

Product  
Catalogue

1200x2400mm  
1200x1800mm  
800x1600mm



**ENHANCE**  
your space with  
the majestic surfaces



KERAMICA CERAMIC PVT. LTD.

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2023 EDITION

PREMIUM  
Porcelain Collection

### About Company

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 everyone of you to be a part of this amazing journey that has just begun.

### 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. We will continue to assert ourselves 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.

### Innovation

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. We will continue to assert ourselves 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.



1200X2400MM

Experience unparalleled luxury with our grand 1200x2400mm marble textured tiles. Enhance your space with the majestic glossy finish and select from an array of exquisite designs. Embrace the magnificence of large size slabs and immerse yourself in pure opulence.



WALL & FLOOR : CT120240/323



**TECHNICAL  
DETAILS**

SIZE : 1200X2400MM  
THICKNESS : 9MM  
FINISH : HIGH GLOSS

**CT120240/319**

random : 3



**CT120240/320**

random : 3



**CT120240/321**

random : 2



**CT120240/322**

random : 2



**CT120240/323**

random : 4





WALL : CT120240/328

**TECHNICAL  
DETAILS**

SIZE : 1200X2400MM  
THICKNESS : 9MM  
FINISH : HIGH GLOSS

**CT120240/324**

random : 2



**CT120240/325**

random : 4



**CT120240/326**

random : 3



**CT120240/327**

random : 3



**CT120240/328**

random : 3





WALL : CT120240/329



**TECHNICAL  
DETAILS**

SIZE : 1200X2400MM  
THICKNESS : 9MM  
FINISH : HIGH GLOSS

**CT120240/329**

random : 3



**CT120240/330**

random : 3





WALL & FLOOR : CT120240/331

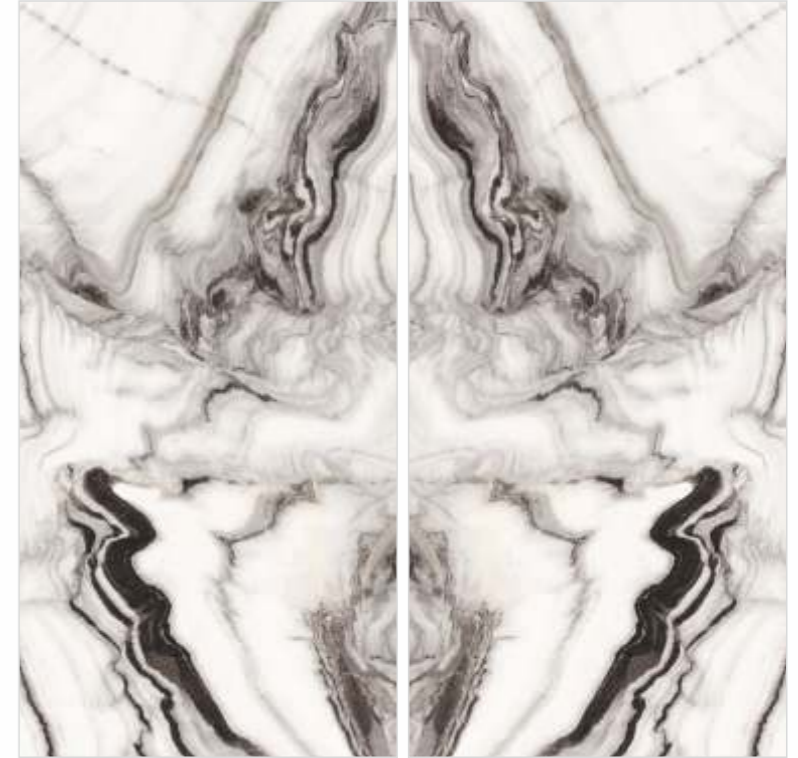


**TECHNICAL  
DETAILS**

SIZE : 1200X2400MM  
 THICKNESS : 9MM  
 FINISH : HIGH GLOSS  
 TYPE : BOOKMATCH

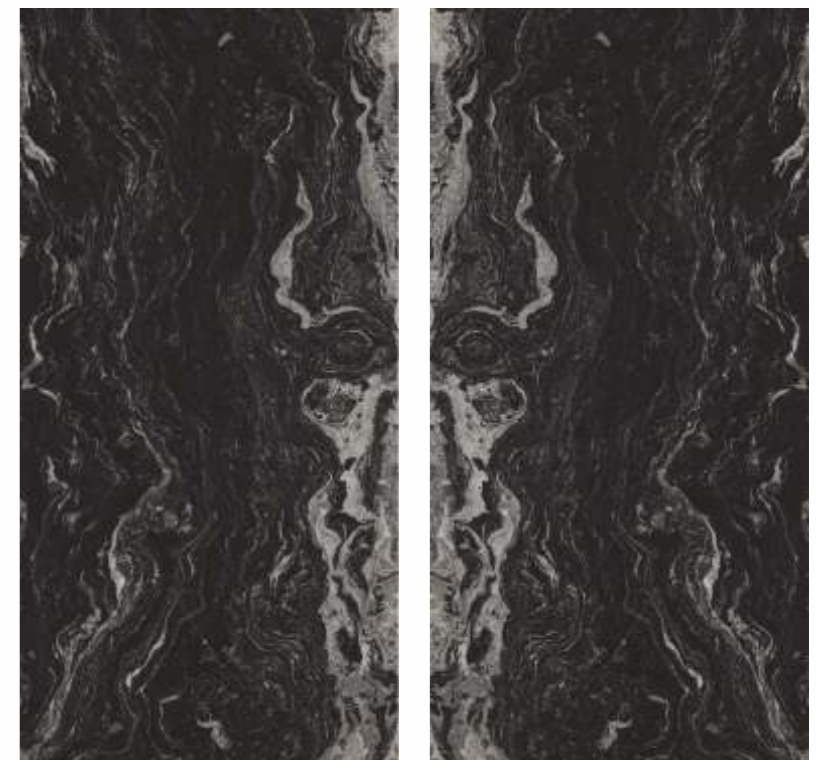
CT120240/331

CT120240/331 A+B



CT120240/332

CT120240/332 A+B





WALL : CT120240/333

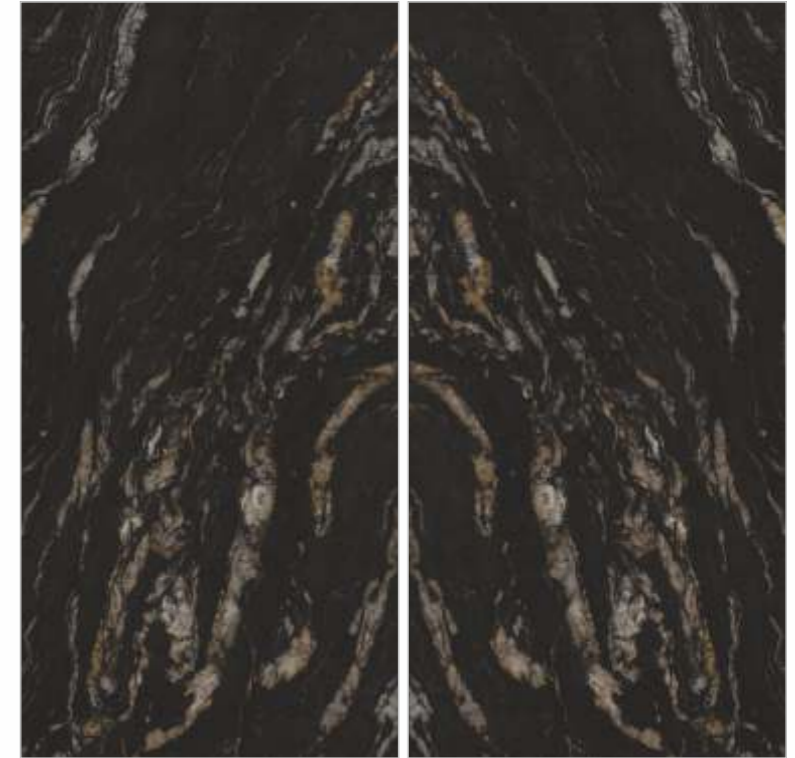


**TECHNICAL  
DETAILS**

SIZE : 1200X2400MM  
THICKNESS : 9MM  
FINISH : HIGH GLOSS  
TYPE : BOOKMATCH

CT120240/333

CT120240/333 A+B



CT120240/334

CT120240/334 A+B







FLOOR : CT120240/335



**TECHNICAL  
DETAILS**

SIZE : 1200X2400MM  
THICKNESS : 9MM  
FINISH : HIGH GLOSS  
TYPE : BOOKMATCH

**CT120240/335**

CT120240/335 A+B





**KE**RAMICA  
Ceramic

1200X1800MM

Indulge in luxury with our exquisite collection of 1200x1800mm marble textured tiles. Immerse yourself in the opulence of glossy finish and choose from a wide array of stunning designs.



