

A SYMPHONY OF COLORS CRAETING MOSAIC MASTERPIECE!



ABOUT US

Keramica is a startup that focuses in giving superior services to our clients.

We have made it our goal to disrupt the tiles trend and set a new trend with innovation and experience.

Keramica is the destination for must have tiles that are new, trendy, leading in the market and everything in between. We are here to revolutionise the import business with aggressive management. With our esteemed founders and an excellent team, we are ready to welcome every one of you to be a part of this amazing journey that has just begun.

With plans to expand drastically, Keramica will soon be spreading their wings to reach new achievements that may be impossible for some.

WHAT SETS US APART?

If you are looking for top-shelf tiles, we have what you need! We are committed to provide only the highest-quality tile. Client satisfaction is our top priority.

Our products are the most exclusive that you can use in the development of magnificent projects, from a house to large-scale works. We can help you make the right decision and select the tiles that will give your home a refined touch.

Keramica has set high standards when it comes to service and delivery. With their in-house QC team, they have been able to separate themselves from others by providing superior products.

Our involvement starts right from sourcing the raw materials to making its way all over the globe. They have been able to cater to individual needs of clients and they adapt to new changes as per the requirements to make it a more personalised experience.

LUXURY THAT STAND - OUT

We would be happy to have our believers even if only a small number of people understood the reason for our existence. Instead, we should seek out those who share our world-view.

A SYMPHONY OF COLORS
CRAETING MOSAIC MASTERPIECE!

VISION

Keramica endeavours to be the industry leader by providing trendsetting cutting-edge designs of unparalleled beauty and refinement, uncompromising quality, technologically superior products and dependable services to its clients. Keramica will continue to assert themselves as the supplier of choice in all our product categories, by anticipating and delivering inspiring and advanced solutions to the needs of an ever evolving market.

NETWORK

Our strong network with the clients and the manufacturers gives us an unmatched advantage. Our business network is spread across the globe with our presence in almost 35 countries. Keramica is the perfect bridge between manufacturers and suppliers. With sourcing done from multiple countries already, Keramica is already becoming the choice for individuals and companies who thrive to mark their place globally.



CT60120 097
Random 4 Faces



HIGH GLOSSY

CT60120 098
Random 4 Faces



HIGH GLOSSY

CT60120 099
Random 4 Faces



HIGH GLOSSY

CT60120 100
Random 4 Faces



HIGH GLOSSY

CT60120 101
Random 4 Faces











HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

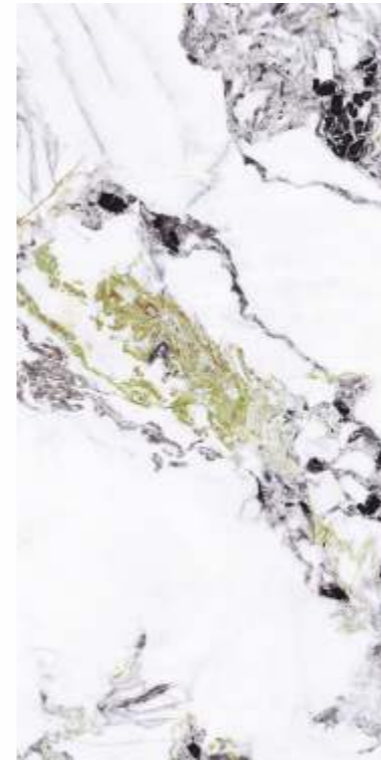
HIGH GLOSSY FINISH

Product
Features

-  Easy to Install
-  Easy to Clean
-  Impact Resistant
-  Resistant to Staining
-  Ecology & Sustainable
-  Acid Resistant
-  Frost Resistant
-  Anti-Slip



CT60120 102
Random 4 Faces



HIGH GLOSSY

CT60120 103
Random 4 Faces



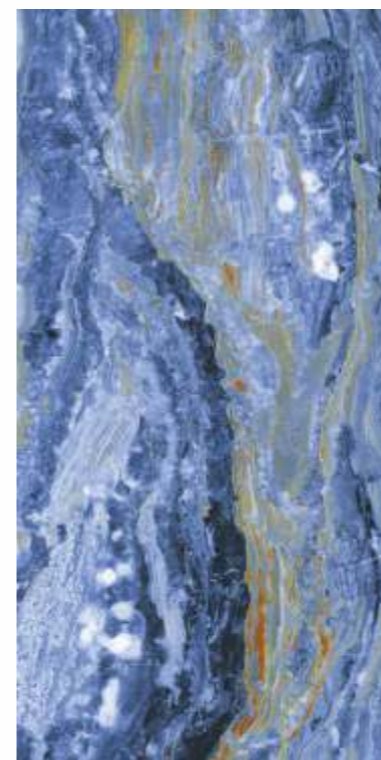
HIGH GLOSSY

CT60120 104
Random 4 Faces



HIGH GLOSSY

CT60120 105
Random 4 Faces



HIGH GLOSSY

CT60120 106
Random 4 Faces






HIGH GLOSSY

**600x
1200mm**

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product Features

-  Easy to Install
-  Easy to Clean
-  Impact Resistant
-  Resistant to Staining
-  Ecology & Sustainable
-  Acid Resistant
-  Frost Resistant
-  Anti-Slip



CT60120 107
Random 4 Faces



HIGH GLOSSY

CT60120 108
Random 4 Faces



HIGH GLOSSY

CT60120 109
Random 4 Faces



HIGH GLOSSY

CT60120 110
Random 4 Faces



HIGH GLOSSY

CT60120 111
Random 4 Faces




HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

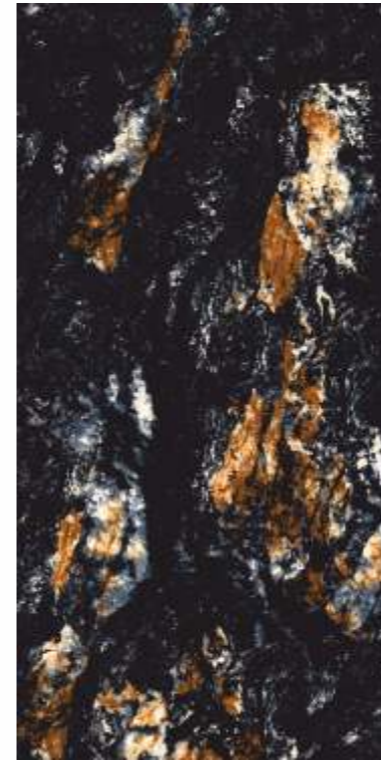
Product
Features

-  Easy to Install
-  Easy to Clean
-  Impact Resistant
-  Resistant to Staining
-  Ecology & Sustainable
-  Acid Resistant
-  Frost Resistant
-  Anti-Slip



