



LiveStone  
CERAMIC



ELEVATE WITH  
EXCELLENCE





**LiveStone**  
CERAMIC

## ELEGANCE AND DURABILITY REDEFINED

Our Double Charge Tiles collection is a testament to the perfect union of elegance and durability. These tiles are crafted using an innovative double layering process that not only enhances their aesthetic appeal but also fortifies their strength. The result is a product that stands up to the rigors of daily life while exuding timeless beauty. Whether you're designing a contemporary space or a classic interior, our Double Charge Tiles provide the ideal foundation for your creative vision. Discover the blend of style and resilience that only our Double Charge Tiles can offer, and elevate your living spaces to new heights of sophistication and longevity.





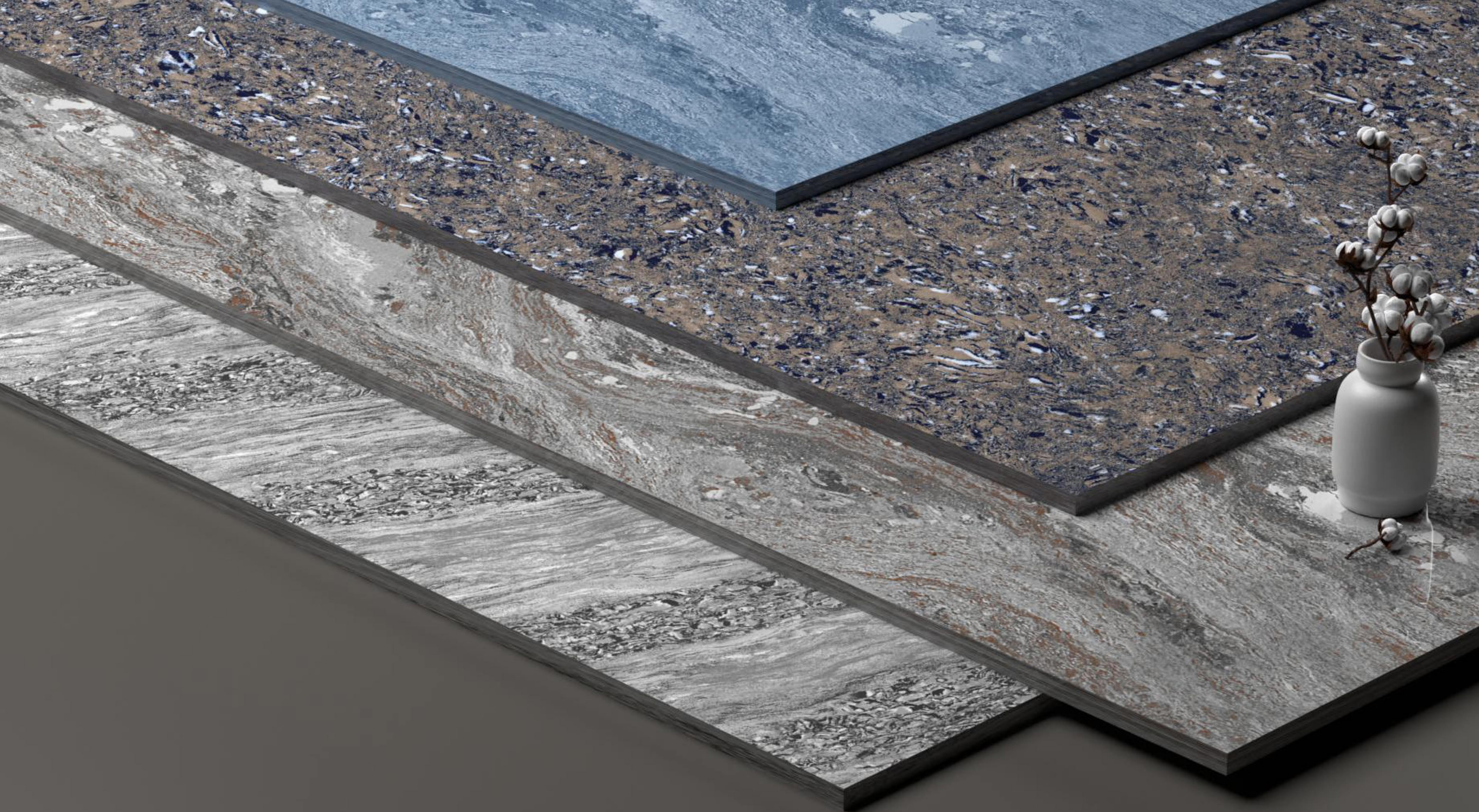


# ESSENTIAL FOUNDATIONS

Step behind the scenes and explore the heart of our craftsmanship. Our tiles begin with meticulously selected raw materials, sourced for their quality and integrity. From fine clays to mineral additives, each element contributes to the excellence that defines our tile creations. Dive into the story of our raw materials and witness the journey from the earth to your space, where every tile is a testament to the natural beauty and precision that starts at the very beginning.







