













CATALOGUE

GENERAL

2018

QUTO∩E ⊞

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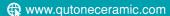
imarble

1200x2400 mm | 1200x1200 mm 800x2400 mm | 800x1200 mm | 800x1600 mm

INCREDIBLY ITALIAN

For Sales Enquiry:
NORTH ZONE: Delhi-Haryana-UP-UK: +91 85888 45117 | CHD-PB-J&K-HP: +91 99150 40096 | Rajasthan: +91 95493 27860 SOUTH ZONE: AP: +91 76809 06394 | Kerala: +91 81389 98991 | Karnataka: +91 88844 85020 | TN-Pondicherry: +91 89398 90701 WEST ZONE: Mumbai-GOA: +91 99090 42399 | GUJARAT: +91 75748 19814 | MP-ROM: +91 77188 56710 EAST ZONE: WB-Orissa-Bihar: +91 99090 42395 | CG: +91 95222 69201 | Assam-NorthEast: +91 99090 42397 | Jharkhand: +91 -70700 93119, +91 72800 02737







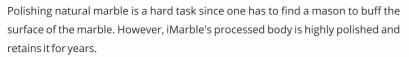
FEATURES



Installation Friendly

What makes the iMarble intelligent are the grand sizes it is available in. This makes installation a very simple task. For example, one single slab of 1200x 2400mm will replace 8 tiles of standard 600x 600mm size.

Pre-Polished





Light Weight

The iMarble weighs at least 60% less than traditional and current Italian marble. This adds to the simplicity of installation and transport of the slabs.

Resin-Free

Resin is a synthetic polymer used as an adhesive for treating cracks in natural marble. iMarble uses no resin treatment as there are no cracks in it. Since resin has an adverse effect on the skin, iMarble is a far more better and healthier option than natural marble.





Compact Body/ High MOR

Natural marble has a very low modulus of rupture (MOR), while processed slabs of iMarble are compact made and have a very high breakage strength, making iMarble a far more stronger choice than traditional marble.

Zero Maintenance

Even when used in high-traffic areas, iMarble needs minimum care because of its low porosity, highly compact body and high hardness index.





Facades

Apart from just flooring, iMarble can be used in many other applications like facades, lifts, ventilated and non-ventilated facades. iMarble can be installed easily by means of wet/dry cladding.

Zero Porosity Ensuring Anti-Fungal Life

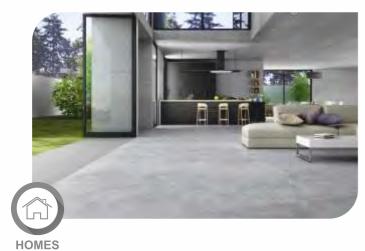
Another quality that iMarble is imbued with is its low or zero porosity. When water settles on natural marble, it seeps in, making the marble weak, inviting fungal, algae growth, etc. With iMarble, all these problems can be avoided.





