



15mm THICKNESS — PRODUCT CATALOGUE — YEAR 2022

SOLID — INSPIRATIONAL — VERSATILE



15mm THICKNESS — PRODUCT CATALOGUE — YEAR 2022

PRODUCT STORY

Our ROCK SOLID collection brings a wide collection of big slabs of 800×2400mm. These grand sizes are designed to create a luxurious ambience that reflects grandeur from every corner of the space.

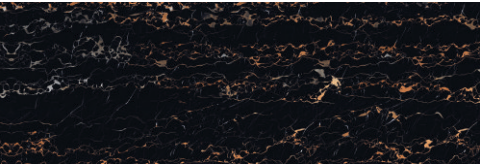
With our surfaces, you can bring alive your dream space and design aesthetics that keeps the on-lookers in awe of the place. These tiles are made to be strong and durable like a rock!

SOLID
INSPIRATIONAL
VERSATILE



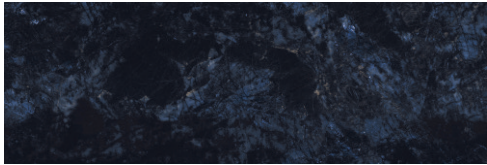
COLLECTION+ SIZE

ROCK SOLID - MARBLE SERIES



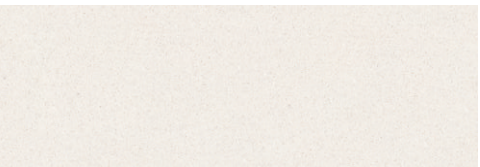
GOLDEN PORTARO

COLORBODY



VOLGA BLUE

ROCK SOLID - STONE SERIES

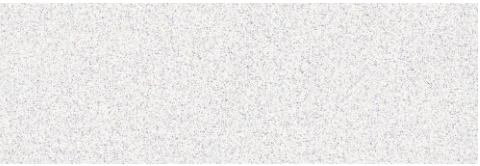


FERRO CREMA

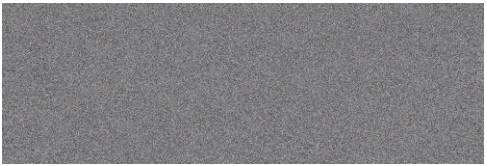
FULLBODY



FERRO BROWN



FERRO QUARTZ WHITE



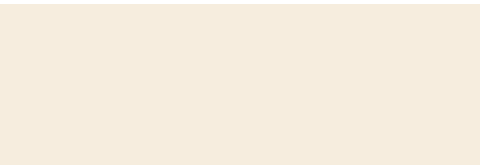
FERRO GREY



FERRO BLACK



BLACK-Matt

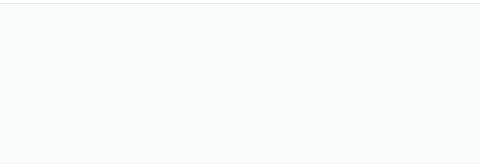


BEIGE



GREY

ROCK SOLID - COLOR SERIES



WHITE

COLORBODY



BLACK

CHANGING DEFINITION OF VERSATILE APPLICATION SOLUTION.



LARGE FORMAT

The grand size of Rock Solid slabs create luxurious and spacious decor for all kinds of residential and commercial places. With these big sized tiles, the grout lines decrease in the space giving it a clean and seamless look.



CUSTOMIZATION

As the Rock Solid slabs have a great thickness of 15mm, it becomes easier to customise them by cutting them to fit different spaces or giving different shapes to their edges.



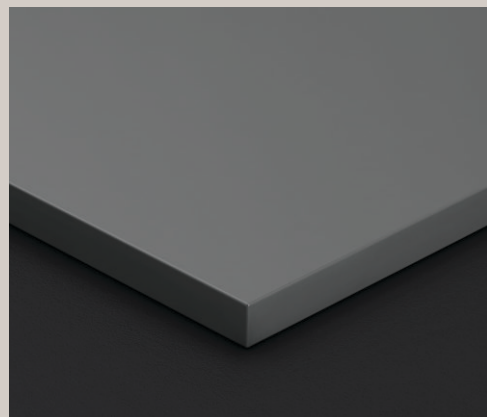
EASY INSTALLATION

Rock Solid slabs breaks the myth of large-sized tiles being difficult to install with its 800×2400mm tiles that are super easy to handle and install.

THICKNESS + BODY + FINISHES

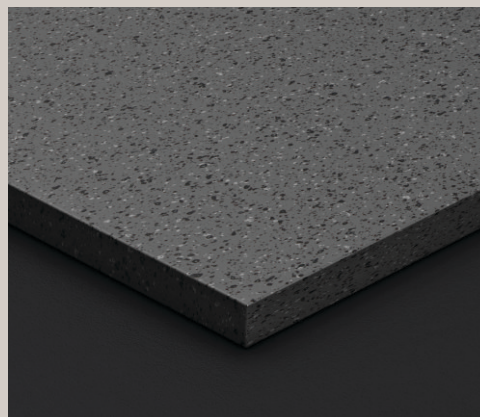


The Rock Solid slabs have a thickness of 15mm which makes them highly durable and resistant to wear and tear even in heavy traffic areas.



COLORBODY

Colorbody tiles are created with continuous coloured stains from the glaze surface throughout the body of the tile.



