

Collections 2018

CASATI CERAMICA

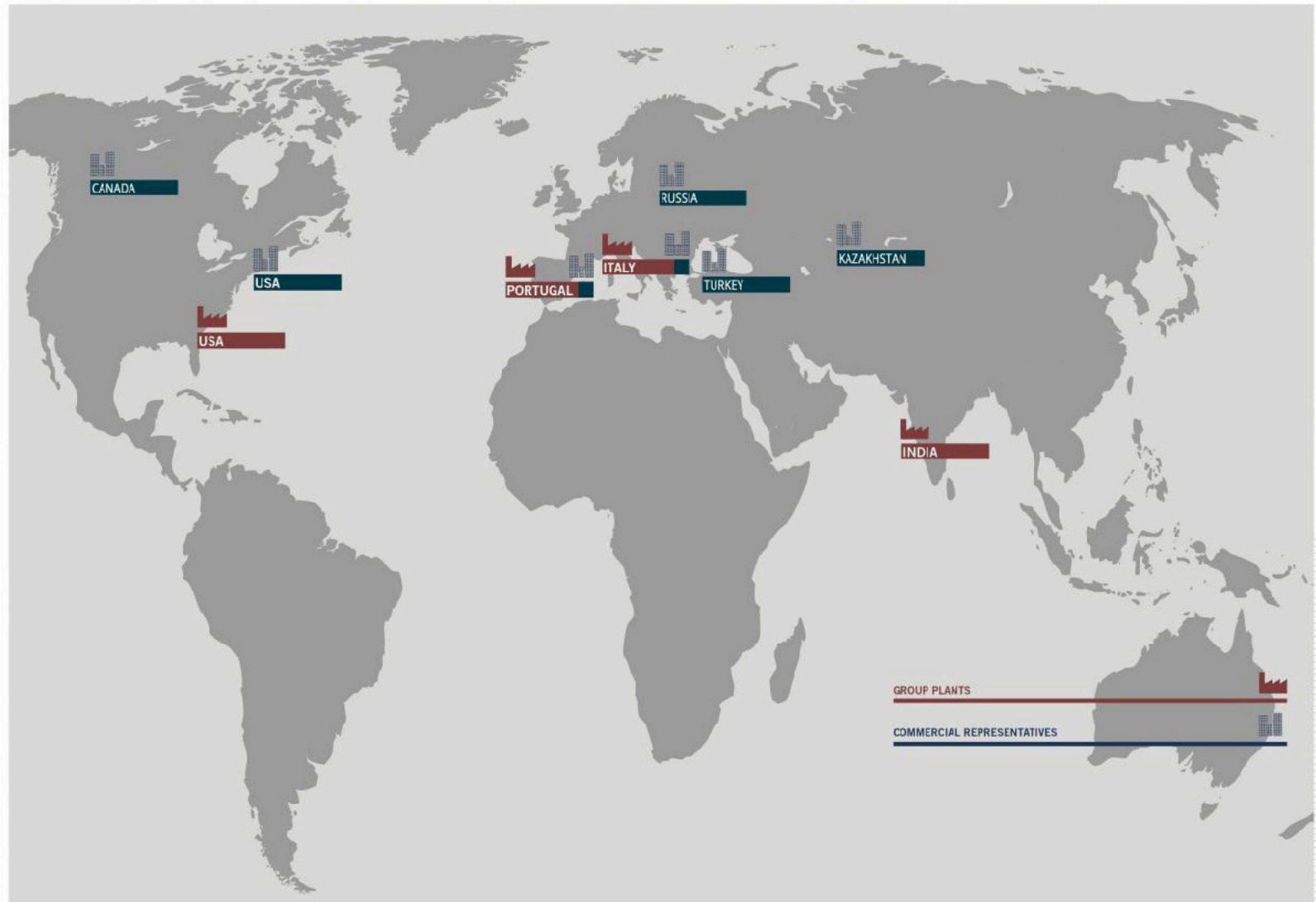
   CANADIAN STYLE

General catalogue

A leading maker of **luxury ceramics**

The strength and international breath of GMI group.

GMI group is one of the leading manufacturers of ceramic tiles for floors and wall cladding in the world. The group has production sites in Italy, India, USA and has a presence in over one hundred countries thanks to a broad, established and widespread sales network. Specialised in the production of porcelain stoneware tiles, the company is positioned in the **ultra-luxury market segment** targeting a differentiated and discerning customer-base looking for top quality aesthetics and technology.



