200x1800mm	9MM	☒	☒

FULL BODY



ELEVATES EVERY SPACE
WITH TIMELESS ELEGANCE.



ISO - STANDARD TECHNICAL SPECIFICATIONS

CHARACTERISTICS	STANDARD AS PER ISO-13006/2018 EN 14411/gr.1bla	FLAIS VALUE	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
Colour Difference	▲ E≤1.00	▲ E≤0.30	ISO 10545-16
Glossiness	As per Mfg.	As per Mfg.	Gloss Meter

Structural Properties

Water Absorption	≤0.5%	<0.03%	ISO 10545-3
Apparent Density	As per Mfg.	>2.20 g/cc	ISO 10545-3

Massive Mechanical Properties

Modulus of Rupture	Min. 40N/mm²	Min. 40N/mm²	ISO 10545-4
Breaking Strength	Min. 1300N	Min. 2000N	ISO 10545-4
Impact Resistance	As per Mfg.	Min. 0.56	ISO 10545-4

Surface Mechanical Properties

Surface Abrasion Resistance	As per Mfg.	Min. Class 3	ISO 10545-4
Moh's Hardness	As per Mfg.	Min. Class 4	BS EN 10171

Thermo Hydrometric 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. 0.2mm/m	ISO 10545-10
Thermal Expansion	Max. 9.0×10 ⁻⁶	Max. 6.0×10 ⁻⁶	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

Size	Thickness	Sq.ft	Pcs/Box	Box weight (approx)
800x2400mm	15 mm	20.67	1	69kg
1200x1800mm	9 mm	46.5	2	88kg

EUROPEAN STANDARD TECHNICAL SPECIFICATIONS

CHARACTERISTICS	STANDARD AS PER ISO-13006/2018 EN 14411 gr.1bla	FLAIS VALUE	TEST METHOD
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Regulatory Properties

Deviation in Length & Width	±0.6%	±0.3%	BS EN ISO 10545-2
Deviation in Thickness	±5.0%	±0.3%	BS EN ISO 10545-2
Straightness of Sides	±5.%	±0.3%	BS EN ISO 10545-2
Rectangularity	±0.6%	±0.3%	BS EN ISO 10545-2
Surface Flatness	±5.0%	±0.3%	BS EN ISO 10545-2
Colour Difference	▲ E≤1.00	▲ E≤0.30	BS EN ISO 10545-16
Glossiness	As per Mfg.	As per Mfg.	Gloss Meter

Structural Properties

Water Absorption	±5.0%	<0.05%	BS EN ISO 10545-3
Apparent Density	As per Mfg.	>2.20 g/cc	BS EN ISO 10545-3

Massive Mechanical Properties

Breaking Strength	>1300N	>1500N	BS EN ISO 10545-4
Modulus of Rupture	>35N/mm2	>45N/mm2	BS EN ISO 10545-4
Resistance to Deep Abrasion	<175mm3	<150mm3	BS EN ISO 10545-6

Thermo Hydrometric Properties

Linear Thermal Expansion	≤9x10 ⁻⁸ °C ¹	≤7x10 ⁻⁶ °C ¹	BS EN ISO 10545-8
Thermal Shock Resistance	No visible defect	No visible defect	BS EN ISO 10545-9
Frost Resistance	Frost proof	Frost proof	BS EN ISO 10545-12
Moisture Expansion	Nil	Nil	-

Chemical Properties

Resistance to Chemicals	No visible effect	No visible effect	BS EN ISO 10545-13
Apparent Density	Manufacturer to State Class	Stains removed Min. Class 2	BS EN ISO 10545-14

Surface Mechanical Properties

Colour Resistance	No Damage	No Damage	BS EN ISO 10545-16
Colour Resistance to UV Light	No Change in Color	No Change in Color	DIN 51094
Scratch Hardness (MOH's Scale)	MATT > 6 MOHS	MATT > 6 MOHS	EN 101
Surface Quality	Min. 95%	Min. 95%	BS EN ISO 10545-2
Skid Resistance (Friction Co-Efficient)	>0.4	>0.4	BS EN ISO 10545-17
Moisture Expansion	Nil	Nil	-

Safety Properties

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



Scan or Click to Open

PRODUCT
PACKING MANUAL

INSTALLATION SUGGESTIONS

TRADITIONAL FLOOR LAYING

Laying FLAISGRANITO SCS requires similar laying conditions to those required for traditional formats. Requires the adhesive to be applied both on the setting bed and on the back of the tile.