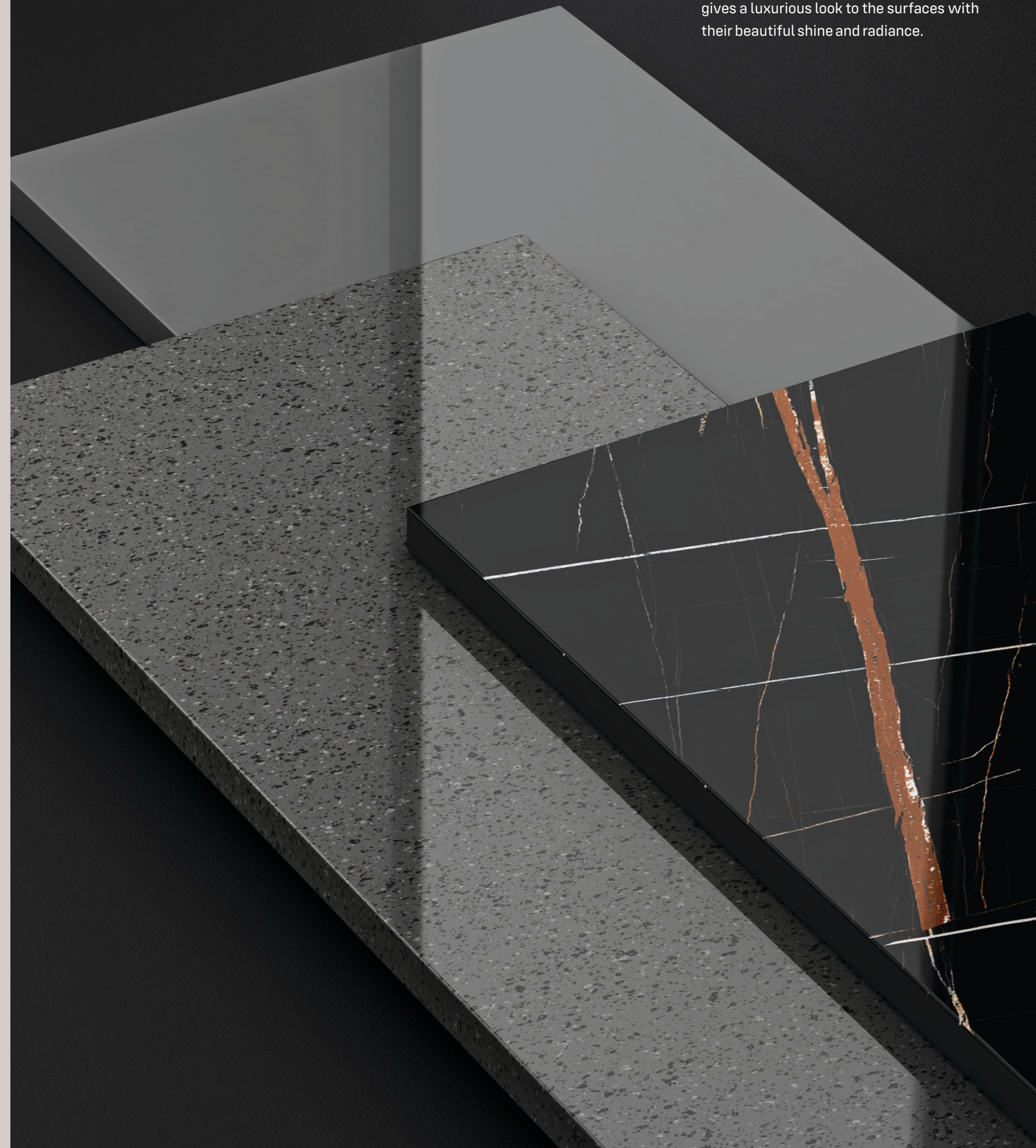
FULLBODY

Fullbody is a product whose surface colour is the same all the way through the body of the tile.

EXPLORE INSPIRATIONAL SURFACES.

POLISHED/MATT FINISH

Our tiles have a polished finish which gives a luxurious look to the surfaces with their beautiful shine and radiance.



APPLICATION AREAS



INNOVATIVE INTERIOR DESIGN AND ARCHITECTURE SOLUTIONS FOR

- 1 — Countertops
- 2 — Fire place frames
- 3 — Table top
- 4 — Doors and Windows frames
- 5 — Wall Covering
- 6 — Floor Covering
- 7 — Furniture
- 8 — Step & Riser



The Rock Solid slabs come in various designs that create beautiful aesthetics for a space. The usability of these surfaces is not just restricted to the flooring but they can be installed in many different spaces. Due to their large size, they form

great countertops and tabletops. They can also be used as furniture surfaces. These tiles can be used as wall coverings and as step and riser in indoor as well as outdoor areas. They are also very useful to enhance fireplace frames and door and

window frames. With so many application and design options, they provide a complete architectural solution for designing a space.

PRODUCT FEATURES



ULTIMATE INSPIRATION











The ROCK SOLID slabs brings out your creative side and inspires you to experiment with its various features that keep the decor of your space flawless.

IT RESISTS EVERYTHING

These spectacular tiles are designed to be resistant to any and every kind of damage with features like resistance to scratches, stains, abrasion, UV rays, fire and much more.

SURFACES WITH FEATURES THAT CREATE A COMFORTABLE LIFESTYLE



-  **Highly UV Resistant**
-  **Scratch Resistant**
-  **Resistant to Stains**
-  **Maximum Resistance to Fire and Heat**
-  **Resistant to Abrasion**
-  **Resistance to Freezing and Thawing**
-  **Superior Mechanical Resistance**
-  **Low Water Absorption**
-  **Dimensional Stability**
-  **Fireproof Material**

BATHROOM

■ FURNISHING —
FERRO GREY
800x2400mm

■ WALL —
WHITE
800x2400mm

■ FLOOR —
FERRO GREY
800x2400mm

KITCHEN + DINING



■ WALL —
BLACK
800x2400mm

■ WALL —
FERRO GREY
800x2400mm

■ WALL —
WHITE
800x2400mm

■ FLOOR —
WHITE
800x2400mm

LIFT AREA



■ WALL —
VOLGA BLUE
800x2400mm

SPA



■ WALL —
FERRO CREMA
800x2400mm

■ FURNISHING —
FERRO BLACK
800x2400mm

■ FLOOR —
FERRO CREMA
1200x2400mm

KITCHEN



■ WALL —
WHITE
800x2400mm

■ WALL —
FERRO BROWN
800x2400mm

■ COUNTERTOP —
FERRO CREMA
1200x2400mm

BATHROOM



■ COUNTERTOP —
GREY
800x2400mm

■ WALL —
WHITE
800x2400mm

■ BATH TUB —
GREY
800x2400mm

■ FLOOR —
FERRO BROWN
800x2400mm

ROCK SOLID — 800x2400mm — BIG SLABS — 15mm THICKNESS



Thanks to the 15mm thickness, Our slabs provide an outstanding performance in terms of stability, resistance to water and moisture, durability and hygiene.