Highlights

GMI group has a presence in over 100 countries in the world

The group positions itself in the high-luxury market segment

Casati Ceramica: our values

The technology know-how



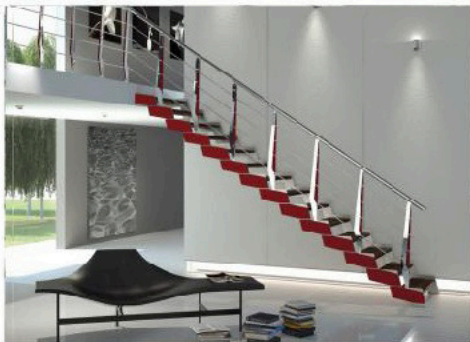
+ Elegance

The charm of Canadian & Italian style: an aesthetic culture that has imposed its taste across the world, enhancing the most prestigious of living spaces.



+ Innovation

Ongoing research into materials, to constantly improve our aesthetic, technical and quality standards.



+ Technology

Evolution, performance and know-how co-exist and share a perfect balance that represents the maximum of "Italian-ness" in the world.

Avant-garde machinery and constant innovation for unrivalled quality standards.

GMI group has always set itself apart thanks to its focus on research and innovation. The numerous production sites of the group are equipped with cutting edge machinery and production tools and the company also has an in-house research centre able to develop avant-garde application and aesthetic solutions, which help the company maintain its position as one of the industry leaders across the world.

Highlights

In-house research centre equipped with advanced technology

Innovation means evolution and ability to improve products quality



CASATI CERAMICA

CANADIAN STYLE

Collections

Casati Ceramica sets out to be the point of reference for planners, interior designer, architects and end users who are looking for products able to combine the highest technical standards and the refinement of Italian ceramics, that, for centuries, have been the symbol of unique excellence throughout the world.

PRESENTILE

2018



Peerless glory


Vogue
THE POLISHED LEGACY

POLISHED | SATIN



600x600
600x1200
800x800

-  High Definition Printing
-  Digital Printing
-  Matt Finished
-  Random
-  Grout Recommended
-  Mica