FLAISGRANITO Tiles for flooring require the following conditions:

- A flat surface;
- Clean and free from dust, scraps and any lumps of cement;
- The setting bed must be uniform and have already undergone the drying shrinkage process;
- Repair of any cracks;
- Any uneven parts on the surface must be filled with suitable levelling compounds.

INSTRUMENTS REQUIRED

- Cement-based powder adhesive for full spread
- 3x3mm square toothed trowel and 15mm round toothed trowel;
- Frame with suction cups for handling or double suction cups;

Non-bounce plastic mallet 170x370mm;

Levelling system: base clip + wedge + pliers.

PROCESSING STAGES

BONDING TO THE FLOOR

- 1) Ensure that the surface to be covered is solid, flat and free from dust and oil/grease.
- 2) Use the adhesives described above mixed according to the specifications indicated in the technical data sheet of the chosen adhesive.
- 3) Spread the adhesive onto the surface to be covered with a 15mm round toothed trowel across an area of 5/10 cm more than the dimensions of the Tile.
- 4) With the tile in a vertical position on the handling frame, spread the adhesive onto the back of the slab with a 3x3mm square toothed trowel.
- 5) Using the frame with suction cups, bring the tile into a horizontal position and lay it.
- 6) To guarantee uniform bonding of the slab, the special 170x370mm non-bounce plastic mallet must be used, tapping from the middle towards the edges

so as to remove any air pockets between the back of the tile, the adhesive and the surface to be tiled.
- 7) Using the levelling system.

LEVELLING SYSTEM

The levelling system aims to guarantee perfectly levelled floors simply and quickly, eliminating any unevenness between the tiles. The levelling system is strongly recommended for laying FLAISGRANITO Tiles.

Instruments required

- Base clip;
- Wedge;
- Adjustable pliers for installing floors/wall tiles.

Application of the levelling system

Positioning the base clip:

- a) After spreading the adhesive, insert the base clip below the FLAISGRANITO tile on the 4 sides.
- b) Depending on the format of the tile, position one or more supports for each side of the tile.
- c) Position the tile.

Inserting the wedge:

- a) Insert the wedge in the slot of the support, taking care not to exceed the breaking point.
- b) To make inserting the wedge easier, it is recommended to use the adjustable pliers.

Removing the support:

- a) Once the adhesive has dried, the protruding part of the support can be separated from the base clip by tapping with your foot in line with the joint.

GENERAL ADVICE FOR GROUTING

Pay attention while choosing joint sealants: check the technical sheets, choose them shade matched and follow carefully the recommended cleaning times, as many new generation coloured sealants contain pigments and additives that can be very strong. For polished/glossy surfaces do not use epoxy grouts or synthetic based flexible mortars (Flexfughe) and do not add additives/latexes to the grout, as they make the removal of residues with standard detergents very difficult. However, should you decide to use them, it is recommended to make a previous test off site.

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.

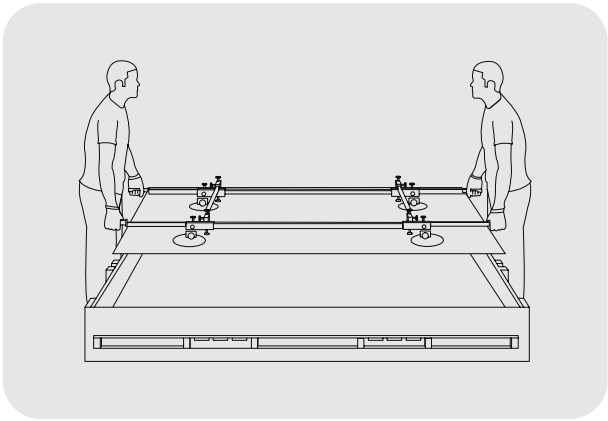
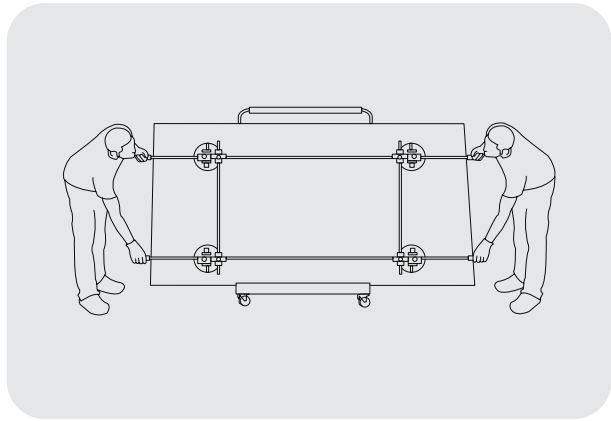
TYPE OF STAIN	CHEMICAL PRODUCT	EXAMPLE
Grease	Alkaline - Solvent	Detergent
Oil	Solvent	Ammonia, Backing Soda
Ink	Oxidant - Solvent	Alcohol, Liquid Bleach, Nail Paint Remover
Rust	Acid	Hydrochloric Acid, Vinegar, Red Harpic
Lime	Acid	Descaling Reagent, Hydro Chloric Acid
Cement	Acid	Hydro Chloric Acid
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.