Even in bathrooms, Our slabs are ideal for free, innovative contemporary design, combining style, malleability and a captivating sensation of aesthetic continuity, with outstanding performance in terms of stability, resistance to water and moisture, durability and hygiene.

KITCHEN

■ WINDOW FRAMES —
BLACK
800x2400mm

■ WALL —
WHITE
800x2400mm

■ COUNTERTOP —
GREY
800x2400mm



ROCK SOLID — 800x2400mm — BIG SLABS — 15mm THICKNESS



Thanks to the 15mm thickness, Our slabs provide extremely malleable, yet highly resistant material that guarantees the highest hygiene and safety levels.

Countertops, backsplashes, tables and other tailor-made furnishing and covering solutions: Our slabs make it possible to design kitchens characterized by perfect stylistic continuity using an extremely malleable, yet highly resistant material that guarantees the highest hygiene and safety levels.

KITCHEN

■ FURNISHING —
FERRO GREY
800x2400mm

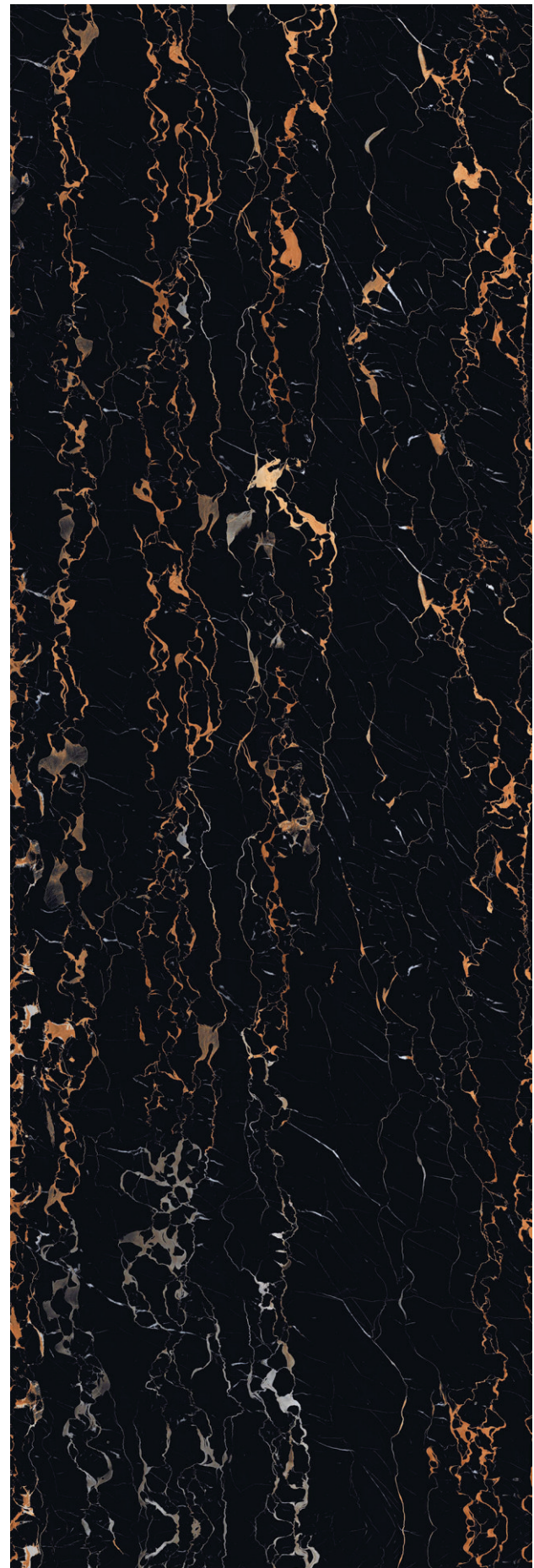
■ COUNTER —
FERRO BLACK
800x2400mm

■ FLOOR —
FERRO GREY
800x2400mm

MARBLE SERIES

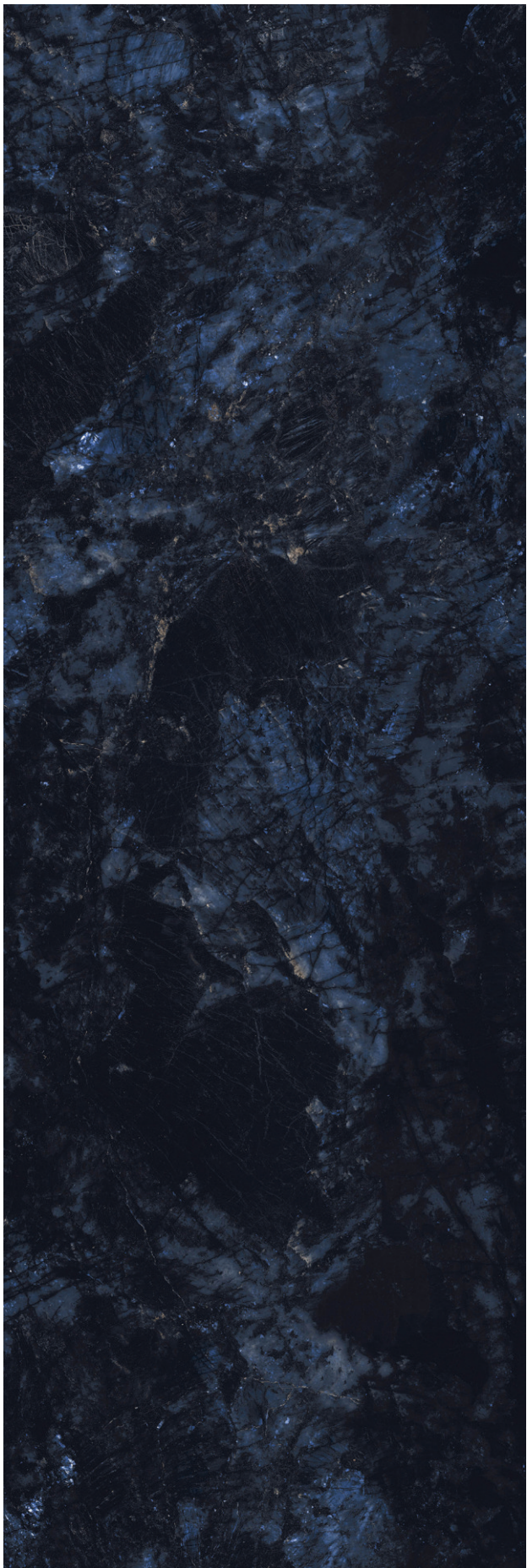
ROCK SOLID — 800x2400mm — BIG SLABS — 15mm THICKNESS