WALL & FLOOR : CT120180/336

**technical details**

size : 1200x1800mm  
 thickness : 9mm  
 series : eslab  
 finish : HIGH GLOSS

**CT120180/336**

random : 4



**CT120180/337**

random : 3



**CT120180/338**

random : 3



**CT120180/339**

random : 3



**CT120180/340**

random : 4





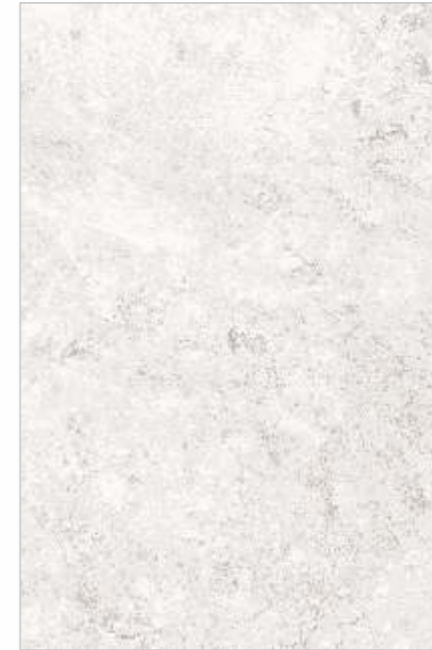
FLOOR : CT120180/343

**technical details**

size : 1200x1800mm  
 thickness : 9mm  
 series : eslab  
 finish : HIGH GLOSS

**CT120180/341**

random : 4



**CT120180/342**

random : 3



**CT120180/343**

random : 4



**CT120180/344**

random : 4



**CT120180/345**

random : 3





**KE**RAMICA  
Ceramic

800X1600MM

Embrace timeless elegance with our 800x1600mm tiles. Experience the allure of a glossy finish and choose from an array of captivating designs. Revel in the majesty of large size slabs and immerse yourself in unmatched sophistication



WALL & FLOOR : CT80160/346

**technical  
detail**

size : 800x1600mm  
 thickness : 9mm  
 body : color  
 series : eslab  
 finish : glossy

**CT80160/346**

random : 4



**CT80160/347**

random : 4



**CT80160/348**

random : 4



**CT80160/349**

random : 4



**CT80160/350**

random : 4





WALL & FLOOR : CT80160/351

**technical  
detail**

size : 800x1600mm  
 thickness : 9mm  
 body : color  
 series : eslab  
 finish : glossy

**CT80160/351**

random : 4



**CT80160/352**

random : 4



**CT80160/353**

random : 3



**CT80160/354**

random : 3



**CT80160/355**

random : 4





WALL & FLOOR : CT80160/360

**technical  
detail**

size : 800x1600mm  
 thickness : 9mm  
 body : color  
 series : eslab  
 finish : glossy