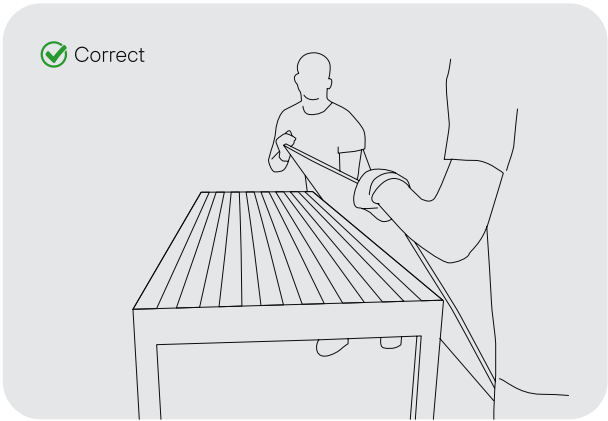
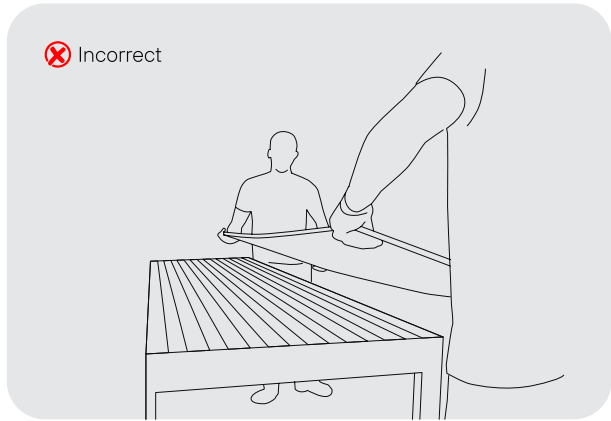
MANUALLY TRANSPORTING TILES

ONLY FOR 1/4" SLABS

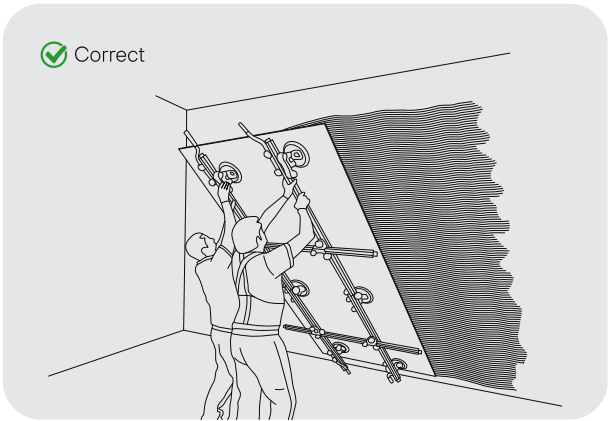
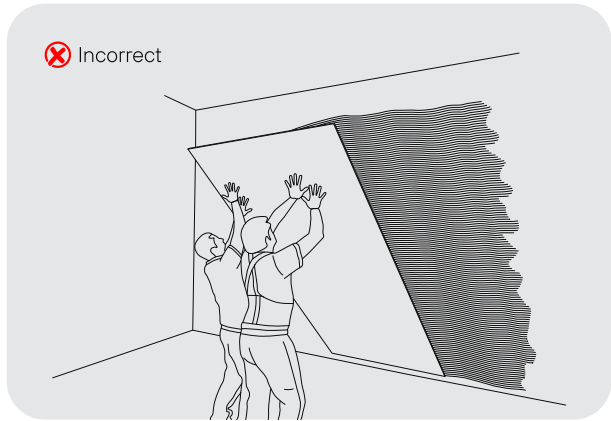
MOVING A SLAB