BRACE  
YOURSELF FOR AN  
EXTRAORDINARY  
EXPERIENCE



THE RIGHT  
CHOICE FOR  
PUBLIC AND  
PRIVATE SPACES

AMARON

AMAZONE

DRAGO

ETHEN

JASPER

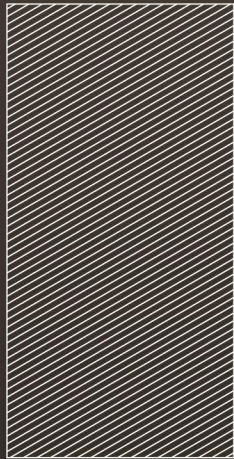
PRIDE

QUARTZ



# AMARON CHOCO

DC  
SERIES



SURFACE  
GLOSSY

FORMATOS  
600X1200MM  
60X120CM  
24"X48"  
2'X4'



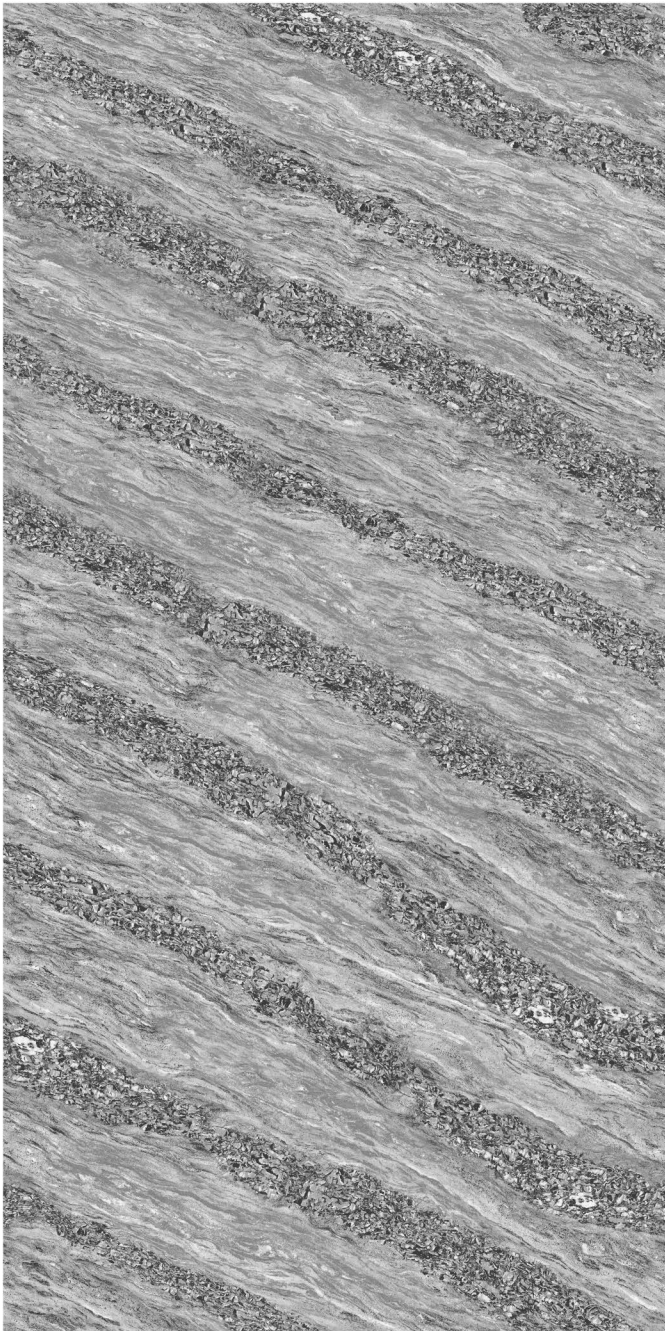






AVAILABLE COLORS

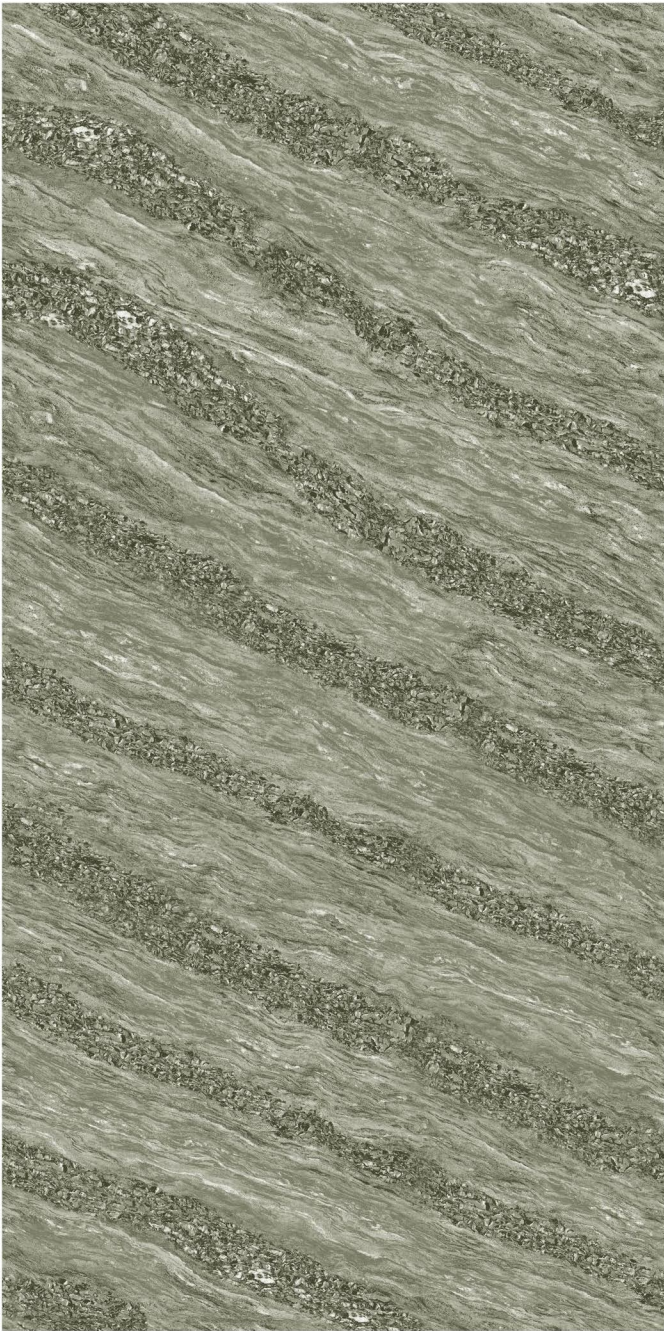
GREY



BROWN



GREEN



BEIGE



TECHNICAL CHARACTERISTICS :