INDEX







SHOPPING MALLS





CORRIDORS / HALLS

OFFICES





CAFÉ, PUBS & BARS

TECHNICAL FEATURES



STAIN RESISTANT



HIGH FLEXURAL STRENGTH

FOR WALL



EASY INSTALLATION





EASY TO CLEAN

ALMOST 0% WATER ABSORPTION

RESISTANT





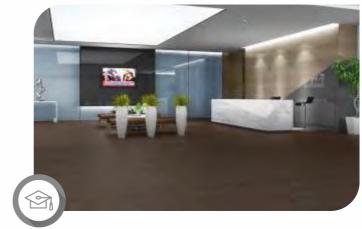


RESISTANT





HOSPITALS





SCHOOLS

THEATERS /

HALLS

INDUSTRIES





BANKS

APPLICATION AREAS



RESTAURANT

SUPER MARKETS



INDUSTRIES



SHOPPING MALLS











SCHOOLS

RELIGIOUS PLACES



CORRIDORS / HALLS

BANK

CAFÉ,PUBS & BARS AIRPORT TERMINALS











French Grey Polished



French Steel Polished





Sarron Colin Fantistico Polished













Brown Grenito Matt / Polished









Dyna Fantastico Polished



Sahara Nero Polished





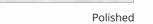
Breccia Aurora Polished



Marmi Bianco

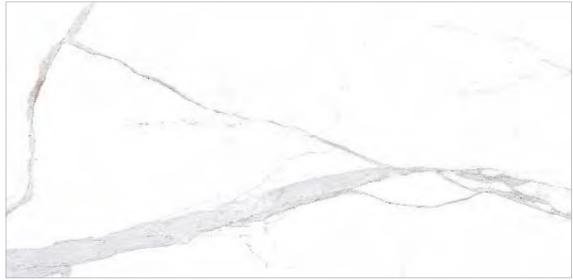








Statuario Classic Polished



Statuario Super Polished



Statuario Pearl Polished





Azul Macauba