Engraved beauty



ASTRON BEIGE



ASTRON GRIS



ASTRON BROWN



FIREMONT CREMA



FIREMONT BIANCO



FIREMONT BROWN



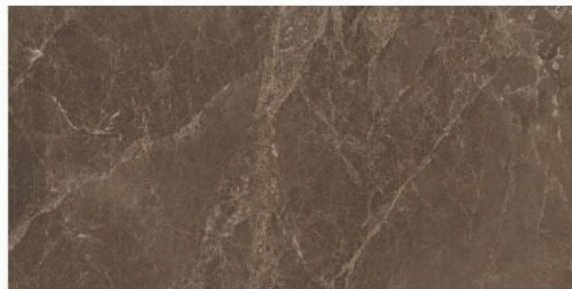
Fantastic display



BRECCIA IVORY



BRECCIA SILVER



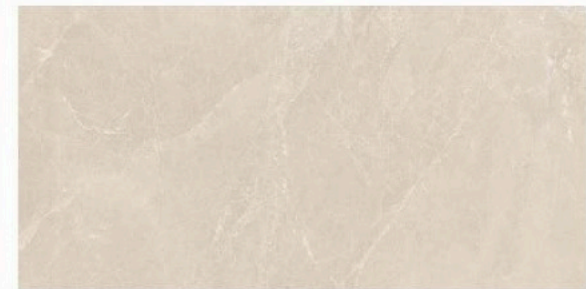
LISTELLO BROWN



FRITTO BROWN



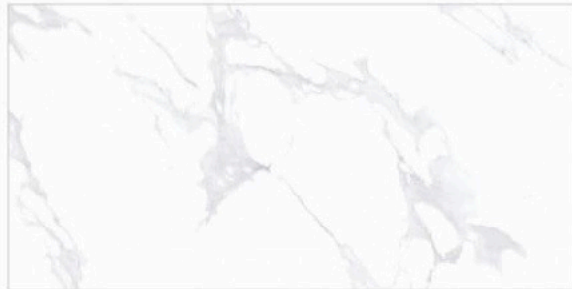
FRITTO CREMA



LISTELLO CREMA



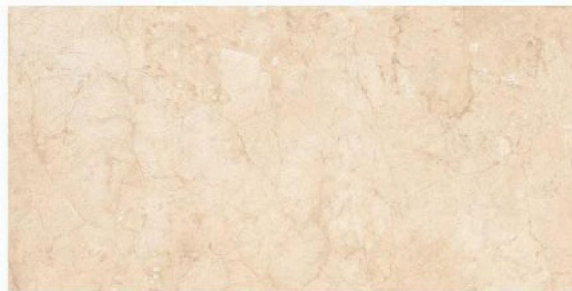
Remarkable purity



CARRARA GREY NEW



CREMA ITALIA



CREMA MARFIL



FOGGO CREMA



FOGGO PEARL



FOGGO SLATE



Incredible culture