AVAILABLE COLORS

WHITE



TECHNICAL CHARACTERISTICS :





AMAZONE BROWN

DC  
SERIES



SURFACE  
GLOSSY

FORMATOS  
600X1200MM  
60X120CM  
24"X48"  
2'X4'







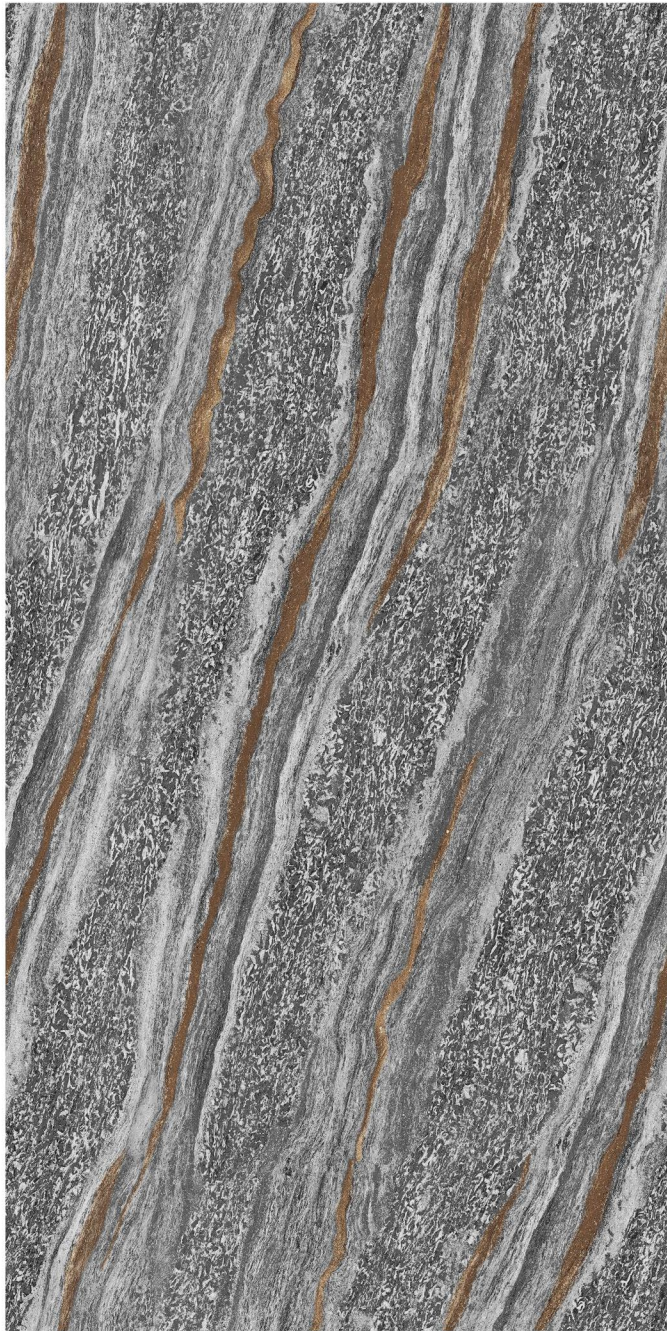


AVAILABLE COLORS

BEIGE



GREY



WHITE

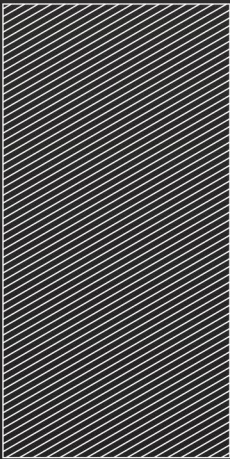


TECHNICAL CHARACTERISTICS :





DRAGO GREY



SURFACE  
GLOSSY

FORMATOS  
600X1200MM  
60X120CM  
24"X48"  
2'X4'