RISING A SLAB ON TO A BENCH

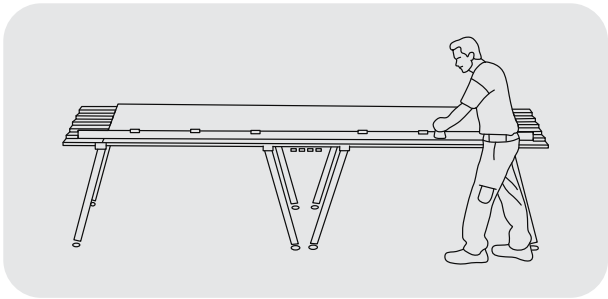
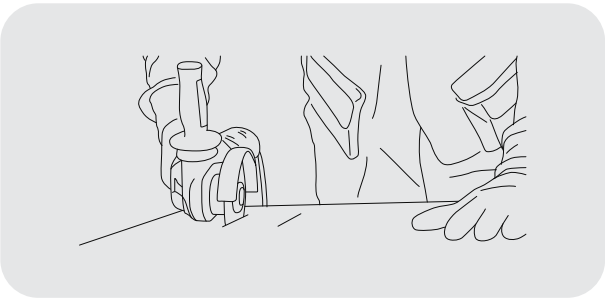


SLAB FIXING IN THE WALL



WORKING WITH THE VARIOUS VERSION OF TILES

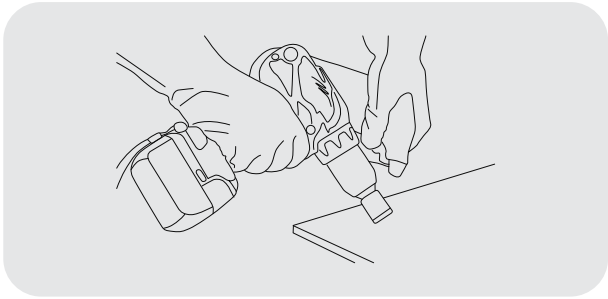
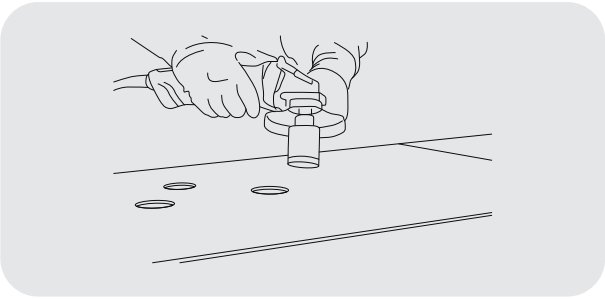
CUTTING WITH DIAMOND DISCS



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

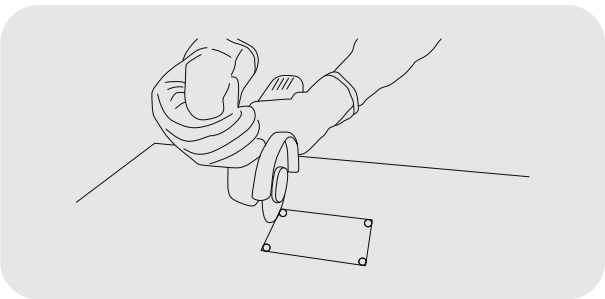
Tile should be kept on FLAT support while cutting. Do not keep any hollow gaps underneath the tile.

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:

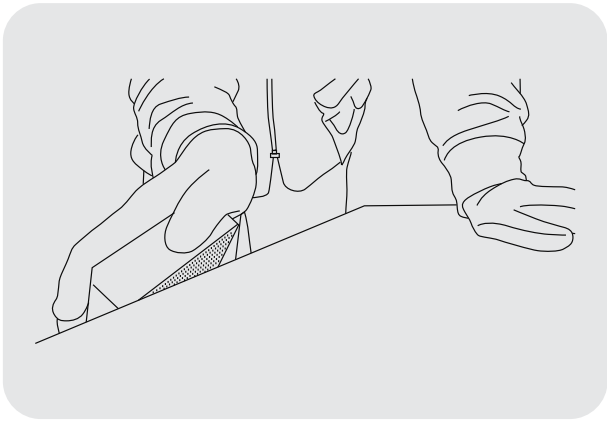
Cool the point being drilled with water

Do not exert too much pressure and bear in mind the resistance of the type of laminated stoneware you are working on

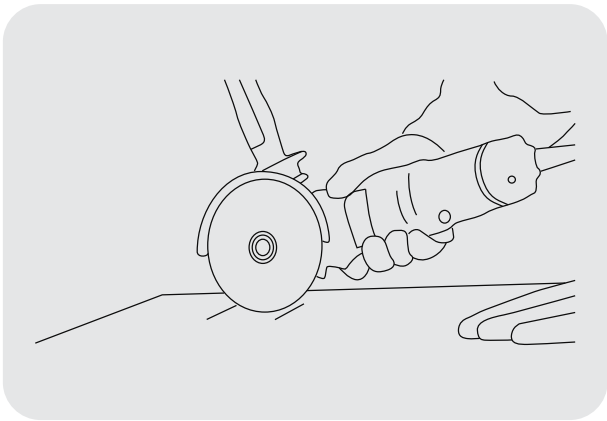
- If you are using tungsten bits, start drilling at a low speed