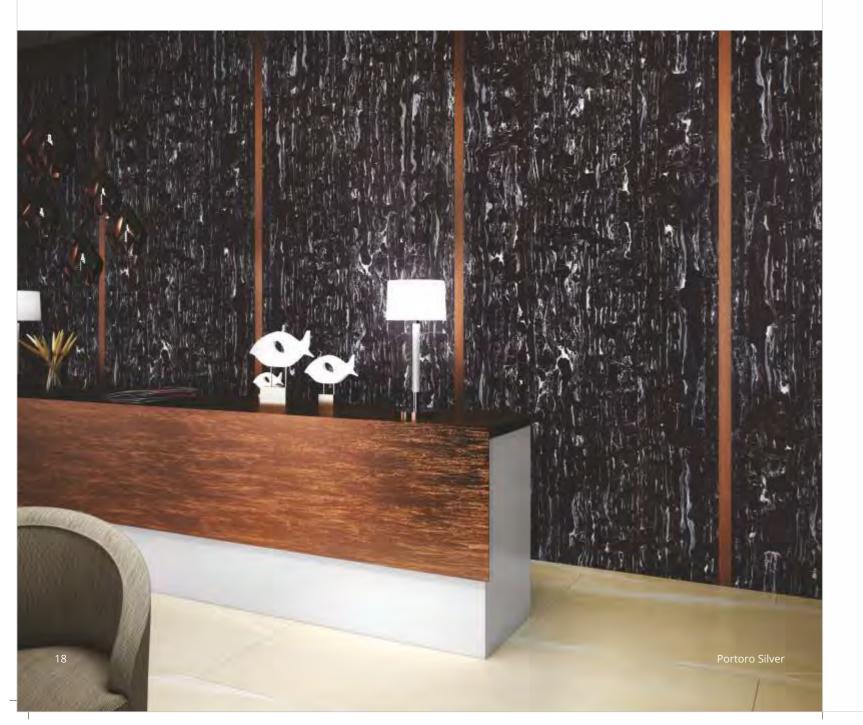
Marfil Polished





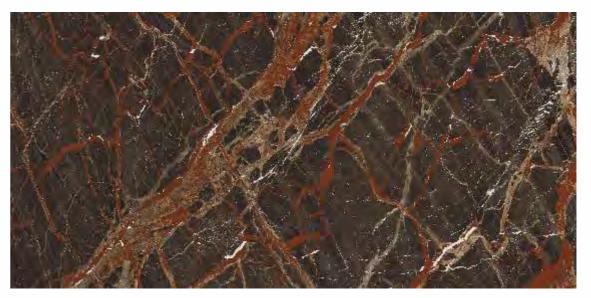








Portoro Gold Polished



Estrada Polished



Tobacco Brown Polished

















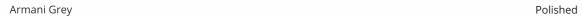
Nivea Avorio Pearl













Armani Steel Polished



Armani Gold Polished



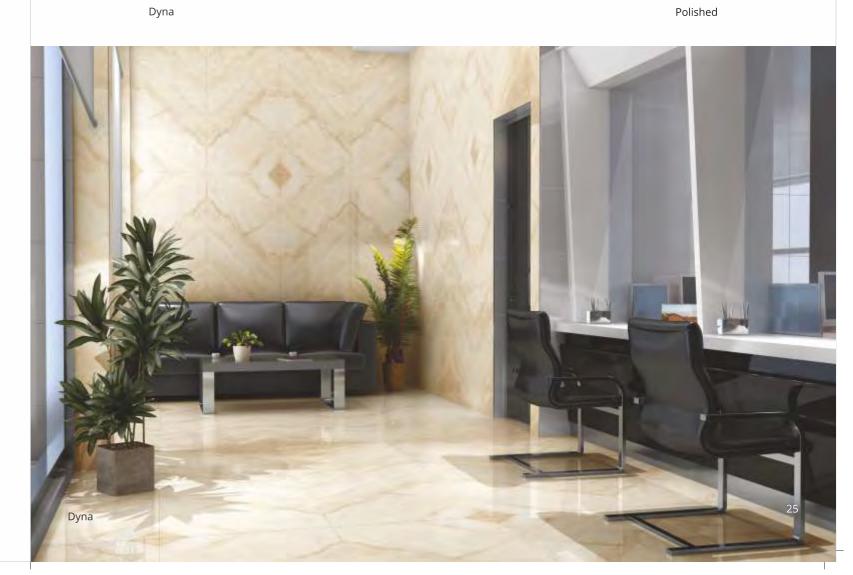
Polished Titan Grey



Marvel Polished



Polished









Honey Onyx Polished



Black Beauty Polished





Onyx Natural Polished



Onyx Bianco Polished



Breccia Aurora Polished



Travel





Techno Beige Polished







Techno Choco Polished



Statuario Ice

Mercury



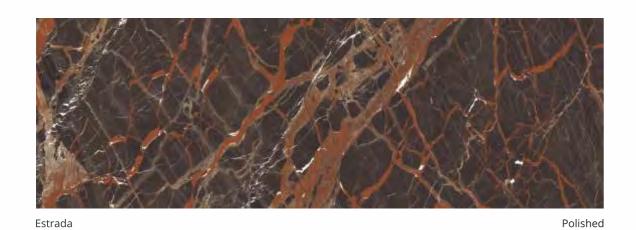


Statuario Fantastico Polished



Polished







Travertine Pearl











Smoke Steel Sugar Sugar



Smoke Grey Sugar







Smoke Grey Rust Matt



Smoke Steel Rust Matt



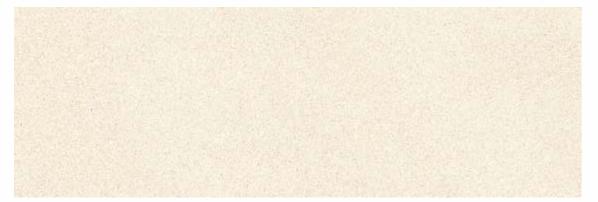




Orient Bianco Matt



Orient Nero Matt



Orient Beige Matt



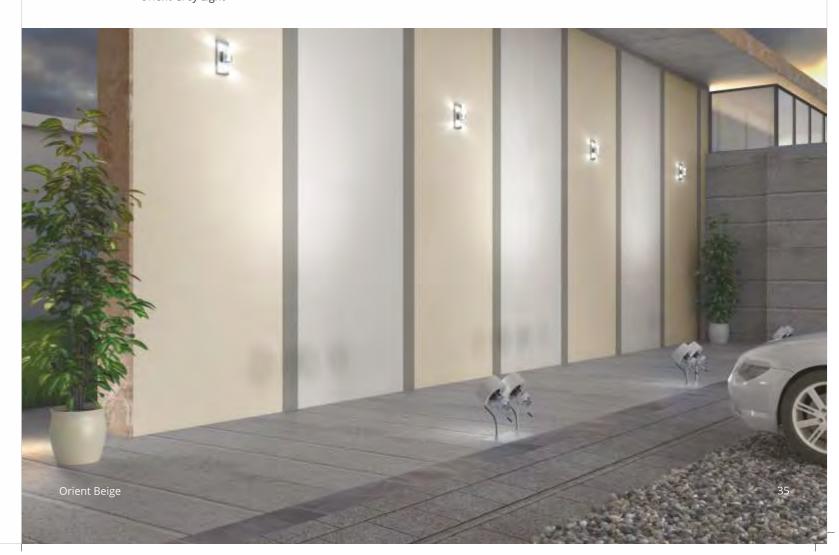