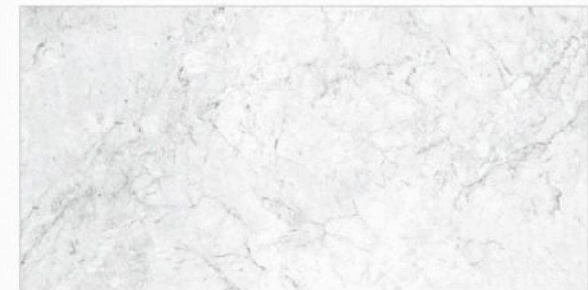
TITAN BEIGE



TITAN CREMA



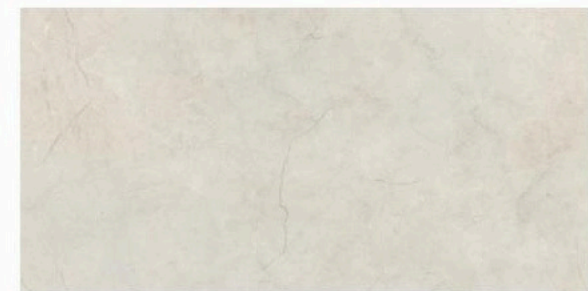
TITAN VERDE



BIANCO AVIRO



KYOTO BEIGE



KYOTO GREY



Serene presence



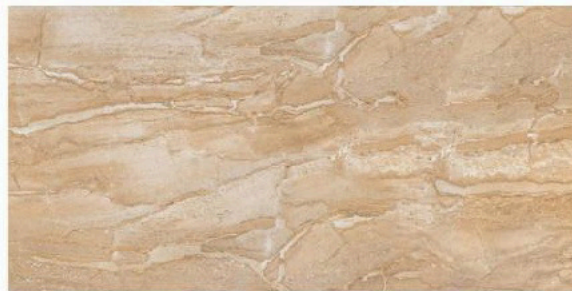
Soothing finesse



LAHN BROWN



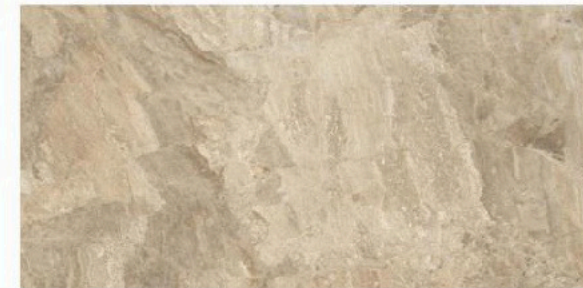
LAHN MARFIL



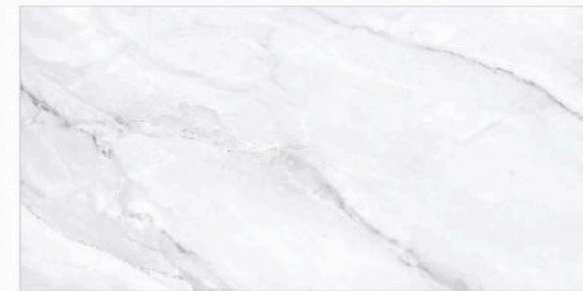
DAINA REAL



LAYRIA LIGHT



LAYRIA NATURAL



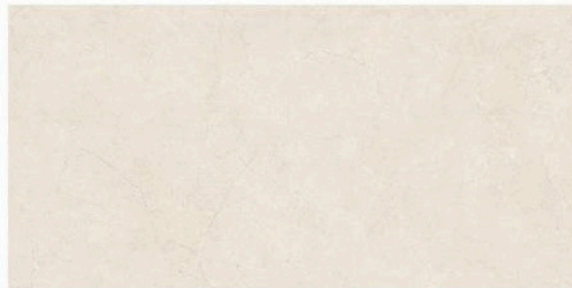
BIANCO CARRARA



Spectacular luster



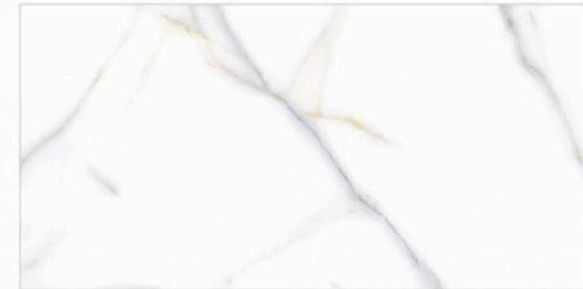