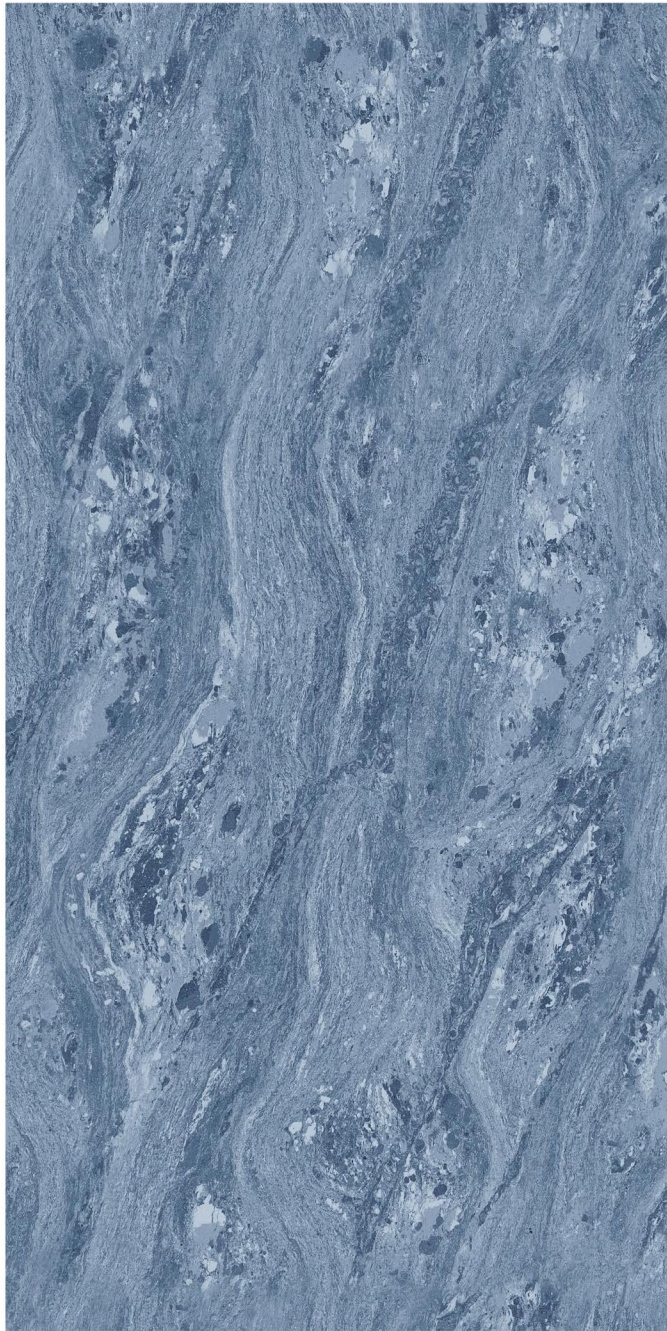


AVAILABLE COLORS

BEIGE



BLUE



BROWN



WHITE

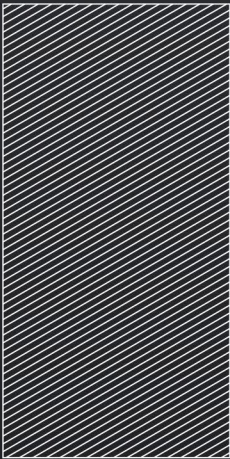


TECHNICAL CHARACTERISTICS :





ETHEN NERO



SURFACE  
GLOSSY

FORMATOS  
600X1200MM  
60X120CM  
24"X48"  
2'X4'







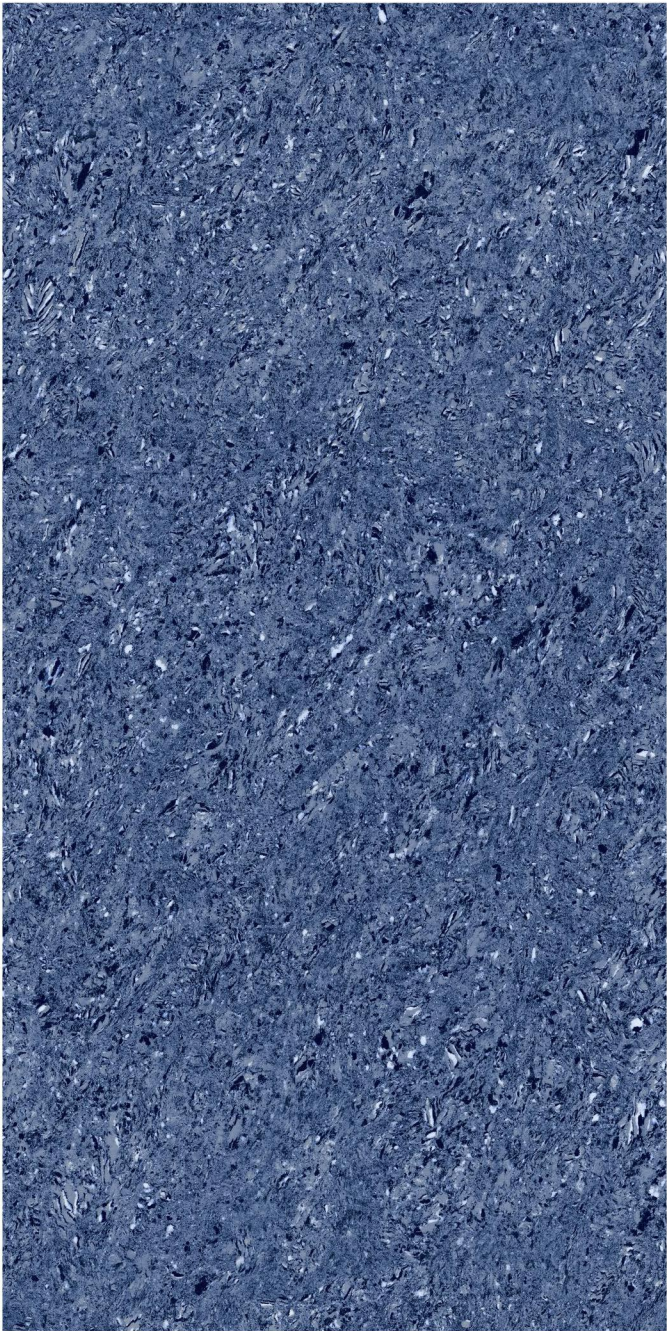












AVAILABLE COLORS

BROWN



BLUE



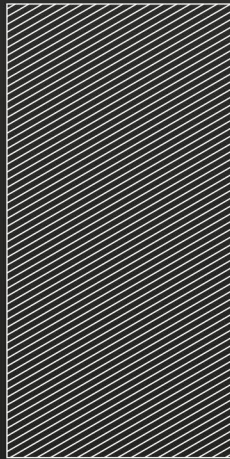
TECHNICAL CHARACTERISTICS :          