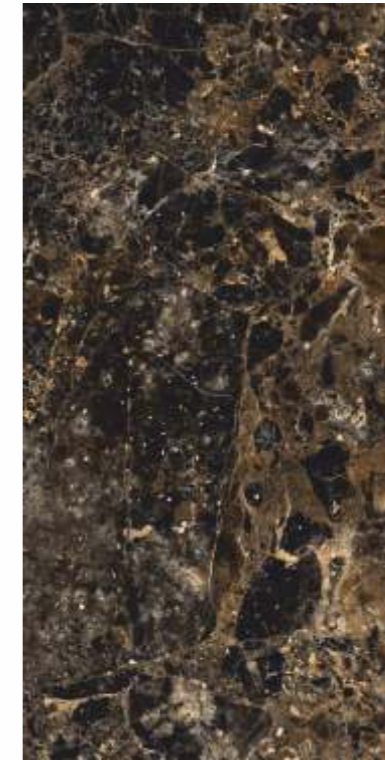
CT60120 112

CT60120 112
Random 4 Faces



HIGH GLOSSY

CT60120 113
Random 4 Faces



HIGH GLOSSY

CT60120 200
Random 4 Faces



MATT

CT60120 201
Random 2 Faces



MATT

CT60120 202
Random 2 Faces








MATT

**600x
1200mm**

Polished Glazed
Vitrified Tiles

HIGH GLOSSY AND
MATT FINISH

**Product
Features**

-  Easy to Install
-  Easy to Clean
-  Impact Resistant
-  Resistant to Staining
-  Ecology & Sustainable
-  Acid Resistant
-  Frost Resistant
-  Anti-Slip



CT60120 203
Random 2 Faces



MATT

CT60120 204
Random 2 Faces



MATT

CT60120 205
Random 2 Faces



MATT

CT60120 285
Random 4 Faces



HIGH GLOSSY

CT60120 286
Random 4 Faces






HIGH GLOSSY

**600x
1200mm**

Polished Glazed
Vitrified Tiles

HIGH GLOSSY AND
MATT FINISH

**Product
Features**

-  Easy to Install
-  Easy to Clean
-  Impact Resistant
-  Resistant to Staining
-  Ecology & Sustainable
-  Acid Resistant
-  Frost Resistant
-  Anti-Slip



CT60120 287
Random 4 Faces



HIGH GLOSSY

CT60120 288
Random 4 Faces



HIGH GLOSSY

CT60120 289
Random 4 Faces



HIGH GLOSSY

CT60120 290
Random 4 Faces



HIGH GLOSSY

CT60120 291
Random 4 Faces



HIGH GLOSSY

**600x
1200mm**

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

**Product
Features**

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip



CT60120 292
Random 4 Faces



HIGH GLOSSY

CT60120 293
Random 4 Faces



HIGH GLOSSY

CT60120 294
Random 4 Faces



HIGH GLOSSY

CT60120 295
Random 4 Faces



HIGH GLOSSY

CT60120 296
Random 4 Faces






HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

-  Easy to Install
-  Easy to Clean
-  Impact Resistant
-  Resistant to Staining
-  Ecology & Sustainable
-  Acid Resistant
-  Frost Resistant
-  Anti-Slip



CT60120 297
Random 2 Faces



HIGH GLOSSY

CT60120 298
Random 2 Faces



HIGH GLOSSY

CT60120 299
Random 2 Faces



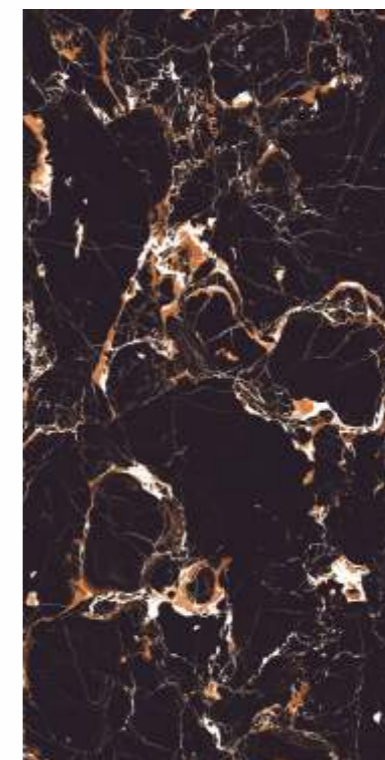
HIGH GLOSSY

CT60120 300
Random 4 Faces



HIGH GLOSSY

CT60120 309
Random 4 Faces






HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

-  Easy to Install
-  Easy to Clean
-  Impact Resistant
-  Resistant to Staining
-  Ecology & Sustainable
-  Acid Resistant
-  Frost Resistant
-  Anti-Slip