BOTTOCHINO BEIGE



LOFTY CREMA L



ROYAL SATURIO GREY



VENATO BIANCO



Mystic majesty



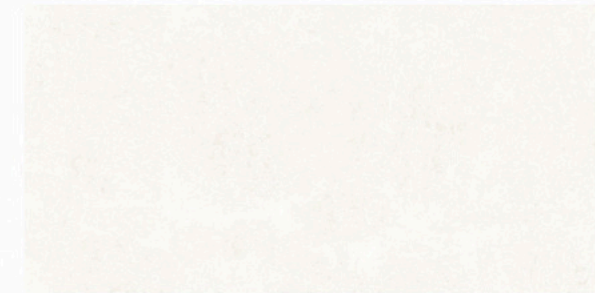
CARRARA SMOKE



ICE BERGE



LEMON ONYX



AACUT WHITE



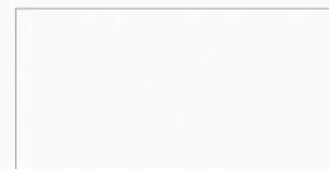


Enchanting sheen


Vogue

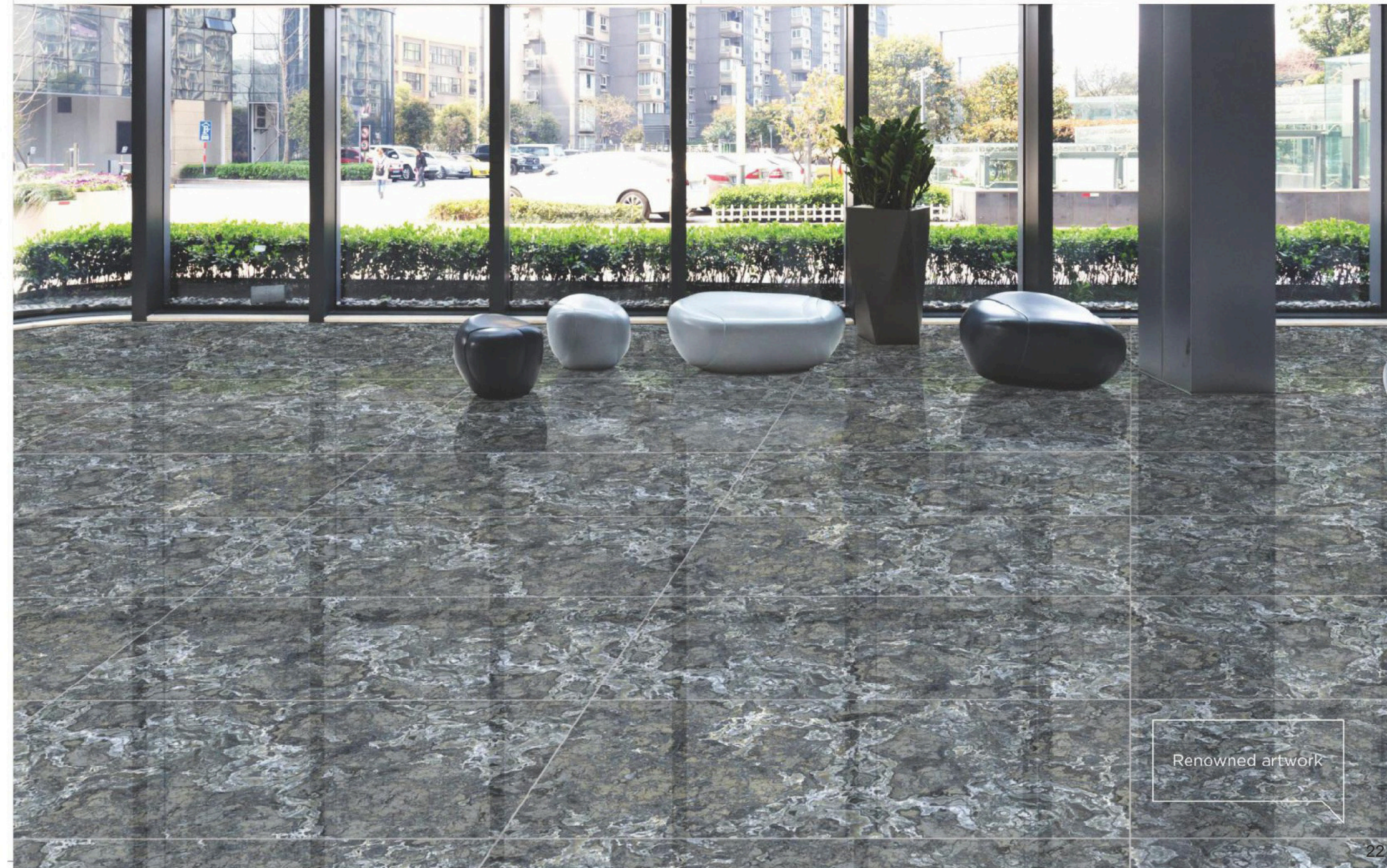
THE POLISHED LEGACY

HIGH GLOSS

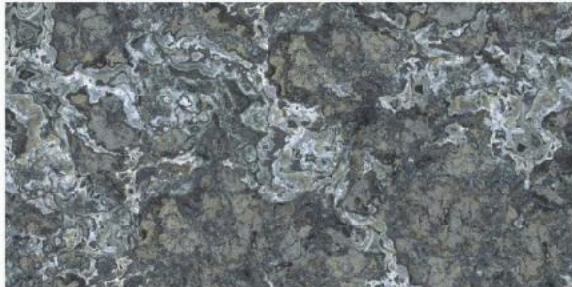


600x600
600x1200
800x800

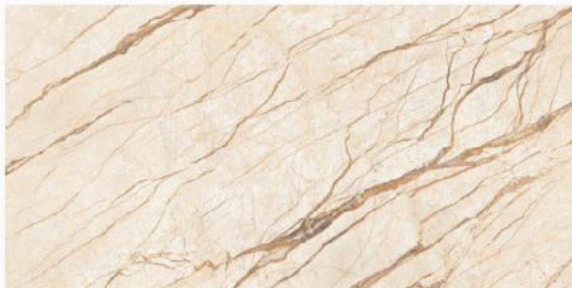
-  High Definition Printing
-  Digital Printing
-  Matt Finished
-  Random
-  Grout Recommended
-  Mica