# JASPER CHOCO

DC  
SERIES



SURFACE  
GLOSSY

FORMATOS  
600X1200MM  
60X120CM  
24"X48"  
2'X4'



















AVAILABLE COLORS

BROWN

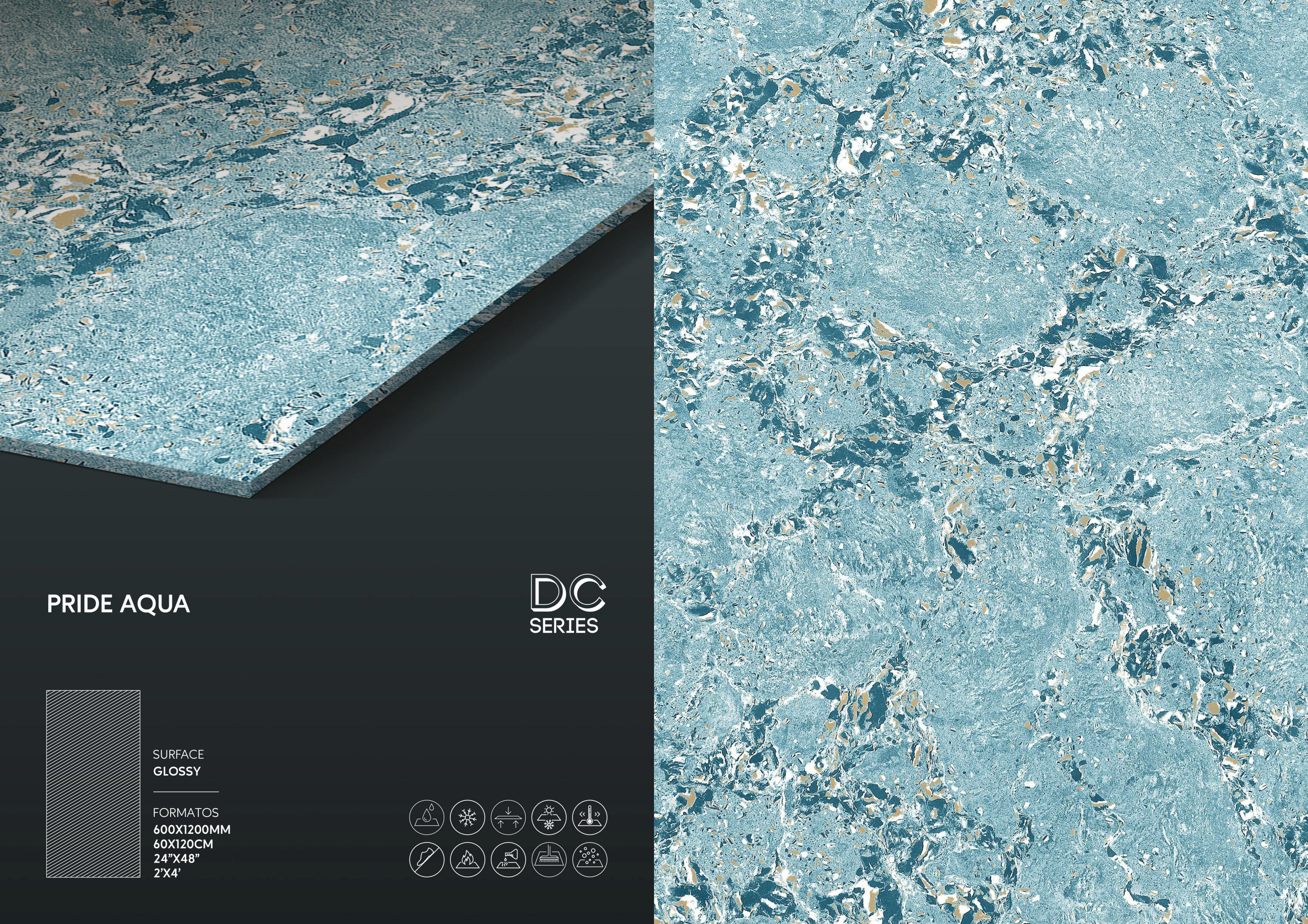


LIGHT



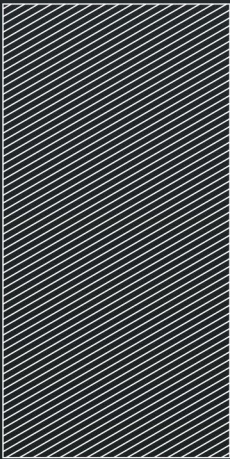
TECHNICAL CHARACTERISTICS :          





PRIDE AQUA

DC  
SERIES



SURFACE  
GLOSSY

FORMATOS  
600X1200MM  
60X120CM  
24"X48"  
2'X4'