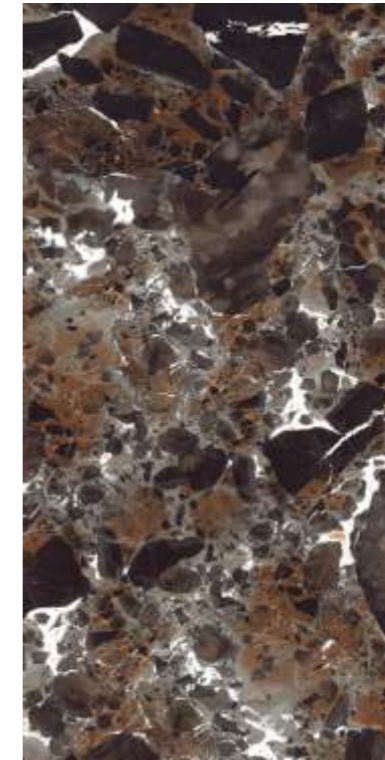


CT60120 310
Random 4 Faces



HIGH GLOSSY

CT60120 311
Random 4 Faces



HIGH GLOSSY

CT60120 312
Random 4 Faces



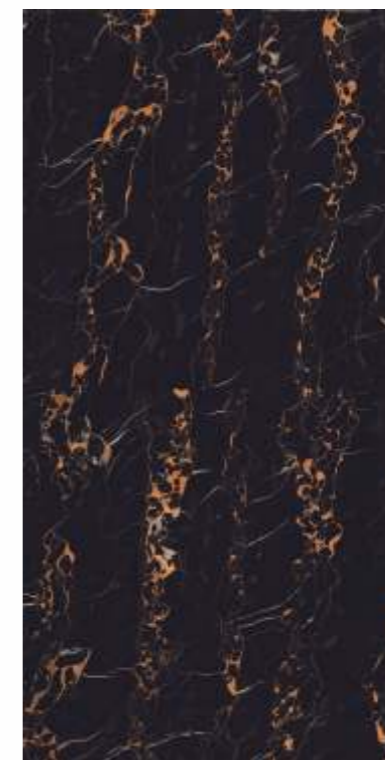
HIGH GLOSSY

CT60120 313
Random 4 Faces



HIGH GLOSSY

CT60120 314
Random 4 Faces



HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip



CT60120 315
Random 4 Faces



HIGH GLOSSY

CT60120 316
Random 4 Faces



HIGH GLOSSY

CT60120 317
Random 4 Faces



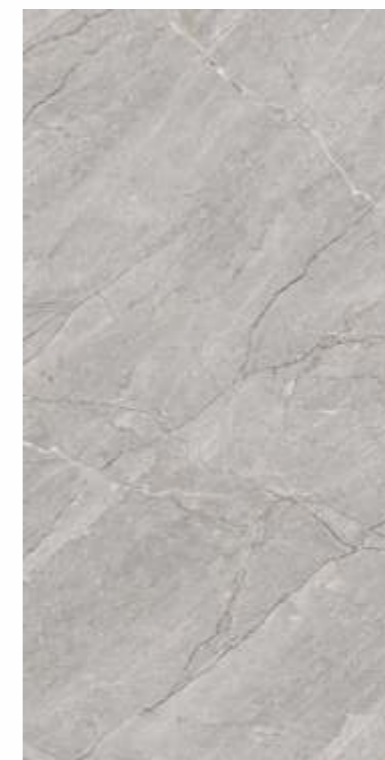
HIGH GLOSSY

CT60120 318
Random 4 Faces



HIGH GLOSSY

CT60120 392
Random 4 Faces



CARVING

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY AND
CARVING FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip

CT60120 393
Random 2 Faces



CARVING

CT60120 394
Random 4 Faces



CARVING

CT60120 395
Random 4 Faces



CARVING

CT60120 398
Random 4 Faces



CARVING

CT60120 399
Random 4 Faces



CARVING

CT60120 400
Random 2 Faces



CARVING

CT60120 396
Random 4 Faces



CARVING

CT60120 397
Random 4 Faces



CARVING

600x
1200mm

Polished Glazed
Vitrified Tiles

CARVING FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip

CT60120 401
Random 2 Faces



MATT

CT60120 402
Random 2 Faces



MATT

600x
1200mm

Polished Glazed
Vitrified Tiles

CARVING AND
MATT FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip



CT60120 403
Random 2 Faces



MATT

CT60120 404
Random 2 Faces



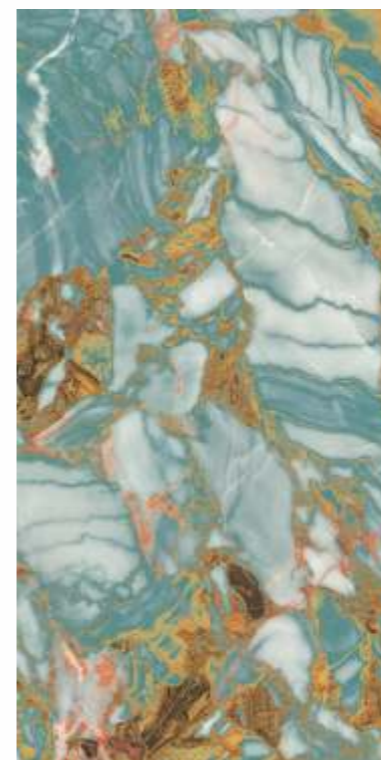
MATT

CT60120 405
Random 2 Faces



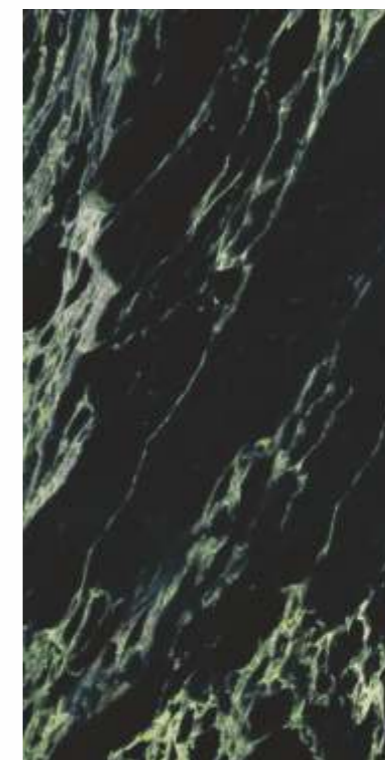
MATT

CT60120 472
Random 4 Faces



HIGH GLOSSY

CT60120 473
Random 4 Faces



HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY AND
MATT FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip