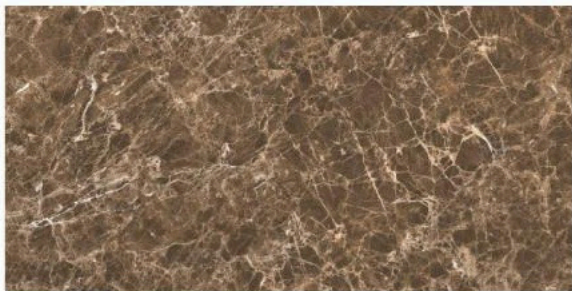
Renowned artwork



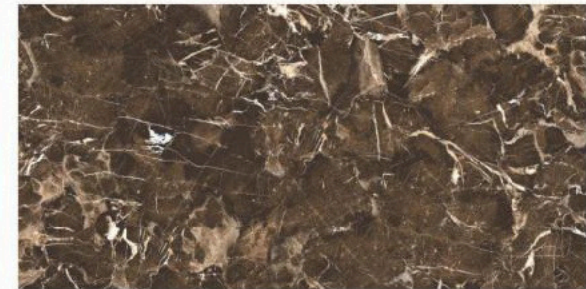
BAR STA BLUE



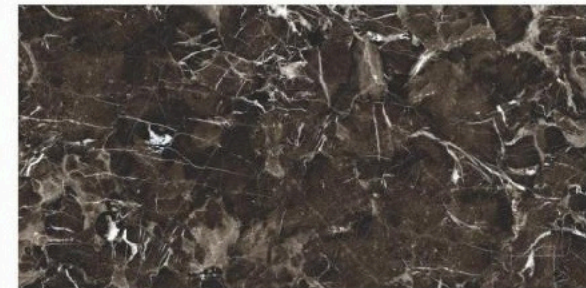
BRECCIA ARRORA



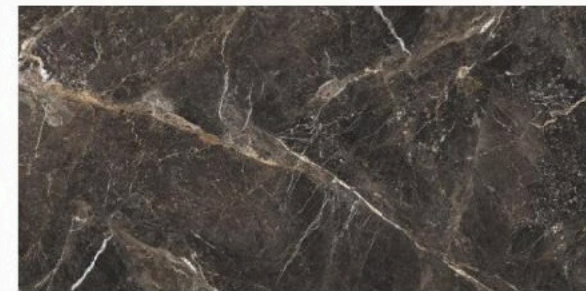
EMPRADORE NATUROCK



GREECE LEVENT



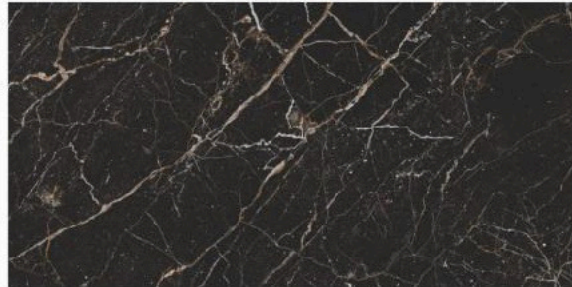
GREECE MORROCO



GRIGO CRONICO



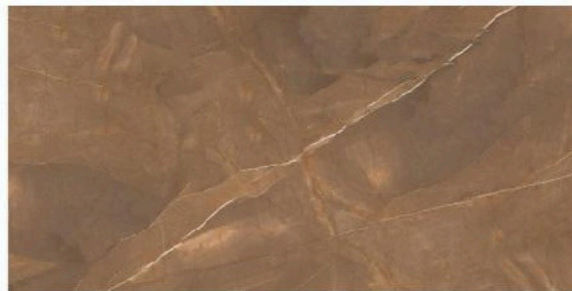
Adorable delicacy



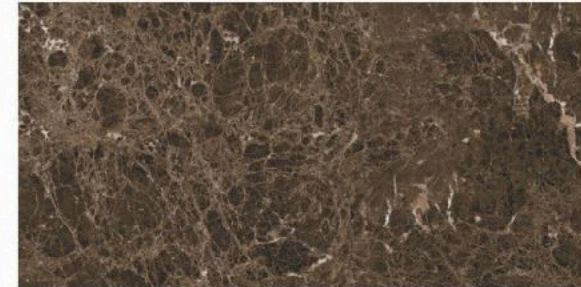
IRIS BLACK



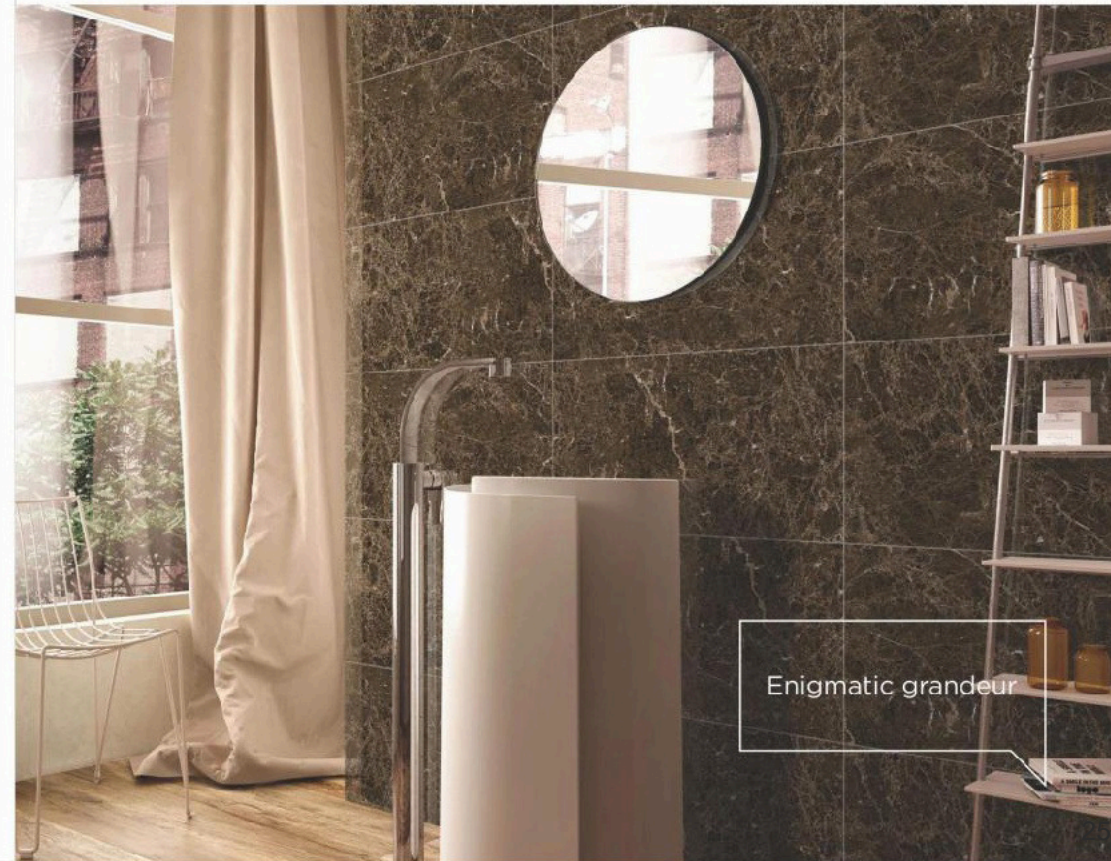
PULPIS OVA



PULPIS ROSALIA



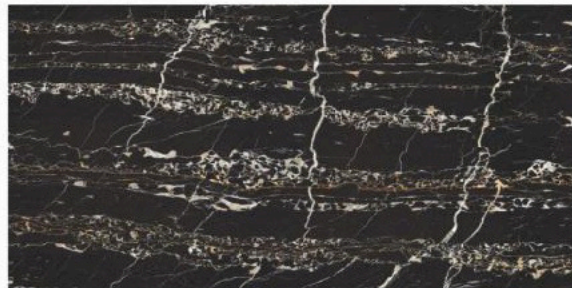
MAROON EMPRADORE



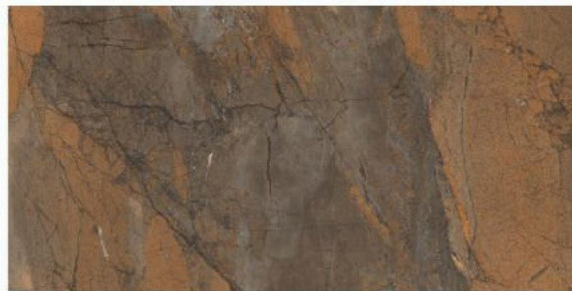
Enigmatic grandeur



SANTA AGATHA



SWISS BLACK



ZARCI BROWN



Enriching glamour



Perfect radiance

Cleaning

"AFTER-INSTALLATION" CLEANING

1. "After-installation" cleaning is compulsory, both for glazed and non-glazed tiles.
2. An after-installation cleaning carried out not accurately, or not carried out at all, often results in halos preventing the floor to be kept clean despite of a careful daily cleaning.
3. To ensure an optimal cleaning, the use of a single brush with suitable disks (green for structured/anti-slip surfaces, red for the others) is recommended.

4. CEMENTITIOUS GROUTS MIXED WITH WATER

To ensure an optimal cleaning, the use of a single brush with suitable disks (green for structured/anti-slip surfaces, red for the others) is recommended.

Residue to be removed	Cementitious grouts, slurry, cement, lime			
Detergent type	Acid-based			
Detergent name	KERANET	CEMENT REMOVER	DETERDEK	LITOCLEAN PLUS
Manufacturer	MAPEI	FABERCHIMICA	FILA	LITOKOL

For the use, follow the specific instructions by the manufacturers.

After performing the washing described above, it is necessary to wash with a basic or alkaline product namely a degreasing detergent (see point 5 of table). Acid washing can leave greasy marks on the floor, which tend to withhold dirt.