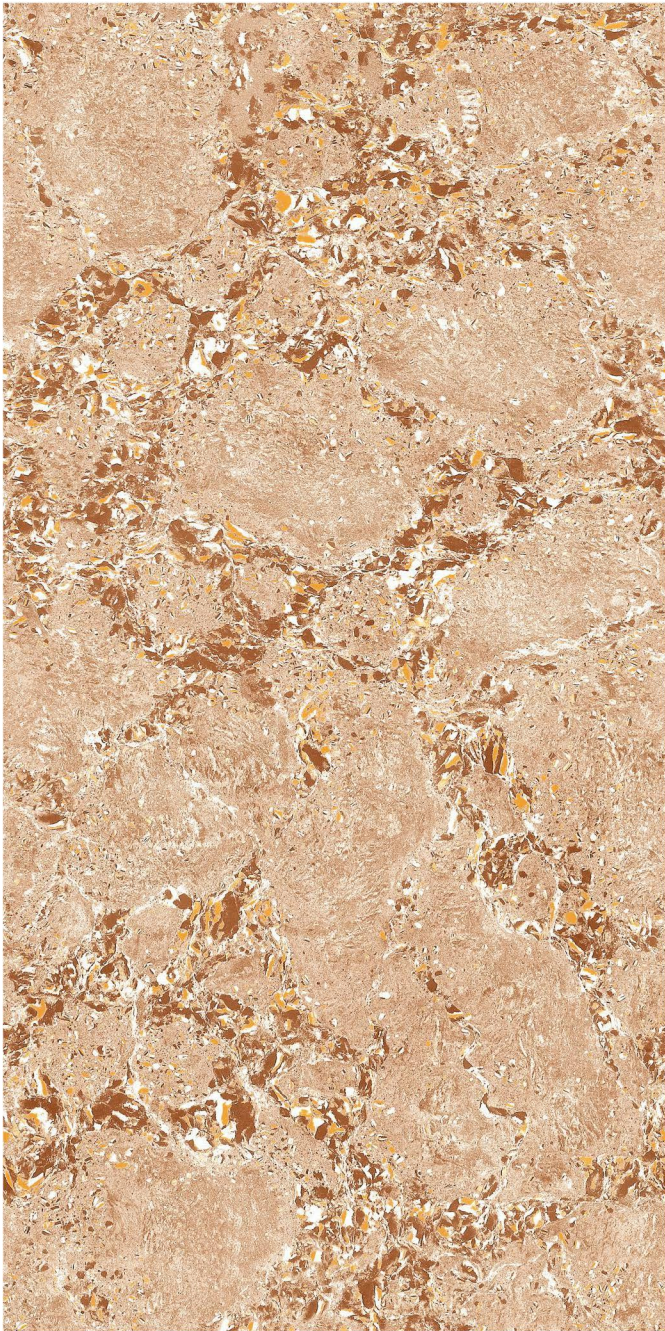




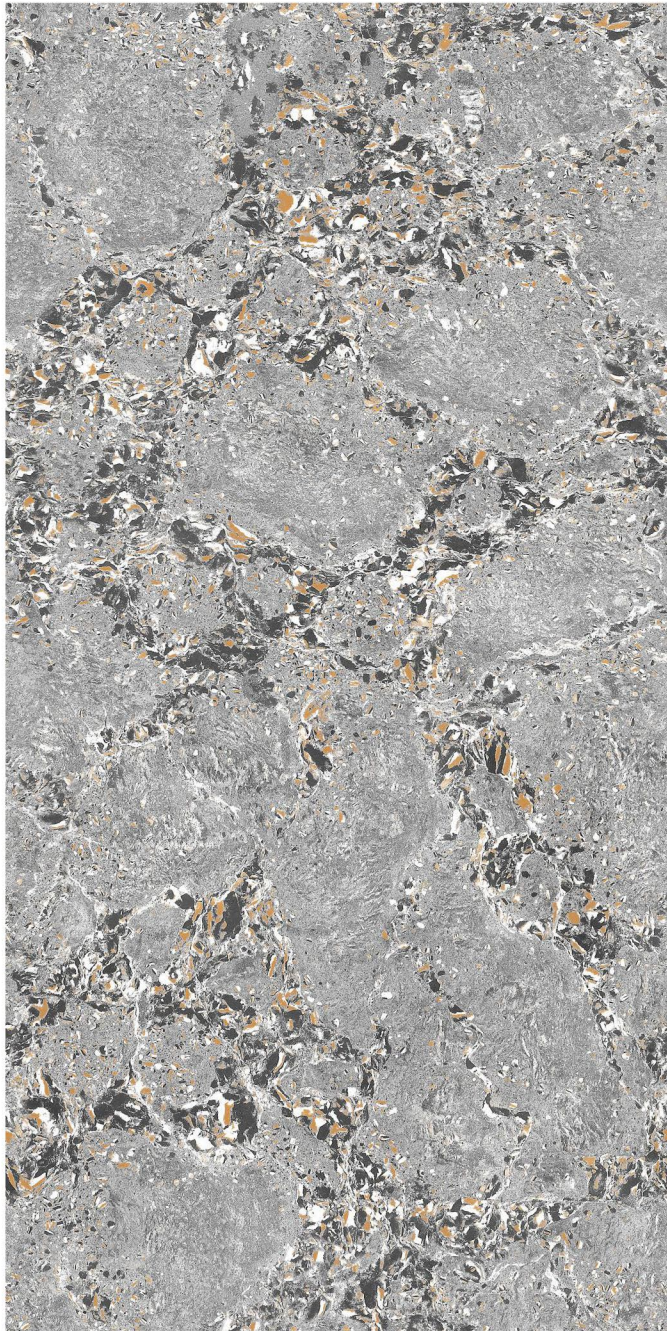


AVAILABLE COLORS

BROWN



GREY



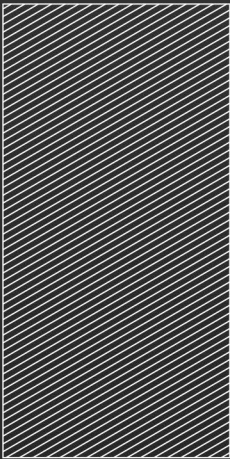
TECHNICAL CHARACTERISTICS :







QUARTZ SILVER



SURFACE  
GLOSSY

FORMATOS  
600X1200MM  
60X120CM  
24"X48"  
2'X4'









AVAILABLE COLORS

GOLD



TECHNICAL CHARACTERISTICS :







REPRESENTATIVE OF  
UNMISTAKABLE  
INDIAN AUTHENTICITY  
AND STYLE

MADE IN INDIA



Made in India isn't just style, design and excellence, it's a way of being. We identify with the values expressed by Indian ceramic tradition ethical code, which guarantee absolute compliance with labor regulations, and with the marks Made in India and which certify the quality of authentic Italian style.