Orient Brown Matt



Orient Smoke Matt



Orient Grey Light Matt











Portland Mocha Matt







Leminum Beige Matt



Leminum Red Matt

















Walnut Natural Matt



Quirky Cobalt Matt











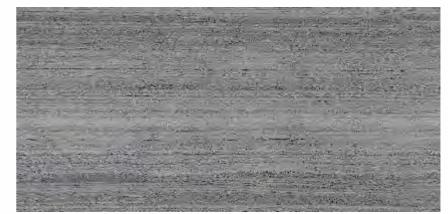


Dyna Polished



Rain Forest Polished





Titan Grey Polished



Travel Polished





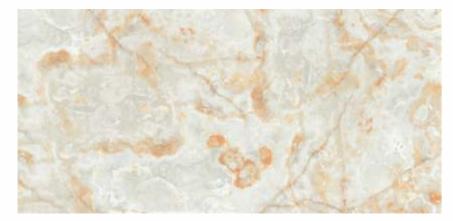








Bottichino Glossy Polished



Classic Onyx Polished



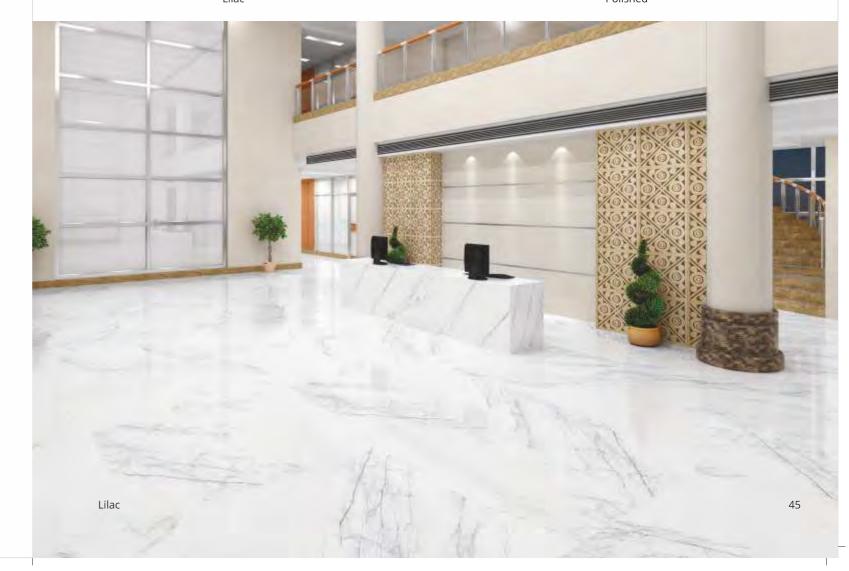
Dyna Fantastico Polished



Statuario Polished

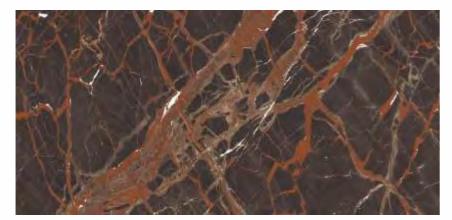


Lilac Polished













Marfil Polished



Travertino Classico Polished



Onyx Bianco Polished



Esha Grey Polished



Esha Crema Polished











Travertine Pearl Pearl



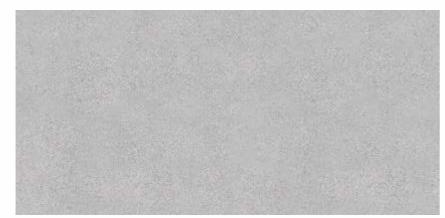
Amazon Beige Pearl



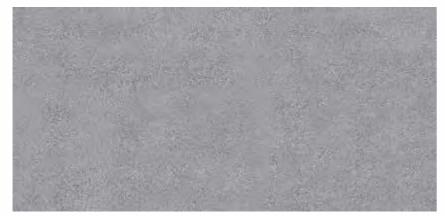








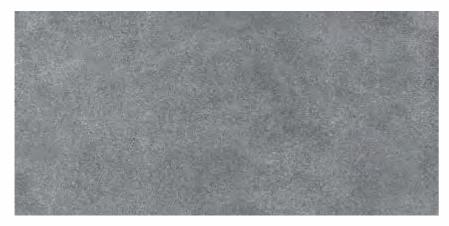




Monty Grigio Matt



Smoke Grey Rust Matt



Smoke Steel Rust Matt



Inco Metal Matt