NOTE: for cementitious grouts with additives (latexes, resins, etc.), remove immediately with sponge and plenty of water. Then, treat the floor according to the instructions in points 3 and 4.

Always make preventive tests before the use (on a tile not laid yet), above all on lapped or polished products.

Do not carry out the "after-installation" cleaning if the tile temperature is high; in summer, clean during the fresher hours of the day.

5. EPOXY GROUTS

The removal must be carried out immediately and carefully with sponge and plenty of water, as these grouts harden very fast, even in a few minutes. The following day carry out a thorough cleaning with alkaline detergents; a few of them are indicated in the table below.

Operation	Thorough cleaning			
Detergent type	Alkali-based			
Detergent name	WAX REMOVER	PS 87	CIF Degreaser with bicarbonate	LITONET
Manufacturer	FABERCHIMICA	FILA	UNILEVER ITALIA	LITOKOL

For the use, follow the specific instructions by the manufacturers.

Cleaning

6. ANTI-SLIP SURFACES

Due to their special features, rough or structured anti-slip surfaces are harder to clean. After the grouting, it is important to remove the excesses in a short time and by frequent washing with sponge and water, till the floor is perfectly clean. Then, carry out an acid washing using a single brush with green disks.

DAILY CLEANING

Carry out the daily/routine cleaning with neutral detergents or degreasers, diluted in warm water, following the procedures indicated on the packages. The following products, which can be easily found on the market, are recommended.

Operation	Daily cleaning				
Detergent type	Neutral or degreaser				
Detergent name	GLASSEX degreaser	SMAC ULTRA degreaser	CIF Degreaser with bicarbonate	FLOOR CLEANER	FILA CLEANER
Manufacturer	RECKITT BENCKISER	BOLTON MANITOBA	UNILEVER ITALIA	FABERCHIMICA	FILA

EXTRAORDINARY CLEANING

It is carried out to remove very old or resistant stains or residues. The table below indicates detergents suitable for the stain type.