# WE CARE FOR NATURE

## ENERGY OPTIMIZATION



Efficient methane gas cogeneration plant



Heat recovery from furnaces and cooling water



CHP vapour recovery with 40% savings in methane gas



100% LED lighting. 50% annual power savings

## WASTE MANAGEMENT



100% recycled raw and cooked waste



99% waste sent to recovery




100% recycled industrial water and 27% reduction in water consumption over the last 3 years




100% recyclable packaging materials


## ENVIRONMENTAL HEALTH




Continuously operating purification and filtration systems



RTO system to reduce harmful emissions and odours



Automated Vertical Warehouse: 60% reduction in CO<sub>2</sub>



0% lead, cadmium, and other carcinogenic substances in products





# CLEANING & MAINTAINANCE

## 1. CLEANING AFTER INSTALLATION

| FOR REMOVING THE FOLLOWING RESIDUICE | TYPE OF DETERGENT   | DETERGENT NAMES |
|--------------------------------------|---------------------|-----------------|
| cement base grout<br>grout<br>lime   | buffered acid based | keranet         |
|                                      |                     | cement remover  |
|                                      |                     | deterdek pro    |
|                                      |                     | hmk r63         |
|                                      |                     | solvacid        |

## 2. EXTRAORDINARY CLEANING

| FOR REMOVING THE FOLLOWING RESIDUICE                 | TYPE OF DETERGENT                  | DETERGENT NAMES                                       |
|--|------------------------------------|---|
| grease<br>dust footmarks<br>base cleaning            | multipurpose<br>alkaline-based (1) | ps87 pro  |
|  |                                    | intensivreiniger                                      |
|  |                                    | hmk r55   |
| coffee<br>coke<br>fruit juice                        | multipurpose<br>alkaline-based (1) | coloured stain remover                                |
|  |                                    | super deterjet  |
| wine   | oxidizing agent                    | oxidant<br>candeggina                                 |
| calcareous deposits                                  | acid-based (1)                     | viakal  |
| rust   | acid-based (1)                     | acido muriatico diluito                               |
| inks<br>felt-tipped pen                              | solvent-based                      | diluyente nitro, acqua ragia                          |
|  |                                    | coloured stain remover                                |
| pneumatic<br>stains from rubber<br>metals or pencils | abrasive paste (1)                 | vim clorex (2)  |
|  |                                    | polishing cream (2)                                   |
|  |                                    | detergum (3)  |
| tile joint stains                                    | specific                           | fuganet   |
|  |                                    | fugenreiniger   |
| clean on a daily basis                               | neutral<br>universal degreaser     | floor cleaner   |
|  |                                    | cleaner pro   |
|  |                                    | pfleregereiniger                                      |
|  |                                    | bonamain + / bmain +<br><br>smac expresse sgrassatore |

# SPECIAL MAINTENANCE

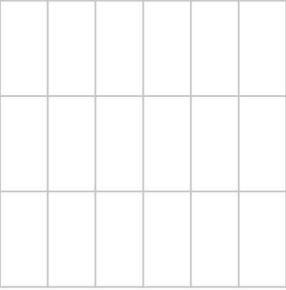
## REMOVING GLOSSY GLAZE

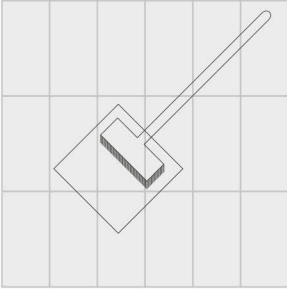
Standard detergents that are available in the market sometimes contain waxes or polish additives that, wash after wash, deposit **glossy glaze** on the floor and causes annoying marks. These types of glazes can also settle on some joint grouts. When simply types of foods such as Coke, wine, water, etc., fall on the floor, they remove this type of glossy glaze and restore the **original appearance** of the tiles (a more opaque look). In the middle of the shinier floor, the areas without wax appear as opaque marks, but they are actually the only clean parts of the floor. In these cases, the following must be done:  
**1.** First of all, remove the glossy glaze from the entire floor (see table below);  
**2.** Then, for daily cleaning, use neutral detergents that do not contain wax or polishing glaze

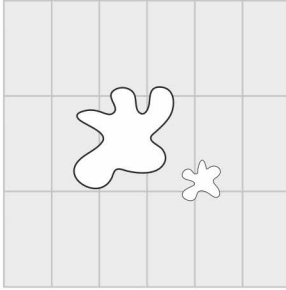
**NEVER USE:** Waxing and impregnating agents - Acid or alkaline detergents - Abrasive pastes - Abrasive brushes or sponges.