Acero Beige Matt



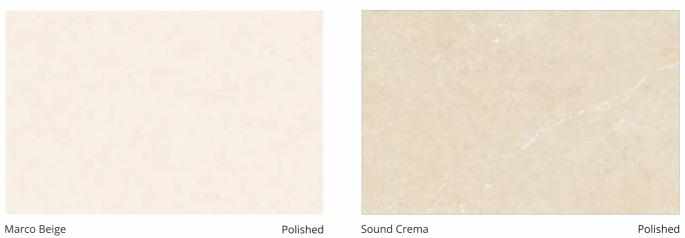
















Apollo Beige



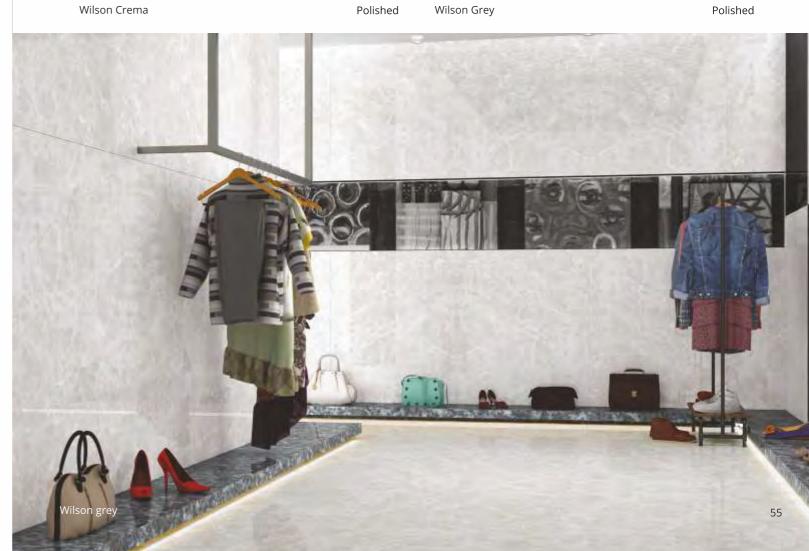








Polished



Polished



Tamptation Brown









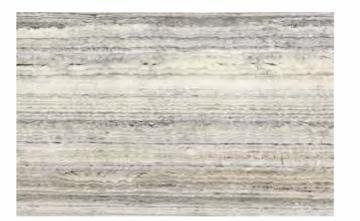






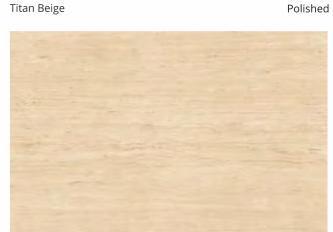










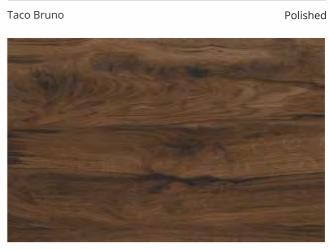






Travolta





Legna Brown Polished

57

Polished











Cementis Bianco Mat



Cementis Crema Matt



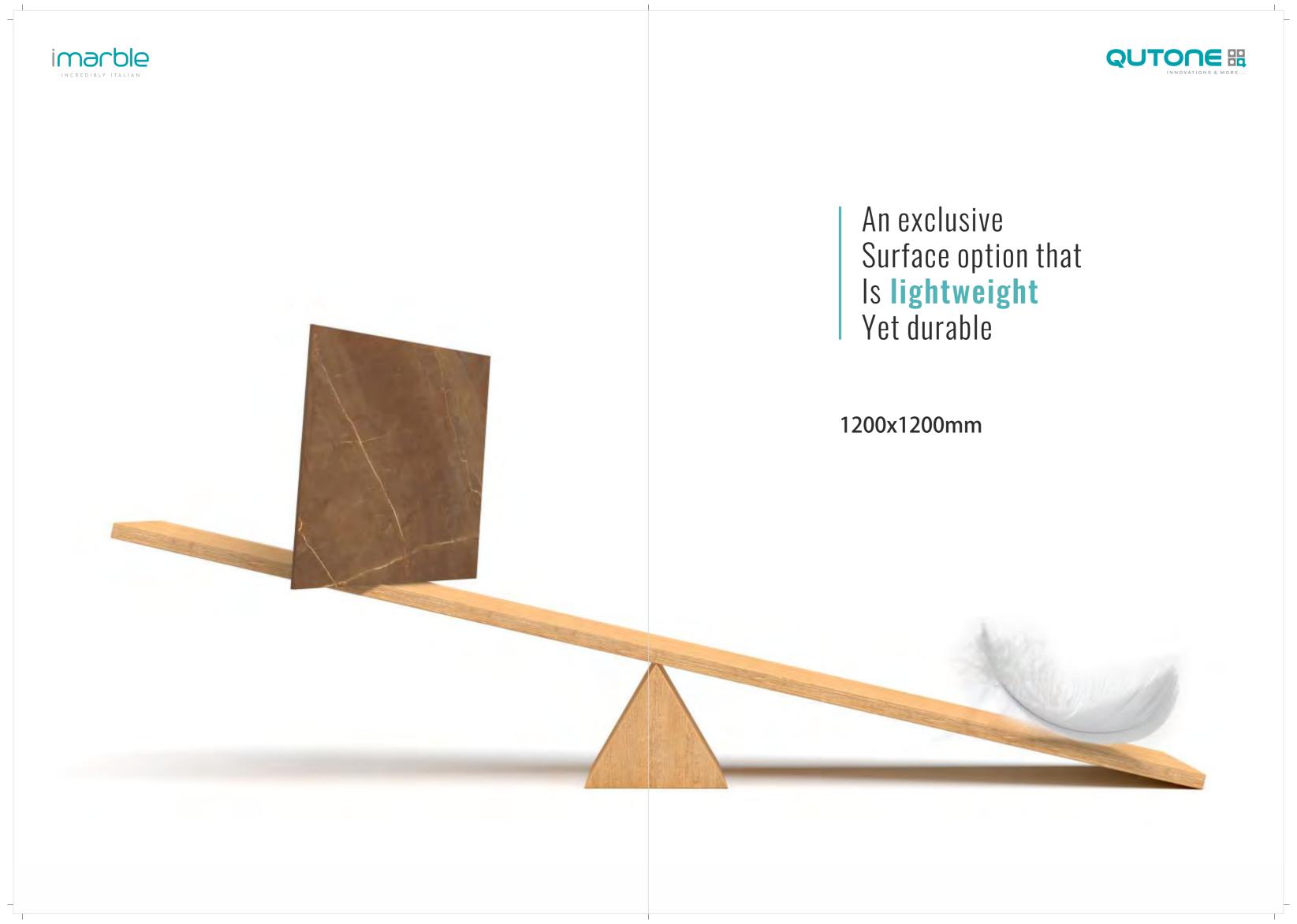
Cementis Bruno Matt



Cementis Mocha Matt

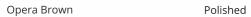






imarble | 1200x1200mm







French Gris Polished



Marvel Polished



Sarron Colin Fantistico



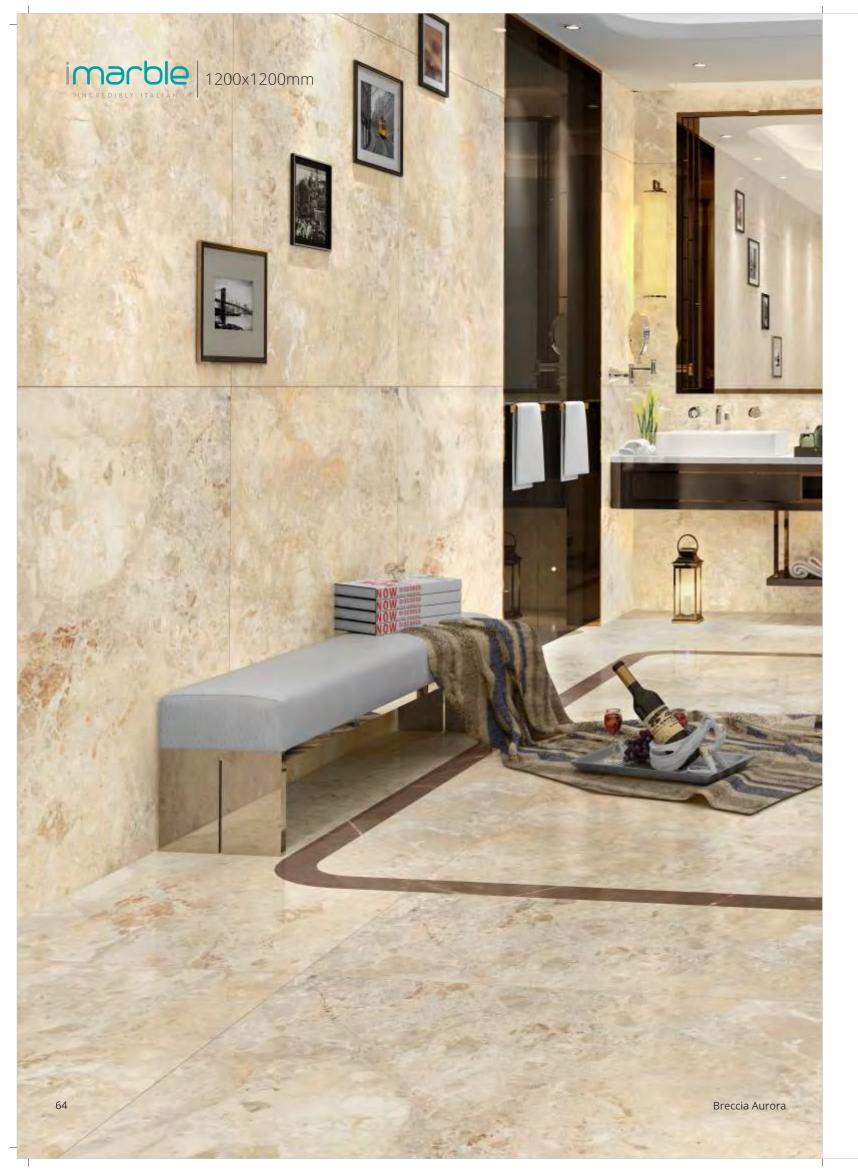
French Steel



Italia Beige Polished











Polished

Armani Gold











Dyna Fantastico Polished

Breccia Aurora Polished















Emperador Light Polished

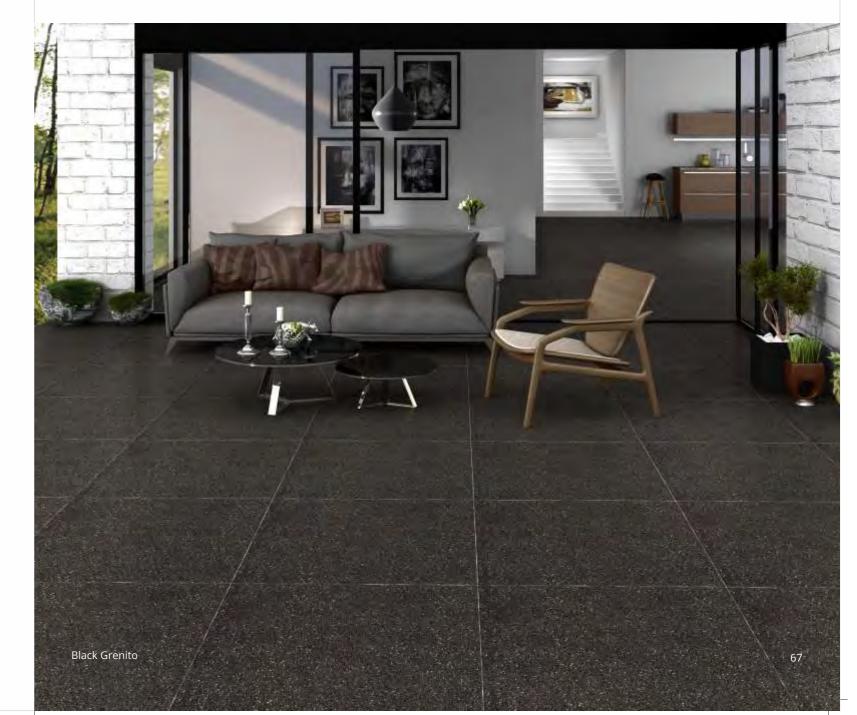
Matt / Polished Black Grenito Matt / Polished Brown Grenito