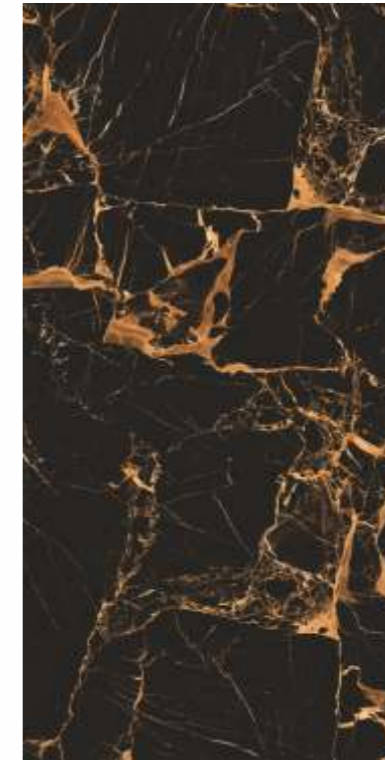


CT60120 474
Random 4 Faces



HIGH GLOSSY

CT60120 475
Random 4 Faces



HIGH GLOSSY

CT60120 476
Random 4 Faces



HIGH GLOSSY

CT60120 477
Random 2 Faces



HIGH GLOSSY

CT60120 478
Random 2 Faces



HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip





BOUTIQUE
LUXURYHOTEL





DIVE INTO TRANQUILITY,
WITH BLUE COLOUR CAPTURING YOUR ATTENTION!

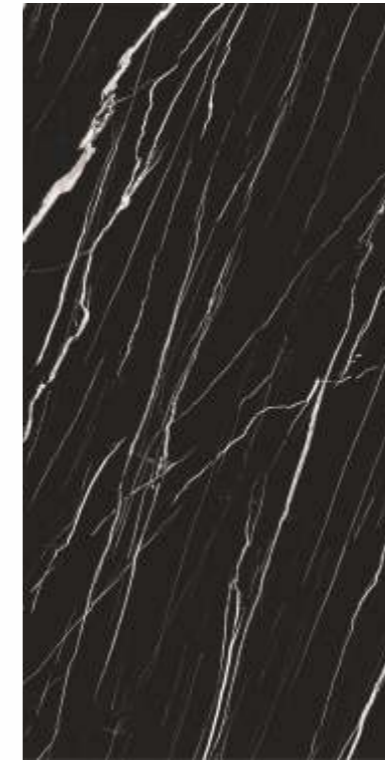


CT60120 479
Random 4 Faces



HIGH GLOSSY

CT60120 480
Random 2 Faces



HIGH GLOSSY

CT60120 481
Random 2 Faces



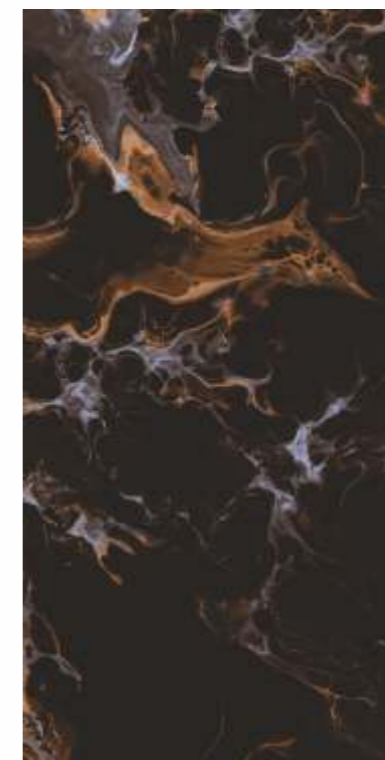
HIGH GLOSSY

CT60120 482
Random 4 Faces



HIGH GLOSSY

CT60120 483
Random 2 Faces



HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip





WE MAKE YOUR HOUSE

"A CENTRE OF ATTRACTION"





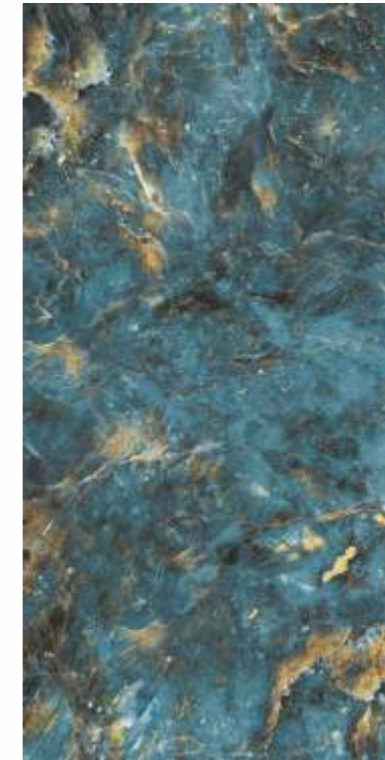


CT60120 484
Random 4 Faces



HIGH GLOSSY

CT60120 485
Random 4 Faces



HIGH GLOSSY

CT60120 486
Random 4 Faces



HIGH GLOSSY

CT60120 487
Random 4 Faces



HIGH GLOSSY

CT60120 488
Random 4 Faces



HIGH GLOSSY

**600x
1200mm**

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

**Product
Features**

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip



CT60120 489
Random 4 Faces



HIGH GLOSSY

CT60120 490
Random 4 Faces



HIGH GLOSSY

CT60120 491
Random 4 Faces



HIGH GLOSSY

CT60120 494
Random 2 Faces



HIGH GLOSSY

CT60120 495
Random 4 Faces



HIGH GLOSSY

CT60120 515
Random 4 Faces



HIGH GLOSSY

CT60120 492
Random 4 Faces



HIGH GLOSSY

CT60120 493
Random 2 Faces



HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

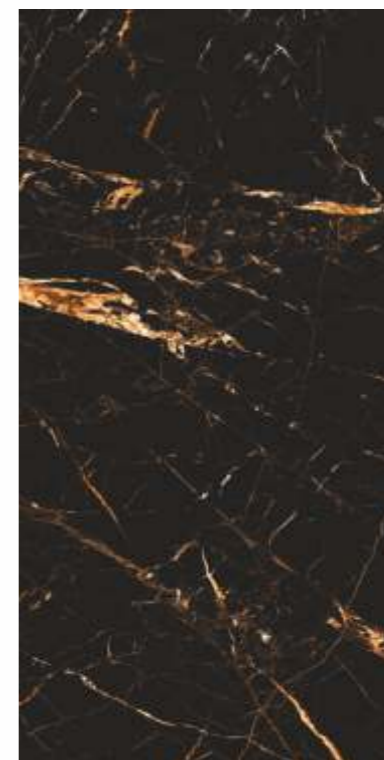
- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip

CT60120 516
Random 4 Faces



HIGH GLOSSY

CT60120 517
Random 4 Faces



HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip

CT60120 518
Random 4 Faces



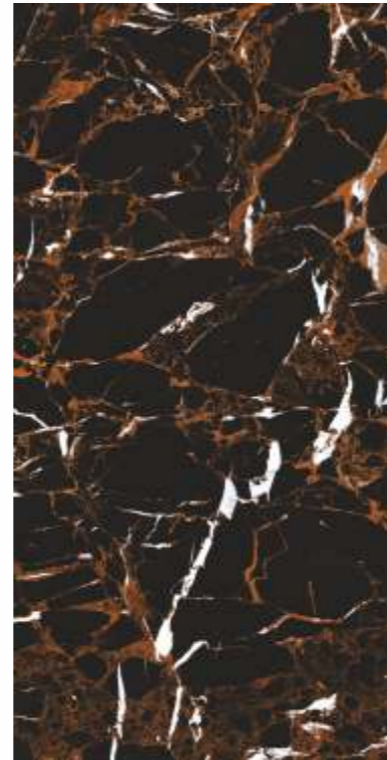
HIGH GLOSSY

CT60120 519
Random 2 Faces



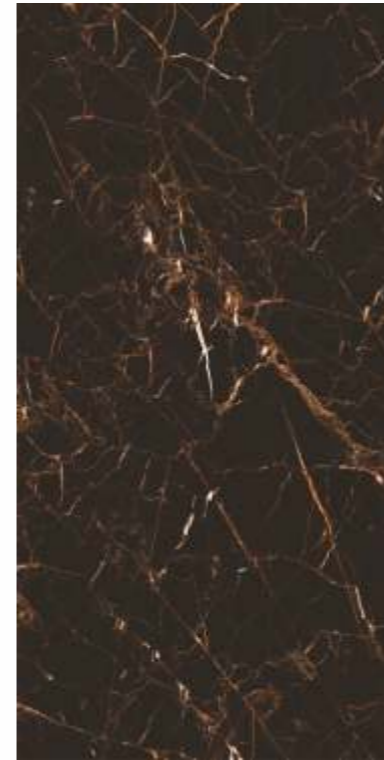
HIGH GLOSSY

CT60120 520
Random 4 Faces



HIGH GLOSSY

CT60120 523
Random 4 Faces



HIGH GLOSSY

CT60120 524
Random 4 Faces



HIGH GLOSSY

CT60120 525
Random 2 Faces



HIGH GLOSSY

CT60120 521
Random 4 Faces



HIGH GLOSSY

CT60120 522
Random 4 Faces



HIGH GLOSSY

600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip

CT60120 526
Random 4 Faces



HIGH GLOSSY

CT60120 527
Random 4 Faces



HIGH GLOSSY

600x
1200mm

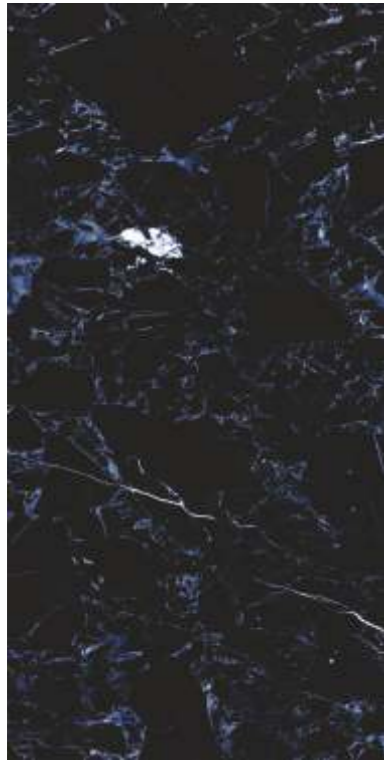
Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip

CT60120 528
Random 4 Faces



HIGH GLOSSY

CT60120 529
Random 2 Faces



HIGH GLOSSY

CT60120 530
Random 4 Faces



HIGH GLOSSY

CT60120 533
Random 4 Faces



HIGH GLOSSY

CT60120 534
Random 4 Faces



HIGH GLOSSY

CT60120 535
Random 4 Faces



HIGH GLOSSY

CT60120 531
Random 4 Faces



HIGH GLOSSY

CT60120 532
Random 4 Faces



HIGH GLOSSY

600x
1200mm

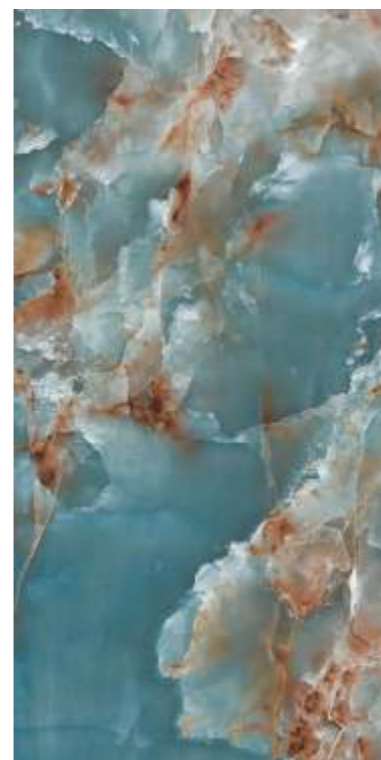
Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip

CT60120 536
Random 4 Faces



HIGH GLOSSY

CT60120 537
Random 4 Faces



HIGH GLOSSY

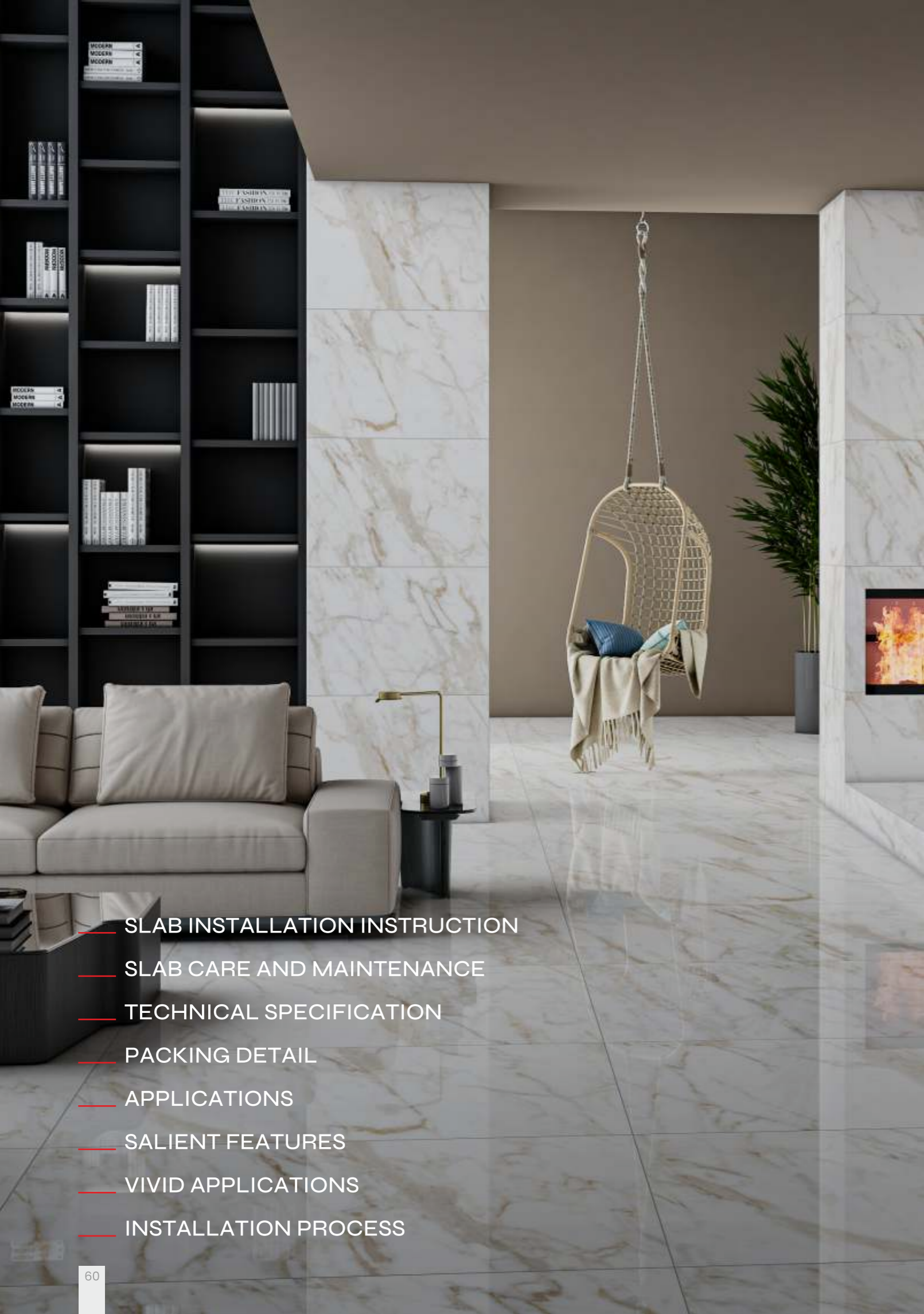
600x
1200mm

Polished Glazed
Vitrified Tiles

HIGH GLOSSY FINISH

Product
Features

- Easy to Install
- Easy to Clean
- Impact Resistant
- Resistant to Staining
- Ecology & Sustainable
- Acid Resistant
- Frost Resistant
- Anti-Slip



- SLAB INSTALLATION INSTRUCTION
- SLAB CARE AND MAINTENANCE
- TECHNICAL SPECIFICATION
- PACKING DETAIL
- APPLICATIONS
- SALIENT FEATURES
- VIVID APPLICATIONS
- INSTALLATION PROCESS

RESISTANT TO STAINING



RESISTENTE A LAS MANCHAS/
RESISTENTE AUX TECHES

IMPACT RESISTANT



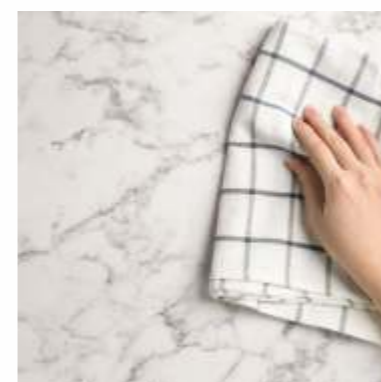
RESISTENTE AL IMPACTO/
RESISTENTE AUX CHOCS

ACID RESISTANT



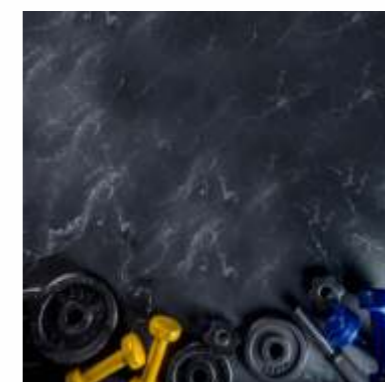
RESISTENTE AL IMPACTO/
RESISTENTE AUX CHOCS

EASY CLEAN



RESISTENTE A LAS MANCHAS/
RESISTENTE AUX TECHES

HIGH MOR



ALTA MOR / MOR ELEVE

THERMAL SHOCK RESISTANT



RESISTENTE AL CHOQUE TERMICO/
RESISTANT AUX CHOCS THERMIQUES

FROST RESISTANT



RESISTENTE A LAS HELADAS/
RESISTENTE AU GEL

SLAB INSTALLATION INSTRUCTION

Follow the instruction for better and smooth execution of Keramica eSlab Product



01

■ SURFACE PREPARATION

Apply cement mortar bedding on the surface and spread the entire mortar evenly.
For flattened surface approximately 9mm thick cement mortar bedding is preferred.