Residue to be removed	Coffee, coke, fruit juices, waxes, greases etc...	Wine	Calcareous deposits	Rust	Inks, felt pens	Tyres, rubber marks, stickers, metal or pencil marks						
Detergent type	Neutral or degreaser		Oxidizing	Acid-based	Acid-based	Thinner-based	Abrasive paste					
Detergent name	Coloured Stain Remover	PS 87	CIF Degreaser with bicarbonate	OXIDANT	VIAKAL	Diluted hydrochloric acid	Nitro thinner, trichloroethylene, turpentine	Coloured Stain Remover	VM CLOREX	POLISHING CREAM	DETERGUM	Eraser (for pencil marks only)
Manufacturer	RECKITT BENCKISER	FILA	UNILEVER ITALIA	FABERCHIMICA	PROCTER & GAMBLE	Several manufacturers	Several manufacturers	FABERCHIMICA	GUABER	FABERCHIMICA	ZEP ITALIA	-




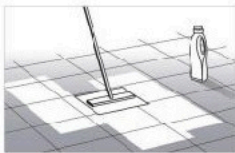
IMPORTANT: always make preventive tests before the use (on a tile not laid yet), above all on lapped or polished products.

Cleaning

Cleaning

REMOVAL OF WAXES OR POLISHING COATS

Do NOT use waxes on floor and wall tiles.

			
New floor that has been cleaned after installation in accordance to the instructions provided on the previous pages.	Detergents for routine cleaning that contain wax tend to deposit on the floor and create glossy films.	Simple substances (Coca Cola, wine, water, etc.) will remove this glossy film and give the floor its initial matt appearance.	To remove the glossy film, use a suitable detergent (undiluted Tile Cleaner by Faber). Daily cleaning should be performed using a detergent that does not contain wax.

Often, the standard detergents available on the market contain waxes or polishing additives that, washing after washing, deposit glossy coats on the floor causing halos and problems. This kind of coats can be deposited even by some grouts for joints. Simple agents such as coke, wine, water, etc... falling on the floor remove this glossy coat and restore the original duller look of the tiles. Amid a glossier floor, the areas without wax look like dull halos; instead, they are the only clean floor areas. In these cases, first of all the whole floor must be dewaxed, following the indications of the table below. Then, use the detergents of the table besides for the routine cleaning

Residue to be removed	Glossy coats left by detergents	
Detergent type	Acid-based	
Detergent name	VIACA_*	Pure TILE CLEANER *
Manufacturer	PROCTER & GAMBLE	FABERCHIMICA

(*) Do not follow the indications on the package, rather apply the pure detergent, leave it for 15-30 minutes, rub with soft or lightly abrasive pads (white, yellow, red), then rinse thoroughly with water

TECHNICAL SPECIFICATION			
Sr. No.	CHARACTERISTICS	STANDARD AS PER IS 15622:2006 GROUP BIA	MEAN VALUE OF VITRIFIED TILES
Regulatory Properties			
1	Deviation in length & width	±0.5 %	±0.1 %
2	Deviation in thickness	±5.0 %	±3.0 %
3	Straightness of sides	±0.5 %	±0.1 %
4	Rectrangularity	±0.5 %	±0.1 %
5	Surface Flatness	±0.5 %	±0.2 %
6	Colour difference	Unaltered	No Change
7	Glossiness	As per mfg.	above 95 Glossyness
Structural Properties			
8	Water absorption	<0.50 %	≤ 0.10 %
9	Apparent density	>2.0 g/cc	>210 g/cc
Massive Mechanical Properties			
10	Modulus Rupture	MIN 35 N/mm ²	MIN 40 N/mm ²
11	Impact resistance	As per mfg.	Min. 0.55
Surface Mechanical Properties			
12	Surface abrasion resistance	As per mfg.	Min Class 4 to 5
13	MOH's hardness	As per mfg.	Min 4 to 5
Thermo Hydrometric Properties			
14	Frost resistance	No Damage	No Damage
15	Thermal shock resistance	No Damage	No Damage
16	Moisture expansion	Nil	Nil
17	Crazing resistance	As per mfg.	Min. 10 Cycle
Chemical Properties			
18	Chemical resistance	No Damage	No Damage
19	Stain resistance	Resistance	Resistance
Safety Properties			
20	Fire resistance	As per mfg.	Fire proof

PACKING DETAILS					
Sr. No.	SIZE	Thickness	No of tiles/box	Coverage (sq.mtr/box)	Weight/box
1	600x1200mm	11mm	2 pcs	1.44 sq.mtr	35kg

Locations



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