Polished



Polished Titanium Black

Opel Bianco





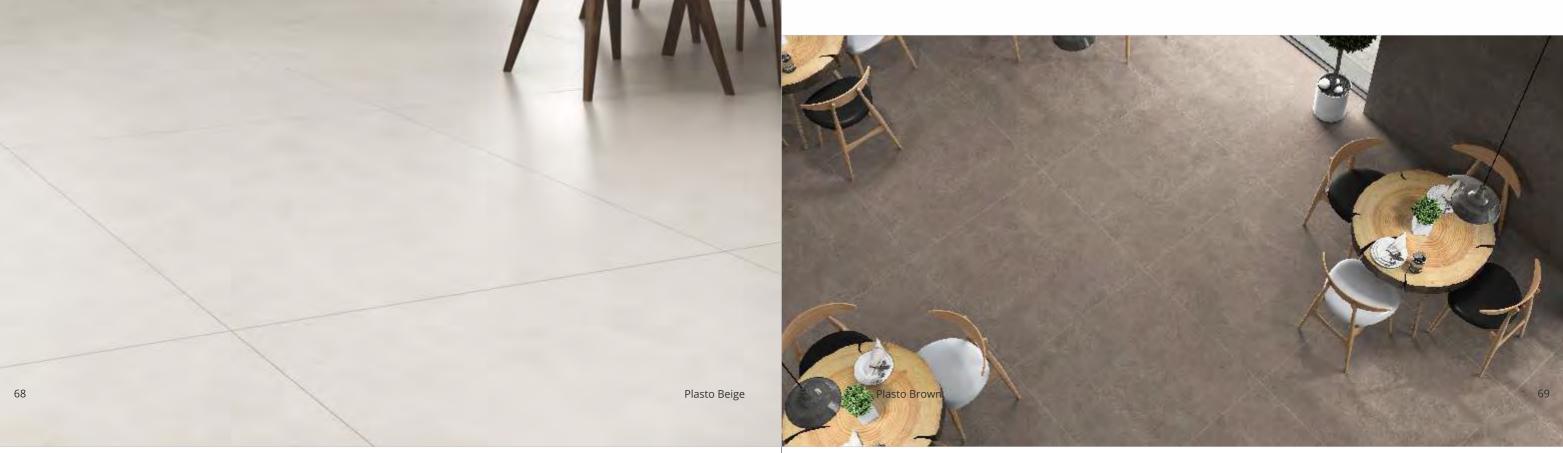




Plasto Beige Matt



Plasto Brown Matt



ima

1200x1200mm

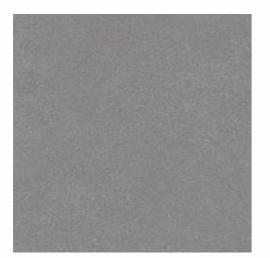








Pietra Beige Matt



Pietra Grey Matt



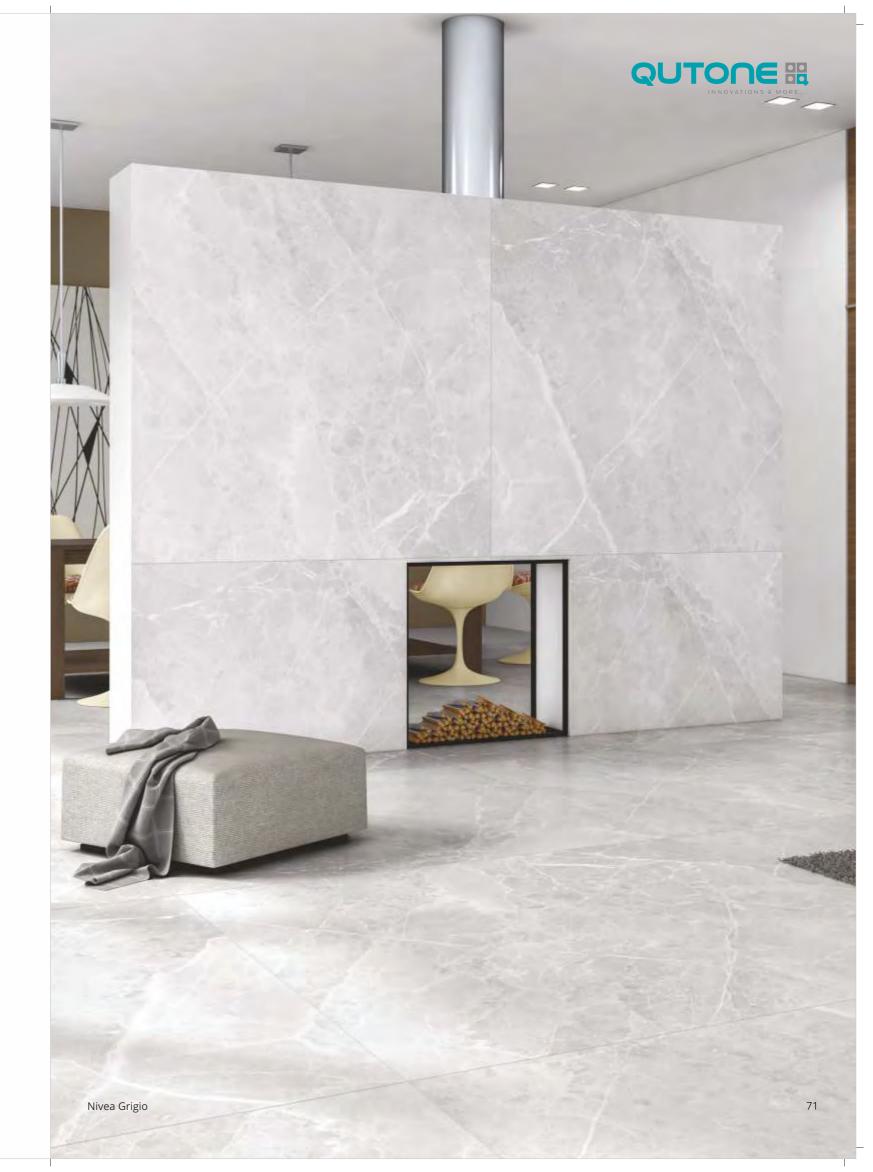
Oxido Blue Matt



Nivea Avorio Pearl



Nivea Grigio Pearl

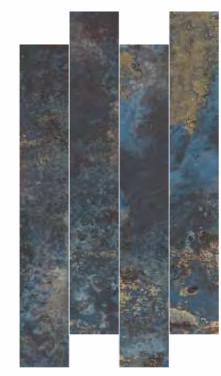








Matt Wood



Oxido Blue

Metalic Matt





Finishes



POLISHED

Use of special transparent glaze on the surface, gives a polished look to the tiles. The polished surface reflects high-end grace and potency.



PEARL

Pearl finish stands for detailed natural veining and subtle poise that it derives through modern technology.



MATT WOOD

It is a perfect mélange of matt and wooden finish. Surface treatment gives it a perfect look and also makes it highly scratch resistant.



MATALLIC

Pure rusted metals are reproduced with special inks giving the realistic e□ect.



MATT

Top grade matt finish is derived using state of the art technology which provides high resistance to fading and discoloration to tiles.



SUGAR

Application of the sugar like granules on the surface imparts a distinctive texture shine and coarse surface design.



LEATHER

Detailed surface contour and, refined surface polish for this finish is derived using punch e□ect and special granules

Thickness

INDICATIVE USAGE AREA	6mm & 9mm	12mm
Indoor paneling	•	
Indoor paving	•	
Outdoor natural stone facade	•	•
Outdoor paving	•	
Ventilated facade with exposed anchor	•	•
Ventilated facade with hidden anchor	•	•
Countertops		•
High-traffic paving	•	•
Indoor paneling over the material	•	
Indoor paving over the material	•	
Furniture	•	•

The above data is indicative 73



1. iMarble Slab Installation

There are 5 primary steps of tile laying

- 1) Surface Preparation
- 2) Dry Laying
- 3) Tile Laying
- 4) Grouting
- 5) Initial Cleaning

1.1. Surface Preparation

Plaster the surface of the floor/wall to be tiled smooth and complete the plastering and curing at least two weeks prior to tiling.