GOLDEN PORTORO



FINISH - POLISHED

VOLGA BLUE



FINISH - POLISHED

STONE SERIES

ROCK SOLID — 800x2400mm — BIG SLABS — 15mm THICKNESS

FERRO CREMA



FINISH - POLISHED

FERRO BROWN



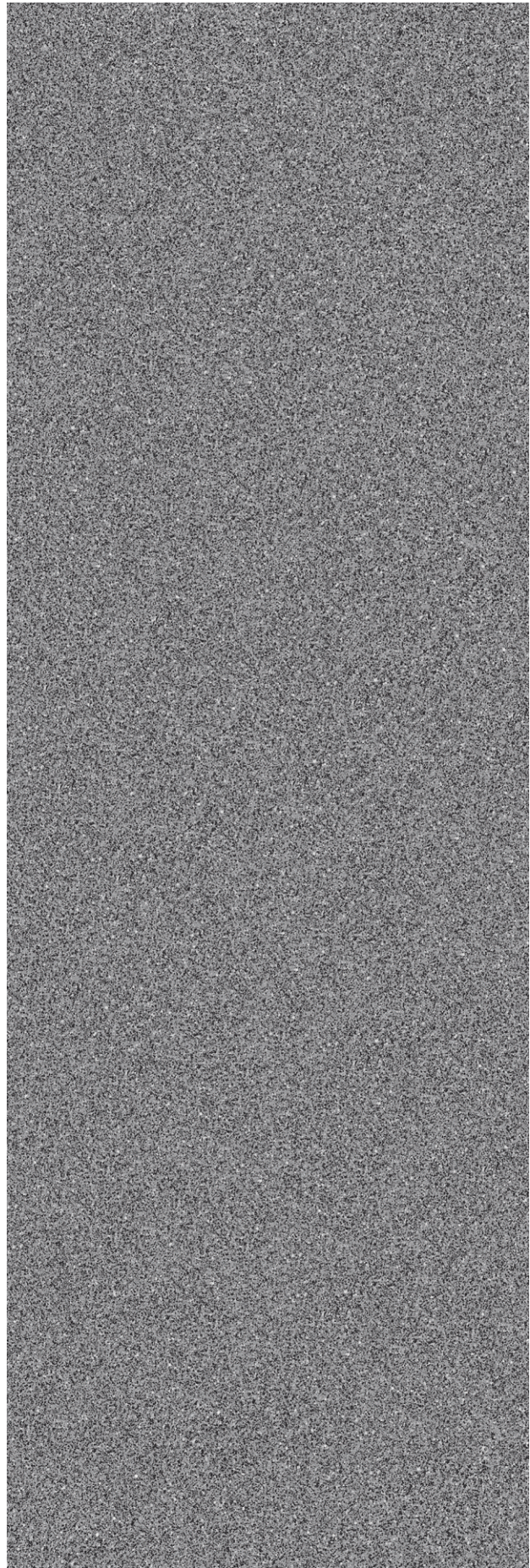
FINISH - POLISHED

FERRO QUARTZ WHITE



FINISH - POLISHED

FERRO GREY



FINISH - POLISHED

FERRO BLACK

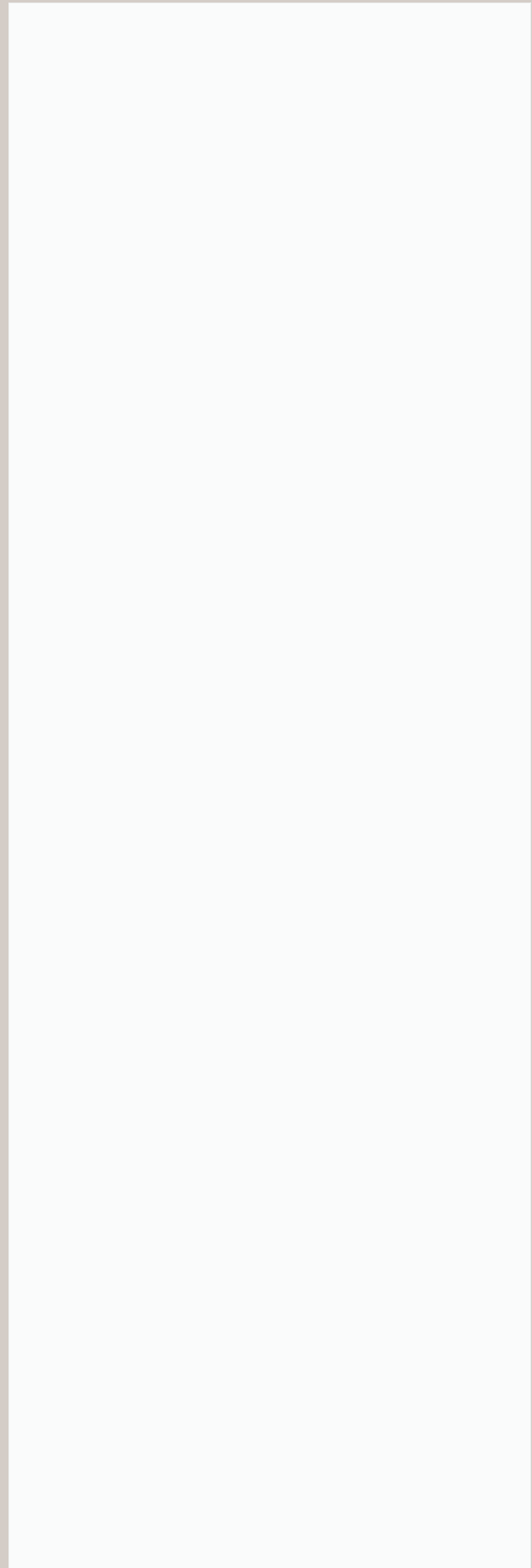


FINISH - POLISHED

COLOR SERIES

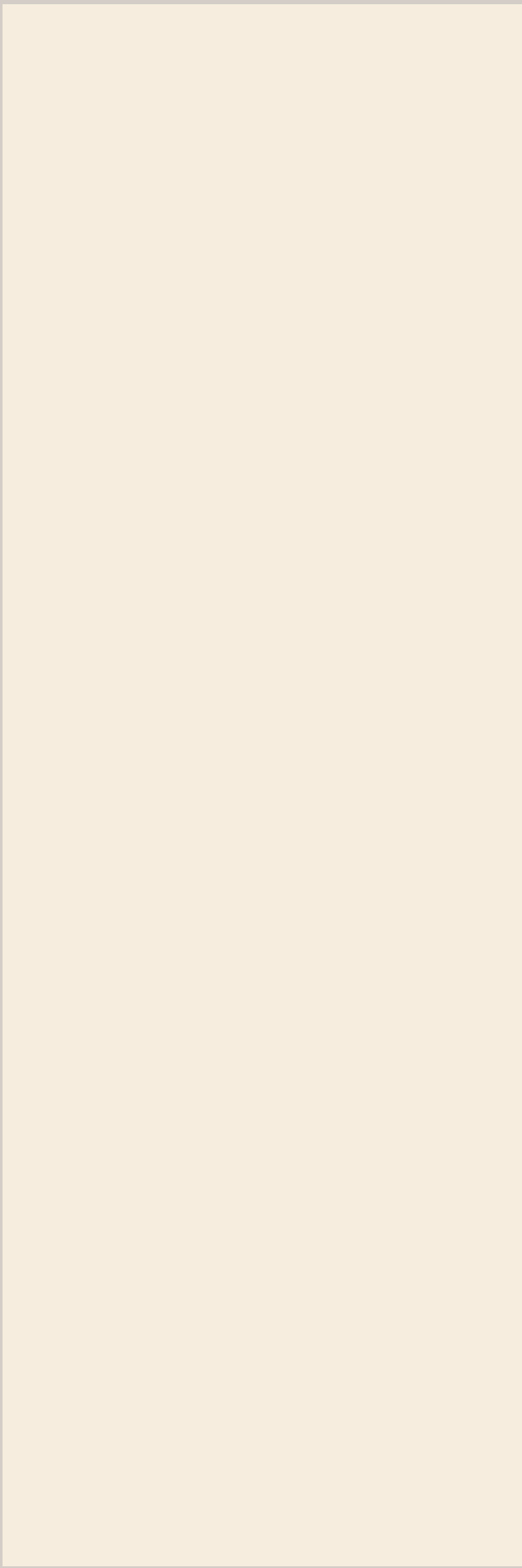
ROCK SOLID — 800x2400mm — BIG SLABS — 15mm THICKNESS

WHITE



FINISH - POLISHED

BEIGE



FINISH - POLISHED

GREY



FINISH - POLISHED

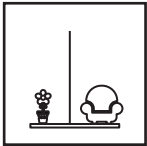
BLACK



FINISH - POLISHED / MATT

TECHNICAL SPECIFICATION

DESTINATION OF USE



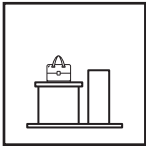
HOME - INDOOR
WALL- FLOOR



HOSPITALITY
WALL- FLOOR



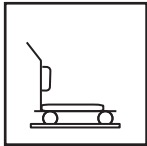
OFFICES
WALL- FLOOR



SHOP \ BOUTIQUE
WALL- FLOOR



EXTERNAL
CLADDING
WALL



COMMERCIAL
WALL- FLOOR

FEATURES

FULL WALL HEIGHT CLADDING

Slabs in 800x2400mm are perfect for cladding the entire height of the wall with a single piece: no need for cutting and joints.

FURNITURE APPLICATION

Thanks to the resistance to loads guaranteed by the 15mm thickness, our large slabs can also be used on furnishing such as door and window frames.

DURABILITY OF GVT TILES

Our slabs ensure excellent performance in terms of resistance and non-absorption.

SAFE HANDING

Our large-size slabs in 15mm thickness reduce bending during handling thus improving safety.

EDGE FINISHES

Our exceptional surfaces have 15mm thickness which lets you experiment with the design of its edges. You can give different finishes to the edges like 45° Square edge, Square straight edge or Half bullnoss edge among many others. This uplifts the look of the surface and gives it a unique style.