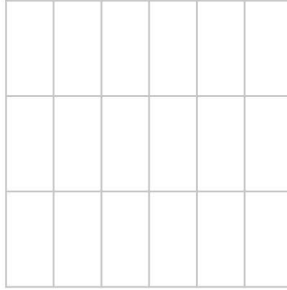
| RESIDUES TO BE REMOVED | TYPE OF DETERGENT | DETERGENT NAMES       |
|------------------------|-------------------|-----------------------|
| glossy glaze           | weak acidulous    | tile cleaner pure (*) |

(\*) Do not follow the instructions on the package, just apply the pure detergent, leave it on for 5-10 minutes, rub it with soft pads (white, yellow) and rinse it thoroughly with water.

1.  
  
Original Floor

2.  
  
After cleaning detergents containing waxes.

2.  
  
Simple foodstuffs (Coca-Cola, wine, water etc) can remove the bright patina. The original surface is more matt.

2.  
  
Remove the patina with detergent (Faber tile cleaner, used neat), and use detergent without waxes for everyday cleaning.

### CLEANING “AFTER THE INSTALLATION”

- Cleaning “after the installation” helps remove residues of grout-joints, cement and lime. This is obligatory at the end of the installation, for glazed tiles and unglazed tiles.
  - If the cleaning “after the installation” is not carried out properly or if is not carried out at all, is often a cause of marks that prevent the floor from being clean even if a good daily cleaning is performed.
  - Whenever is possible, especially for medium to large surfaces, it is advisable to use a single-brush machine with soft disks (white or beige).
  - cleaning cement-based grouts mixed with water.
- It is carried out with specific detergents based with buffered and diluted acids. The table below shows some of these detergents, which are easily available in the market.

### INSTRUCTIONS ON HOW TO CLEAN “AFTER THE INSTALLATION”

- Clean 4-5 days after the grouting (the grout must be hardened); do not wait over 10 days. In addition to this period, the cleaning can become very laborious.
- Moisten the floor with water before cleaning. This way the groutings are soaked with water and the contact with detergents is reduced.
- Let the detergents operate for limited periods, hence rinse out with water as soon as possible.
- It must not be carried out if the tiled surfaces are very hot (i.e. exposed to the sun during very warm days); this must be avoided as the action of aggressive chemicals become very harsh.On the summer, proceed with the operation during the coolest period of the day.
- Make sure to always perform a precautionary test before using the product (on a tile that is not laid), especially for Lapped or Polished products.
- cleaning for epoxy, bi-component and reagent grouts In these cases the removal must be carried out immediately and carefully following the recommendations of the manufacturers, as these grout harden very fastly, even in a few minutes. Please carefully follow the cleaning mode specified by the manufacturer of the grout used; verify its effectiveness (backlight also) with a preliminary cleaning test before grouting the entire floor/wall.
- “Antislip” tiles that are made with rough and/or textured surfaces must be cleaned very laboriously. Therefore, it is advisable to clean “after the installation”, quickly and thoroughly, using a single-brush machine with disks white and beige.





# LAYING INSTRUCTION

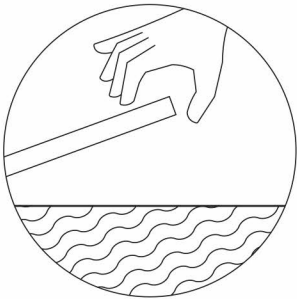
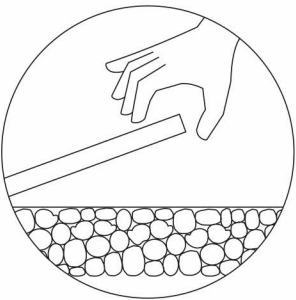


## DRY LAYING ON GRASS

In the case of a grass surface, the paving should be laid dry without the use of adhesives. This installation technique is simple, ecological, and can be carried out without specialised personnel. This technique is ideal for rapid creation of elegant paths in public parks and private gardens.

## LAYING ON GARVEL

The different installation methods make it possible to create complex spaces while ensuring visual uniformity even when working on diverse substrates. In the presence of a gravel substrate, the floor surface can be installed simply by placement of the tiles without the use of adhesives. This method streamlines the levelling procedure and also guarantees excellent stability. The solution allows the creation of decorative effects using gravel and pebbles of different particle sizes and colours.

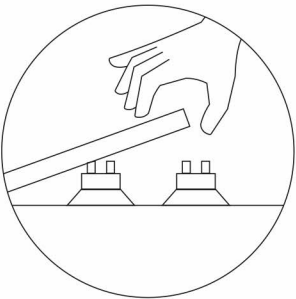


## LAYING ON SCREED WITH ADHESIVE

The technical characteristics of the glazed vitrified tiles are perfectly compatible also with sandy substrates. This makes the system especially suitable for public areas in the proximity of beaches and in beach bars. Resistant to the action of solar UV radiation and prolonged contact with salt. Impervious to wear caused by sand abrasion. In addition, the R11 A+B+C surface is an advantage for the safety of holiday makers. Installed completely dry, the tiles are the ideal practical and robust solution for seasonal businesses requiring periodic setup and removal operations, such as kiosks or temporary structures in general installed on beaches.

## LAYING ON RAISED FLOOR

The Saans' 9mm glazed vitrified tiles are composed of pedestals to raise the floor surface with respect to the base level, resulting in the creation of an underfloor void that can be used to route electrical cables and pipework easily. This allows inspection of technical systems at any time and simple replacement of components if necessary. The system is assembled without adhesives. Dry assembly of the structure is extremely effective in applications where correct drainage is important.







**LiveStone**  
CERAMIC

**LIVESTONE CERAMIC PVT LTD**

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