The surface on which the tiles are to be laid should be clean and free from dirt and particles to avoid contamination. Before laying floor tiles on old mosaic and cement floors, the floor should be clipped with a chisel or sharp tool so that the surface Is sufficiently mail to grasp the mortar.

Qutone recommends use of adhesive of class C3E according to En12004 and SI according to ENI2002 standards.

Deviations are more significant among different thicknesses of iMarble, given the way in which each thickness is produced. Before cutting, inspect the slabs to ensure the tone of the different slabs is satisfactory. Make sure you do this inspection under lighting conditions that are similar to the area of installation. We recommend that you don't blend slabs from different batches.

1.2. Dry Laying

Tiling should preferably be started from the center area so that cut tiles, If any, come only on the sides. Arrange tiles In the desired layout to ensuring that there are equal cut tiles at either end Proper gadient of floor should be provided for ease In drainage & ensuring avoidance of water accumulation. Qutone recommends laying of flies with adhesive. Proper care should be taken In terms of selection of adhesive with the area mended for usage. Various adhesive for varied application are available in the matt. Proper market consultation with adhesive supplier Is recommended Follow the instruction of tile adhesive manufacturer for laying the tiles.



1.3. Tile Laying

Take care of the following things before fixing the tiles

- Entry and Exit points should have doormats in order to avoid abrasive dust particles from entering the floor area
- Avoid movement on damp surface
- Avoid pulling heavy, pointed or sharp objects on the flooring surface





1.3.1. In-door Installation

Make sure to leave 2-3 mm space between the tiles. Create movement joints every 25 mtr or as directed by an expert. The adhesive must be applied to the back of the tile and the sub-layer with a notched trowel.

1.3.2. Outdoor Installation

Try to keep movement joints of approximately 1 cm wide at the corners. Create movement joints every 9-12 mtr or as directed by an expert. Always respect the building's structural joints while laying the tiles.