02

■ DRYING PROCESS

The drying time of cement mortar bedding is approximately 48 hours, as it will exceed the contraction and expansion of feature of cement.



03

■ SLAB LAYING PROCESS

Apply approximately 10mm thick tile fixing adhesive on the prepared cement bed, spread the same by using metal comb (12mm) to the entire surface (Refer the image). This feature will allow to be fixed without any air pocket after installation. The Same Method has to

followed for applying the tile fixing adhesive on the back of the slab for 10mm, while holding the slab on its length side. Then, the adhesive has to be combed in the same way as done on the floor.



04

■ SLAB HANDLING

Slab can be properly handled and lifted by Vacuum cups. Vacuum cups are usually used to lift glasses, it can be fixed on the surface of polished tile, to lift it to the exact area of the fixing. (May not very effective for satin and matt surfaces.) Once the slab is laid, the same has to be

hammered by soft wooden base hammer to ensure proper laying and fixing.



05

■ SLAB CUTTING AND HANDLING

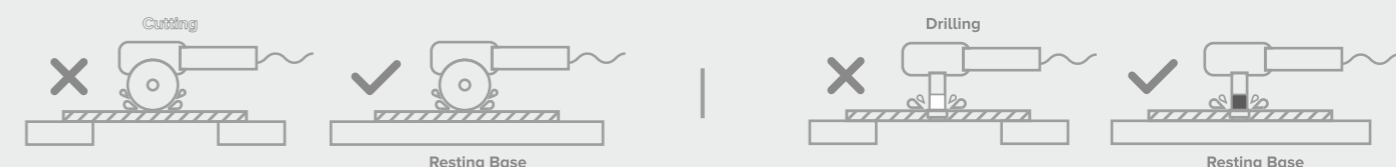
Use diamond tools which are generally use to cut glasses, for cutting any surface of eSlab. First, a line has to be drawn on the surface pressing the tool considerably to ensure a deep cut mark line and this can be used till the slab is cut deep to the level of 1 to 2mm and then can be

cut with a proper cutting tool for cutting the 9mm thick body of the slab. Cutting systems are also available with companies manufacturing such systems.



06

■ SLAB CUTTING AND DRILLING METHODS



SLAB CARE AND MAINTENANCE

These are the so-called final cleaning operations: this is the most important step, as it influences the results of the subsequent use of the product. Its purpose is to remove any trace or residue of foreign matter from the surface of the slabs. If you have used a cement-based sealant during installation, once the grout has dried, Keramica recommends carrying out the following operations:

- Remove any coarse dirt using a vacuum cleaner;
- Wet the floor with clean water in order to soak and protect the joints against the corrosive action of the detergent;
- Clean using a suitable acid detergent, which can be applied by hand (with a clean cloth) or with a machine (a single-brush machine with medium, non-abrasive bristles or a high-pressure water cleaner);
- Soak up the cleaning solution with a clean cloth or a suitable vacuum cleaner;
- Thoroughly rinse surfaces with clean, warm water to neutralise the action of the detergent;
- Remove any build-up by scraping it off;
- If needed, clean the surface again with the single-brush machine, using a diluted neutral or alkaline detergent, then rinse using clean warm water and dry.
- If an epoxy sealant has been used during installation of the product, given the chemical nature of such product, any remaining residue on the porcelain tile's surface should be removed before the grout has hardened completely and carefully follow the instructions supplied by the manufacturer.



TECHNICAL SPECIFICATION

CHARACTERISTICS	STANDARD AS PER ISO-13006/En14411 GROUP	VALUES	TEST METHOD
REGULATORY PROPERTIES			
Deviation in Lenth & Width	0.50%	0.20%	ISO - 10545-2
Deviation in Thickness	0.50%	0.50%	ISO - 10545-2
Straightness of Sides	0.50%	0.20%	ISO - 10545-2
Rectangularity	0.50%	0.20%	ISO - 10545-2
Surface Flatness	0.50%	0.20%	ISO - 10545-2
Color Difference	Unaltered	No Change	ISO - 10545-16
Glossiness	As per Mfg.	>90%	Glossmeter
STRUCTURAL PROPERTIES			
Water Absorption	<0.05%	<0.05%	ISO - 10545-3
Apparent Density	>2.00 g/cc	>2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
Modulus of Repture	Min 35N/MM2	Min 40N/MM2	ISO - 10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	ISO - 10545-4
Impact Resistance	As per Mfg.	Min. 0.55	ISO - 10545-5
SURFACE MECHANICAL PROPERTIES			
Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO - 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	EN 101
THERMO HYGROMETRIC PROPERTIES			
Frost Resistance	No Damage	No Damage	ISO - 10545-12
Thermal Shock Resistance	No Damage	No Damage	ISO - 10545-09
Moisture Expansion	Nil	Nil	ISO - 10545-10
Thermal Expansion	Max 9.0x10 ⁻⁶	Max 6.5x10 ⁻⁶	ISO - 10545-08
Crazing Resistance	As per Mfg.	Min 10 Cycle	ISO - 10545-11
CHEMICAL PROPERTIES			
Chemical Resistance	No Damage	No Damage	ISO - 10545-13
Stain Resistance	Resistant	Resistant	ISO - 10545-14
SAFETY PROPERTIES			
Slip Resistance	As per Mfg.	>0.40	ISO - 10545-17
Fire Resistance	As per Mfg.	Fire Proof	N.A.

PACKING DETAIL

SIZE (in mm)	THICKNESS APPROX	PIECES / PER BOX	COVERAGE AREA IN SQ. FT	BOX WEIGHT (APPROX.)
600X1200MM	9MM	2	15.5	28 KGS.

NOTE: Colour Shown are as accurate as the limitations of the printing process will allow. Prospective Customer are advised to inspect a sample of tiles before ordering, every effort has been made to ensure the accuracy of the information given. However, the Company research the right to change the specifications Without prior notice. Sometimes variations in shade or size being inherent to ceramic industry may occur. Before fixing, we advice you to follow the fixing Instruction on the cartons of the tiles as no responsibility can be accepted by the once the tiles have been fixed.