45° SQUARE EDGE



SQUARE STRAIGHT EDGE



SQUARE DOUBLE STRAIGHT EDGE



HALF BULLNOSS EDGE



45° ROUNDED EDGE



ROUNDED DOUBLE STRAIGHT EDGE

WALL-FLOOR INSTALLATION

Our
Large Slabs

SURFACE PREPARATION: TRADITIONAL FLOOR LAYING

Laying ROCK SOLID 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.

Our Tiles for flooring require the following conditions:

- 1- Flat surface.
- 2- Clean and free from dust, scrap sand any lumps of cement.
- 3- The setting bed must be uniform and have already undergone the drying shrinkage process.
- 4- Repair any cracks.
- 5- Any uneven parts on the surface must be filled with suitable, levelling compounds.

Instruments required:

- 1- Cement-based powder adhesive for full spread.
- 2- 3 x 3mm square toothed trowel and 15mm round toothed trowel.
- 3- Frame with suction cups for handling or double suction cups.
- 4- Non-bounceplasticmallet170x370mm
- 5- Levelling system: base clip+wedge+pliers.

Processing
Stages

BONDING TO THE FLOOR TRADITIONAL FLOOR LAYING

- 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 5/10cm 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.

Leveling
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 our tiles.

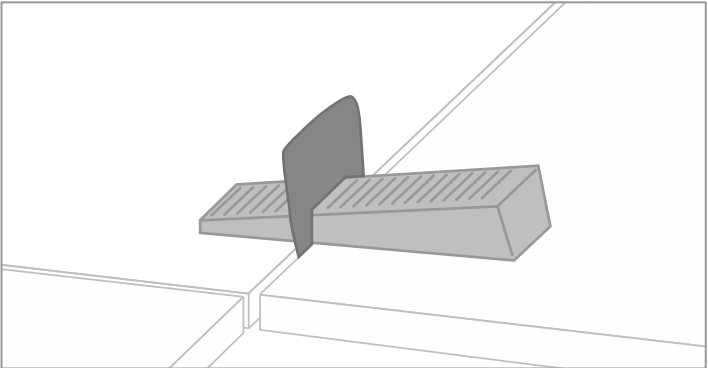
Instruments required:

- 1- Base clip.
- 2- Wedge.
- 3- Adjustable pliers for installing floors/wall tiles.
- 4- Application of the levelling system.
- 5- Positioning the base clip.
- 6- After spreading the adhesive, insert the base clip below the tile on the 4 sides.
- 7- Depending on the format of the tile, position one or more supports for each side of the tile.

Inserting
the wedge:

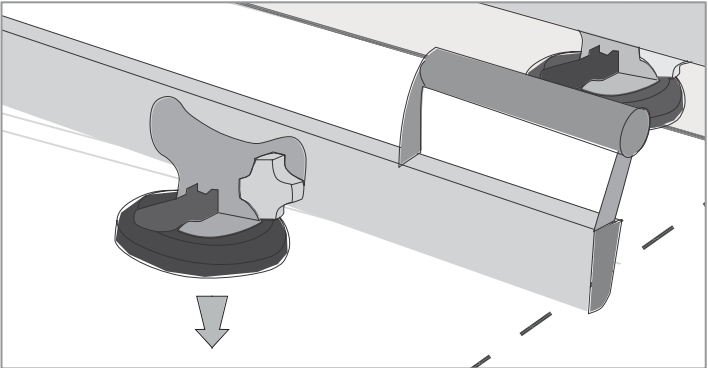
Insert the wedge in the slot of the support, taking care not to exceed the breaking point.

To make inserting the wedge easier, it is recommended to use the adjustable pliers.



Removing
the support:

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

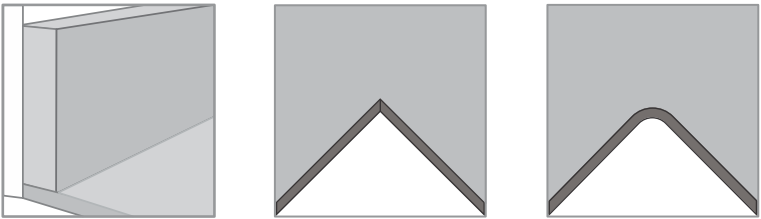
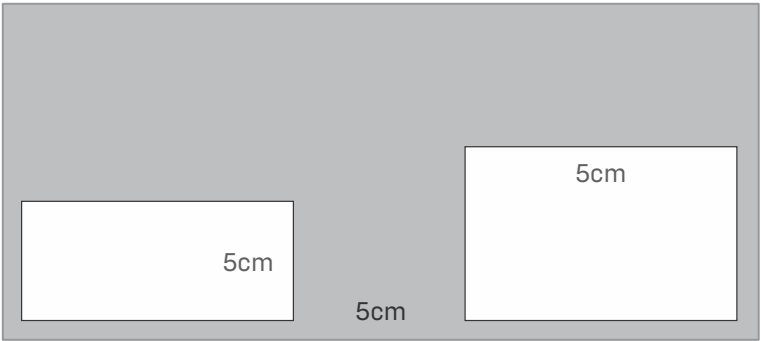
Pay attention while choosing joint sealants: check the technical sheets, choose them shade matched and follow carefully the recommended cleaning times, as many new generation coloured sealants contain pigments and additives that can be very strong. For polished/glossy surfaces do not use epoxy grouts 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.

COUNTER TOP INSTALLATION

Installation of sinks

When it comes to countertop, there are lots of factors need to take into consideration, to avoid any problem during its transformation or while usage.

It is advisable to leave a minimum distance of 5 cm to outer edges and between gaps. A joint o atleast 2mm from the walls next to the countertop, which shall be sealed with silicone once it is installed, protecting the surface. We recommend covering the joint with the trim.