**CT80160/356**

random : 4



**CT80160/357**

random : 4



**CT80160/358**

random : 4



**CT80160/359**

random : 4

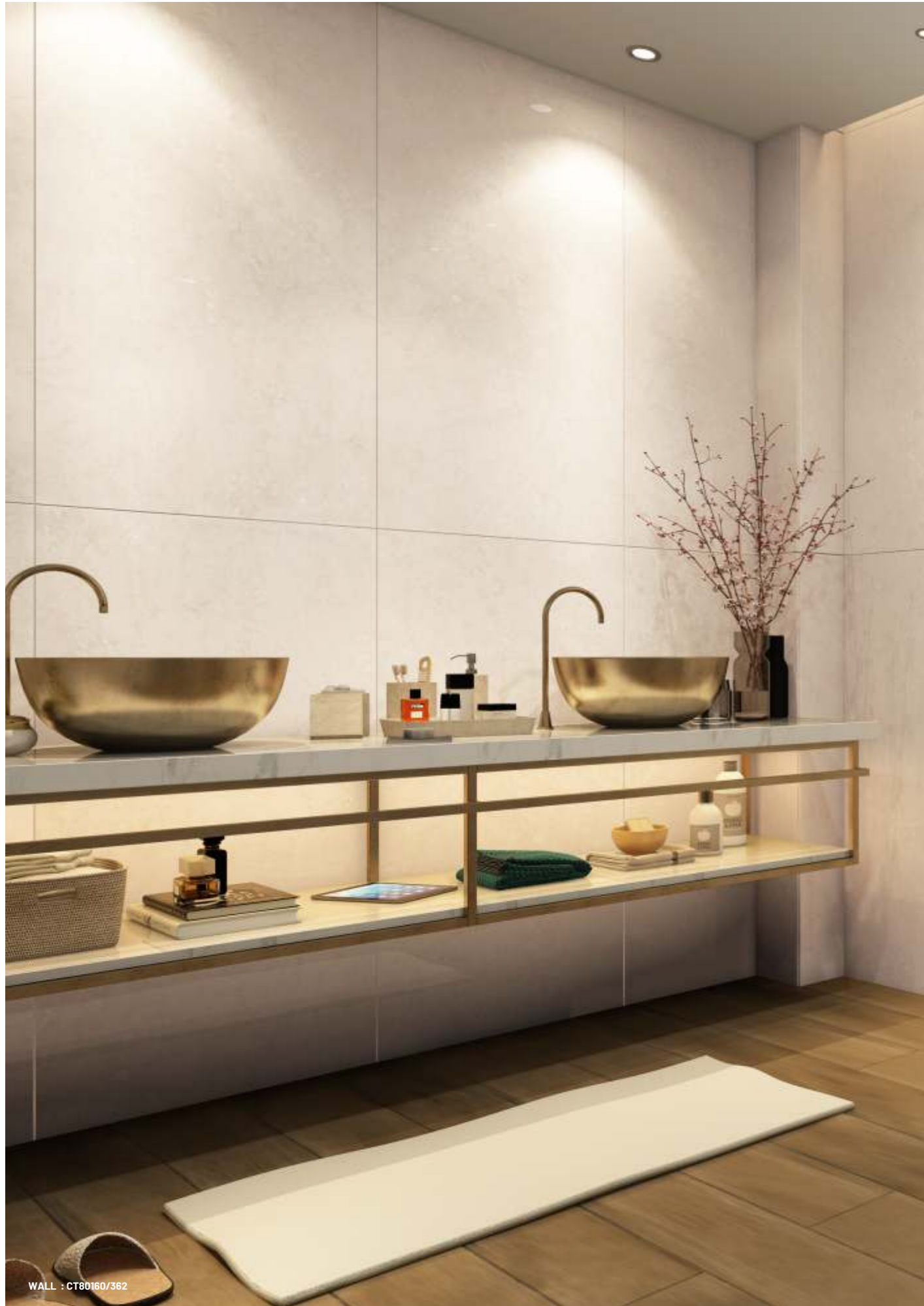


**CT80160/360**

random : 4







WALL : CT80160/362

**technical  
detail**

size : 800x1600mm  
 thickness : 9mm  
 body : color  
 series : eslab  
 finish : glossy

**CT80160/361**

random : 3



**CT80160/362**

random : 3



**CT80160/363**

random : 4



**CT80160/364**

random : 2





WALL & FLOOR : CT80160/360

**technical  
detail**

size : 800x1600mm

thickness : 9mm

body : color

series : eslab

finish : glossy

**CT80160/365 / CT80160/366**



CT80160/365 / CT80160/366 A+B

**CT80160/367**

random : 4



**CT80160/368**

random : 4



**CT80160/369**

random : 4





WALL & FLOOR : CT80160/372

**technical  
detail**

size : 800x1600mm  
 thickness : 9mm  
 body : color  
 series : eslab  
 finish : glossy

**CT80160/370**

random : 3



**CT80160/371**

random : 4



**CT80160/372**

random : 4



**CT80160/373**

random : 3



**CT80160/374**

random : 4





WALL & FLOOR : CT80160/375

**technical  
detail**

size : 800x1600mm  
thickness : 9mm  
body : color  
series : eslab  
finish : glossy

**CT80160/375**

random : 4



**CT80160/376**

random : 4





## APPLICATIONS

### 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.

### Facade cladding systems:

Ventilated facades, coatings, external claddings.

### Interior design:

Surfaces of kitchen and bathroom tops, cupboards, tables, desks, doors and furnishings in general.

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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.

## 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



Garden & Pools



Residences



Hotels



Offices



Restaurants



Shops



Malls



Airports



Railway Stations



Bathrooms



Interiors



Kitchens



Public Spaces

## 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, Emcer 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.

## 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
<b>REGULATORY PROPERTIES</b>			
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
<b>STRUCTURAL PROPERTIES</b>			
Water Absorption	<0.05%	<0.05%	ISO - 10545-3
Apparent Density	>2.00 g/cc	>2.10 g/cc	DIN 51082
<b>MASSIVE MECHANICAL PROPERTIES</b>			
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
<b>SURFACE MECHANICAL PROPERTIES</b>			
Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO - 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	EN 101
<b>THERMO HYGROMETRIC PROPERTIES</b>			
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 <sup>-6</sup>	Max 6.5x10 <sup>-6</sup>	ISO - 10545-08
Crazing Resistance	As per Mfg.	Min 10 Cycle	ISO - 10545-11
<b>CHEMICAL PROPERTIES</b>			
Chemical Resistance	No Damage	No Damage	ISO - 10545-13
Stain Resistance	Resistant	Resistant	ISO - 10545-14
<b>SAFETY PROPERTIES</b>			
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.MTR.	BOX WEIGHT ( APPROX. )
1200X2400MM	9MM	1	2.88	61 KGS.
1200X1800MM	9MM	2	4.32	91 KGS.
800X1600MM	9MM	2	2.55	52 KGS.