APPLICATION

- **Construction Industry:**
Floor and wall coverings, partition and storage walls, false ceilings, surface finishes and restoration, insulated panels, tunnels and undergrounds.
- **Facade cladding systems:**
Ventilated facades, coatings, external claddings.
Interior design: Surfaces of kitchen and bathroom tops, cupboards, tables, desks, doors and furnishings in general.
- **Composite and structural panels:** The slabs can be placed on top of each other or over other materials to create extremely light and particularly resistant composite and structural panels suitable in all those cases that require high resistance and reduced weight load on the surface.
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SALIENT FEATURES

- | | | |
|---|--|--------------------------------------|
| QUALITY RAW MATERIALS | NO ALTERATION IN COLOUR | NON-ABSORBENT |
| VERSATILE FOR ANY PROJECT | RESISTANT TO HEAVY LOADS | RESISTANT TO LIQUIDS AND ACIDS |
| RESISTANT TO THERMAL SHOCK | RESISTANT TO FROST | RESISTANT TO SCRATCHES AND ABRASIONS |
| NON-TOXIC SLABS THAT DO NOT RELEASE MICRO-PARTICLES | SURFACE SUITABLE FOR CONTACT WITH FOODSTUFFS | EASY TO CLEAN |
| HYGIENIC SURFACE | | |

VIVID APPLICATIONS



INSTALLATION PROCESS

LAYING (FLOORS)

In addition to the technical and aesthetic qualities of the material, in order to be a complete success floor also requires elements such as a foundation, an adhesive layer and expansion joints, which together comprise a real flooring system. A perfect end result is only guaranteed if the laying operations are performed correctly.

The floor should preferably be laid using adhesives, following the instructions provided by the adhesive manufacturers. For tiles measuring over 60x60 cm for floors subject to intensive use, a double layer system is advisable. For decorative tiles with precious material inserts, it is advisable to consult the instructions on the packaging. To make the most of the material characteristics, we recommend following these instructions during the laying process:

- Lay out a few pieces on the floor to check the overall effect. Lay material from several different boxes at once.
- Do not immerse the material in water before laying. If using the traditional laying system, tap the material until all the cavities and air bubbles have completely disappeared from the mortar and until liquid cement comes up through the spaces between the tiles. In the case of polished surfaces in particular, do not use pencils or pens to mark out cuts on the top of the tiles to be laid.

Wait 48-72 hours before subjecting the floor to everyday use.

INSTALLATION (WALL TILING)

Before starting the installation, it is recommended to check that the substrate is sufficiently cured, flat, mechanically resistant, without crumbling parts and grease, oils, paints and waxes (perfectly clean).

Choose the most suitable adhesive considering the following factors:

- type of substrate;
- type and size of the tiles;
- weather conditions at the installation;
- time available for the ceramic tiling to be ready for use. It is recommended to follow the instruction of the best manufacturers of adhesives for the installation of ceramic tiles.
- Prepare the necessary material.
- Prepare the adhesive following the instructions of the manufacturer.
- Apply the adhesive on the substrate using a suitably toothed squeegee.

It is important to use a proper grout even according to the end use of the ceramic tiling, following the instructions of the best manufacturers of joint sealants. For a correct and easy removal of the grout follow the indications of its manufacturer (previously checking its suitability).

WARNING: it is advisable to check the availability of the entire quantity of material required on site at the installation to allow the installer to mix the modules from several boxes for getting a pleasant effect. The check of the shades must be made before starting the installation.

GROUTING AND FINAL CLEANING

When using normal drying adhesives, grout the floor after 24-48 hours; when using rapid drying adhesives, grout after 4 hours. When working with polished materials in particular, use cement grouts of a matching tone, avoiding dark coloured grouts with pale materials, and vice versa. When grouting these surfaces, it is advisable not to use flexible mortars made from synthetic materials, especially if the colour contrasts that of the material, and not to use grout additives/latex. In fact, these products make it extremely difficult to remove any residue using normal cleaning products. If using grouts with contrasting or special pigments, take care to follow the information provided in the specifications and test the grout on the material beforehand. Use a rubber-coated spatula to apply the grout over the entire surface of the material. Grout small areas at a time, removing excess quantities with damp sponges or cloths (using clean water only) or specific equipment for removing excess grout, while the layer of grout is still damp. Adequate initial cleaning is fundamental to get the best shine and to ensure cleanability and easy everyday maintenance. Initial cleaning should therefore be performed immediately after laying, using acid-based products, scrubbing hard and rinsing with plenty of water. This will make it possible to remove any grout, adhesive and cement residue, etc. You may use any detergent available on the market, with the sole exception of products containing hydrofluoric acid (compounds and derivatives) as provided for by standard EN 14411. We recommend protecting the laid flooring carefully. When carrying out other operations such as painting, plumbing or any other work, we recommend covering the floor with PVC sheets, airballs or fabrics once it has been laid.

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.

CARE AND MAINTENANCE These are so-called final cleaning operations; this is the most important step, as it influences the results of the subsequent use of the product. Its purpose is to remove any trace or residue of foreign matter from the surface of the slabs. If you have used a cement based sealant during installation, once the grout has dried, Keramica recommends out the following operations;

- Remove any coarse dirt using a vacuum cleaner;
- Wet the floor with clean water in order to soak and protect the joints against the corrosive action of the detergent;
- Clean using suitable acid detergent, which can be applied by hand (with a clean cloth) or with a machine (a single-brush machine with medium, non-abrasive bristles or a high-pressure water cleaner);
- Soak up the cleaning solution with a clean cloth or a suitable vacuum cleaner;
- Thoroughly rinse surfaces with clean, warm water to neutralise the action of the detergent;
- Remove any build-up by scraping it off;
- If needed, clean the surface again with the single-brush machine, using a diluted neutral or alkaline detergent, then rinse using clean warm water and dry.
- If any epoxy sealant has been used during installation of the product, given the chemical nature of such product, any remaining residue on the porcelain tile's surface should be removed before the grout has hardened completely and carefully follow the instructions supplied by the manufacturer.