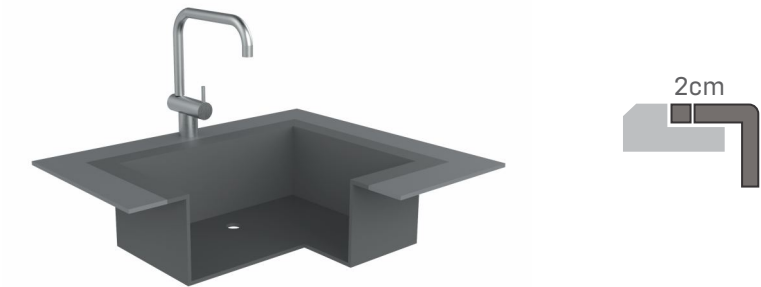
Inner corners of gaps shall have a 5mm radius at least.

Installation of induction hobs

The need to add induction hobs on countertops offers different possibilities.



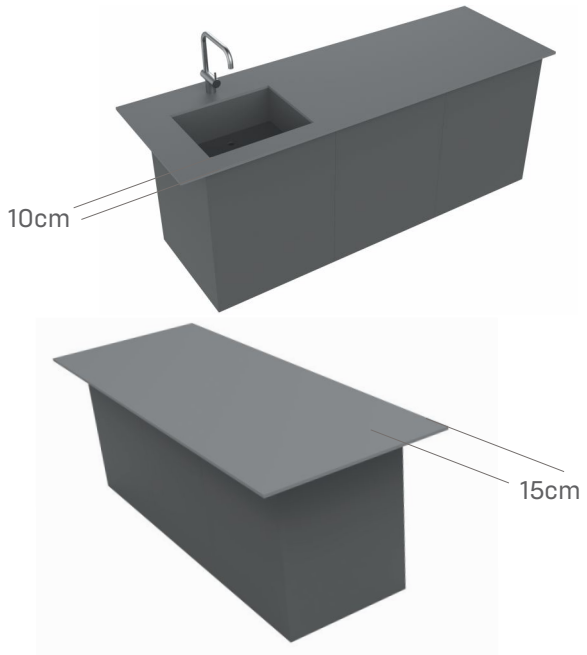
It is recommended to leave always at least 2mm between the fixtures and the edge of the cutout.



In the case of installing large format sinks, it is recommended to use a sink setter or support rail system in order to avoid peeling it off or even the breakage of the piece.

Installation of kitchen tops

While installing counter tops, we recommend that overhang be no greater than 15cm to prevent the breakage due to bending while usage. If the piece has had any openings cut out for the sink the overhang shall not exceed 10cm.

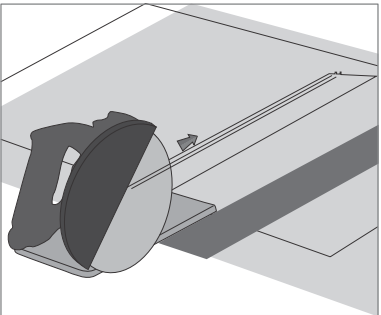


CUTTING METHODS

Our large slabs

Manual cutting

Manual cutting requires a cutting guide with a diamond disk carriage. This type of cut can only be straight and ding on the thickness and length of the cut, cutting may be performed through cutting with the disk or by scoring and deepen breaking.



Manual cutting with disk

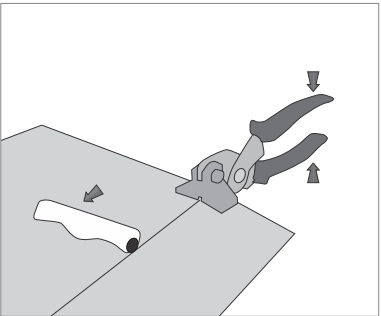
Water jet cutting

Water jet cutting should start and end, whenever possible, from the outside of the piece to release stresses, observing a margin of 40mm to the end of the piece once cutting has started to avoid failure.

Cutting pressure shall not exceed 4100 bar and cutting speed shall be below 0.8m/min.

Inner cutting

Manual cutting of internal segments of a slab shall always be done with a disk. Each of the vertices shall be perforated beforehand with a drill providing a minimum fillet radius of 5 mm; in no case, shall it be possible to perform a cut angle of larger than 180 at an angle smaller than 180.



Manual cutting with pliers

CHECK YOUR MATERIAL

Rock Solid slabs are made with comfortable safety margins for the performance of all the machining operations described above. However, Rock Solid slabs accept no responsibility for any failure of the material because of bad machining or discovered after such machining, should this occur. Rock Solid slabs only accept responsibility for the material if it has any defect before any machining operation is performed on it.

CLEANING AND MAINTENANCE

Initial cleaning

All our materials are easy to clean and maintain. Regular cleaning highlights the aesthetic features of the material and gives the floor an exceptional shine.

The initial cleaning done immediately after the flooring laid is of essential importance for removing all mortar, adhesives and epoxy residues that may be left in the joints. In this initial phase, we recommend that you use an acid product such as DETERDEK, in a 1:5 concentration. Rub energetically to obtain the maximum cleaning. After washing the floor, which is just as important, rinse thoroughly with plenty of water to remove all traces of the detergent used. These steps are recommended for all our collections.

Maintenance

Thanks to the characteristics of the production process (high firing temperature, raw materials of great quality, sintering process), the surface of our material is waterproof (the water absorption is minimum), Therefore the dirt cannot penetrate but it is necessary to remove it from the surface. For this procedure do not use detergents containing waxes or waxing products, to avoid the forming of greasy layers; for choosing the most appropriate detergent refer to the following chapters. After the installation of floors, particularly of those made with polished materials, the surfaces should be adequately protected with particle board or other suitable materials in order to protect them from dirt and on-site processing. This prevents damage caused by subsequent processing.