It is mandatory that the tiles be installed with a large joint between each of them. The width of the joint must be calculated based on the local climate conditions, the tile size and flexibility of the sub-layer.

1.3.3. Tile over Tile Installation

Ensure that the old tiles are fixed properly. If not, remove any unsecured tiles and fill the gaps with a suitable mortar. Before laying iMarble, wash the old tiling with water and soap to get rid of any dust, grease or other impurities and let it dry. Apply bonding resin before tiling over the old tiles. After this step, follow the instructions for indoor or outdoor installation. For fixing the Tiles on wall dado we recommend the use of adhesive please follow the manufacturer's instructions for the same. We do not recommend the use of sand and cement for fixing on dado. Mark and lay the tiles from the center of the area to be tiled so that cut tiles, if any will be on the outer edge towards the wall. It is advisable to maintain a gap of 1 mm to 2mm between adjoining tiles to allow for possible expansion as per BIS/EN tolerance norms.

For fixing the Tiles on wall dado we recommend the use of adhesive. Please follow the manufacturer's instructions for the same. We do not recommend the use of sand and cement for fixing on dado. Mark and lay the tiles from the center of the area to be tiled so that cut tiles, if any will be on the outer edge towards the wall. It is advisable to maintain a gap of 1 mm to 2mm between adjoining tiles to allow for possible expansion as per BIS/EN tolerance norms.

1.4. Grouting

Leave a Joint gap of about 3-4 mm between two tiles. The gaps between tiles should be filled with grout available in the market. Always follow the instructions of grout manufacturer. After filing the Joints, floor surface should be cleaned with sponge or a piece of cloth and filler should be allowed to set for 24 hours by avoiding all traffic there on. Before fixing tiles, lay them out in desired pattern and acceptable blend of color. *Variation in size, colour and design are inherent property of tile.

**DO NOT USE IRON HAMMER OR ANY HEAVY OBJECT TO PRESS THE TILES

1.5. Initial Cleaning

The initial cleaning done immediately after the tiling process is complete is of essential importance for removing all mortar, adhesives and epoxy residues that may be left in the joints. We recommend use of an acid decalcifying product. 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. This process should be carried out as early as the grout is cured. Refer to the adhesive and grout manufacturers' instructions carefully.





For 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 which are very difficult to remove.

Any detergent on the market can be used in the desired concentration for cleaning the high technology products, with the exception of HYDROFLUORIC acid (HF) or its compounds, according to UNI-EN 176 standards. In order 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 to choose 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.

Detergents:

The detergents are essential when laying new materials on old floors and for preparing the support surface perfectly as well as after installation to remove all traces of cement, adhesive or sealant from the newly laid materials.

Matt Materials:

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. On these types of surface it is not advisable to apply 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.

Relief Materials:

The procedure described for matt and bright materials is also valid for products with relief surface with the following additions:

- When cleaning, follow the outline of the relief pattern;
- rub aggressively using appropriate bristles;
- rinse abundantly and thoroughly.

Note: Colors shown are as accurate as the limitations of the printing process will allow. Prospective customers are advised to inspect a sample of the tile before ordering. Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to change the specifications without any notice. Something variations in shade or size being inherent to ceramic industry may occur. Before fixing, we advice you to follow the fixing instructions on the cartons of the tiles as no responsibility can be accepted by the company once the tiles have been fixed.



Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO-13006/ En14411 GROUP	iMARBLE VALUE	TEST METHOD
	Regulatory F	Properties	
Deviation in Length & Width	<u>+</u> 0.5%	<u>+</u> 0.2%	ISO - 10545-2
Deviation in Thickness	<u>+</u> 0.5%	<u>+</u> 0.5%	ISO - 10545-2
Straightness of Sides	<u>+</u> 0.5%	<u>+</u> 0.2%	ISO - 10545-2
Rectangularity	<u>+</u> 0.5%	<u>+</u> 0.2%	ISO - 10545-2
Surface Flatness	<u>+</u> 0.5%	<u>+</u> 0.2%	ISO - 10545-2
Colour Difference	Unaltered	No Change	ISO - 10545-16
Glossiness	As per Mfg.	>90%	Glossmeter
	Structural P	Properties	
Water Absorption	≤0.05	≤0.05	ISO - 10545-3
Apparent Density	>2.00 g/cc	>2.10 g/cc	DIN 51082
	Massive Mechan	ical Properties	
Modulus of Rupture	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 Mechan	ical 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 Hygrome	etric 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. 9.0 x 10 ⁻⁶	Max. 6.5 x 10 ⁻⁶	ISO - 10545-08
Crazing Resistance	As per Mfg.	Min. 10 Cycle	ISO - 10545-11
	Chemical P	roperties	
Chemical Resistance	No Damage	No Damage	ISO - 10545-13
Stain Resistance	Resistant	Resistant	ISO - 10545-14
	Safety Pro	operties	
Slip Resistance	As per Mfg.	>0.40	ISO - 10545-17
Fire Resistance	As per Mfg.	Fire Proof	N.A.

Packing Details

. doming 2 ordino					
DIMENSION (mm)	SLAB	SQUARE METRE	SQUARE FEET		
1200 x 2400mm	1	2.88	31.00		
800 x 2400mm	2	3.84	41.33		
800 x 2400mm (12mm)	1	1.92	20.67		
800 x 1600mm	2	2.56	27.55		
800 x 1200mm	2	1.92	20.67		
1200 x 1200mm	2	2.88	31.00		
195 x 1600mm	4	1.25	13.43		
195 x 1200mm	6	1.40	15.11		