WORKING WITH THE VARIOUS VERSION OF TILES

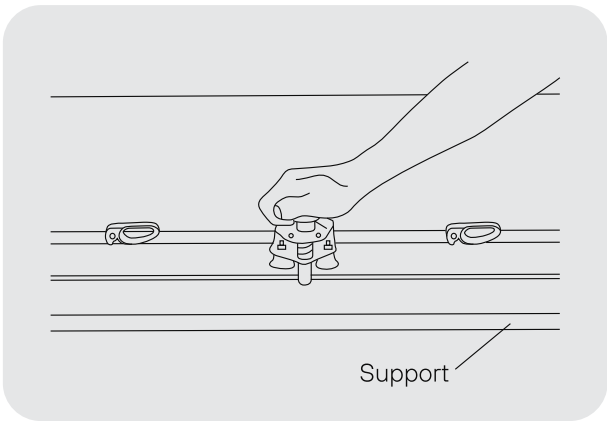
CUTTING WITH DIAMOND DISCS



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.

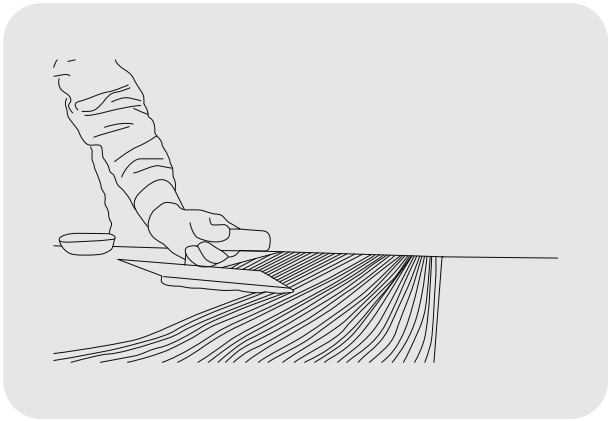


While cutting the STRIP from the tile, put a strong support on the edge of the tile from edge to edge and then cut it. This is a must do to avoid breaking of the tile from the edges.

INSTRUCTIONS FOR MANUAL INSTALLATION:

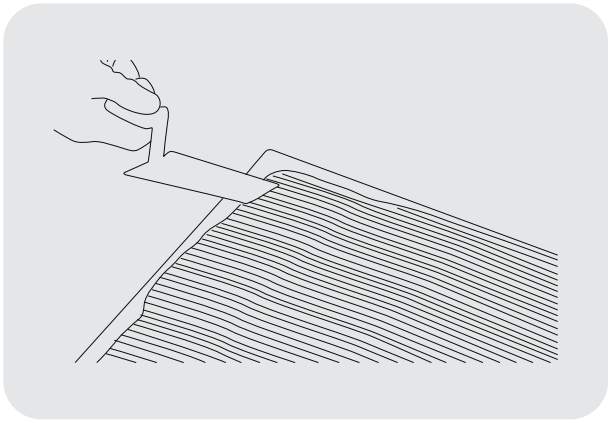
APPLYING ADHESIVE

SINGLE LAYER METHOD



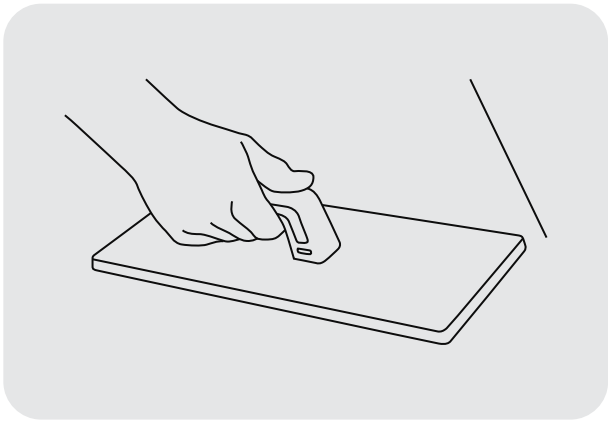
This method refers only to adhesives that bear the indication "single-layer" by the manufacturer. Spread adhesive on the complete surface of the support. Follow the instructions of the manufacturer of the adhesive as regards type of spatula and spreading methods.

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.



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