General Advice

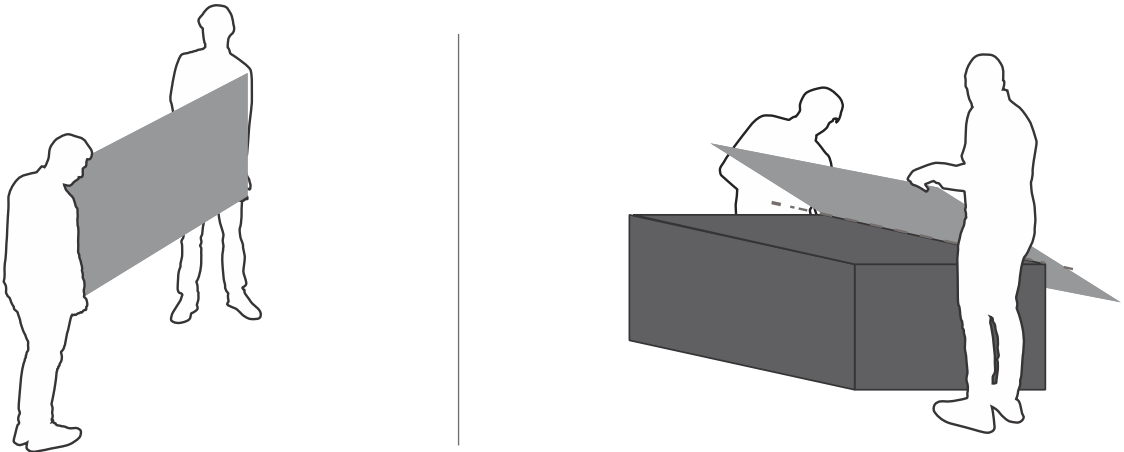
In commercial and heavily used surface areas such as airports, hospitals, supermarkets, and any public spaces with heavy foot traffic which are thus subject to considerable soiling, it is necessary to use automatic cleaning machines with suction of the washing liquids.

This allows not only deep cleaning but also the continuous removal of liquids containing substances that cause soiling, thus preventing the formation of films that are very difficult to remove. Any detergent on the market can be used in the desired concentration for cleaning our high technology sintered products, except for HYDROFLUORIC acid (HF) or its compounds, according to UNI-EN 176 standards. To keep costs limited and speed up maintenance operations, the concentration of the detergent must always be as low as possible. For raised floors we suggest choosing bright or polished surfaces in large sizes: these materials can be dry cleaned or with the minimum use of liquids. After the floor is laid it is necessary to make a very accurate initial cleaning with proper products.

Cleaning

For these materials, after completing the steps described in the section “Initial Cleaning”, you only need to clean the floor with hot water containing small quantities of an alkaline detergent such as FILA CLEANER in a concentration 1:200. On these types of surface it is not advisable to apply a waterproofing product: the absence of porosity causes the waterproofing agent to deposit on the surface in an uneven way and to have unpleasant aesthetic effects.

Handling



ROCK SOLID — 800x2400mm — BIG SLABS — 15mm THICKNESS

TECHNICAL SPECIFICATIONS

Sr. No.		International Std. ISO 13006 / EN 14411 Group Bia	Speciication Our Tiles	Method of testing
Dimensions & Surface Quality				
1	Lenght	±0.6%	±0.1%	ISO 10545-2
2	Thickness	±5%	±3.0%	ISO 10545-2
3	Straightness of Sides	±0.5%	±0.1%	ISO 10545-2
4	Rectangularity	±0.5%	±0.1%	ISO 10545-2
5	Surface Flatness	±0.5%	±0.1%	ISO 10545-2
6	Glossiness (Only for polished products)	Declared By Manufacturer	92~105%	ISO 2813(Gloss Meter)
7	Surface Quality	Min.95% Tiles Should Be Free From Defects	Min.98% Tiles Free From Defects	ISO 10545-2
Physical Characteristics				
8	Water Absortion	E≤ 0.5 %	≤ 0.05%	ISO 10545-3
9	Mohs Hardness	≥ 6	≥ 6	ISO 10545-3
10	Moisture Expansion	Nil	Nil	ISO 10545-10
11	Abrasion Resistance	Declared By Manufacturer	Pei 3~5(Depend On Product)	ISO 10545-7
Mechanical Characteristics				
12	Flexural Strength (MOR)	≥ 35 N/mm ² (350kg/cm ²)	≥ 37 N/mm ² (370 kg/cm ²)	ISO 10545 -4
13	Breaking Strenght	1300 Newton	2000 Newton	ISO 10545 -4
14	Impact Resistance	Declared By Manufacturer	No Indentation Or Cracking	ISO 10545 -5
Safety Characteristics				
15	Skid Resistance (Dynamic Friction)	≥ 0.4	≥ 0.4	ISO 10545 -17
16	Density	≥ 2.0 gm/cc	> 2.3 Gm/cc	Din 51082
Thermo Photo Characteristics				
17	Thermal Shock Resistance	Resistant To 10 Cycles	Pass Min. 10 Cycles	ISO 10545 -9
18	Frost Resistance	Frost Proof	Need To Comply WWith The Standard	ISO 10545 - 12
19	Coficient of Linearthermal Expansion	9x10 ⁻⁶ K ⁻¹	< 5.86x10 ⁻⁶ K ⁻¹	ISO 10545-8
20	Color Resistance to UV light	Resistant	Resistant	ISO 10545 -16
Chemical Characteristics				
1	Chemical Resistance: House hold Chemicals & Swimming Pool Salts	Min. Class- GB	Confirm To Classes-GA	ISO 10545 -13
2	Chemical Resistance: Low Concentrations Acids & Alkalis	Min. Class- GLB	Confirm To Classes-GA	ISO 10545 -13
3	Chemical Resistance: High Concentration Acids & Alkalis	Min. Class- GHB	Confirm To Classes-GA	ISO 10545 -13
4	Stain Resistance	Min. Class- 3	Confirm To Class-4	ISO 10545 -14

PACKING INFO:

Dimension (mm)	Slab	Square Meter	Weight (Approx)
800x2400mm	1	1.92 Sq. mt.	70 kg

