



DIGITAL CATALOG
1200X1800MM



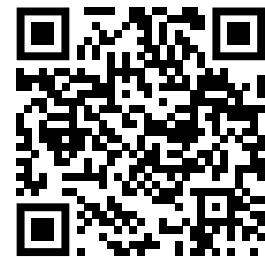
IS 15622



CM/L-7900112817



FACTORY
VIRTUAL TOUR _____



65K _____
SQ. MTRS LAND AREA

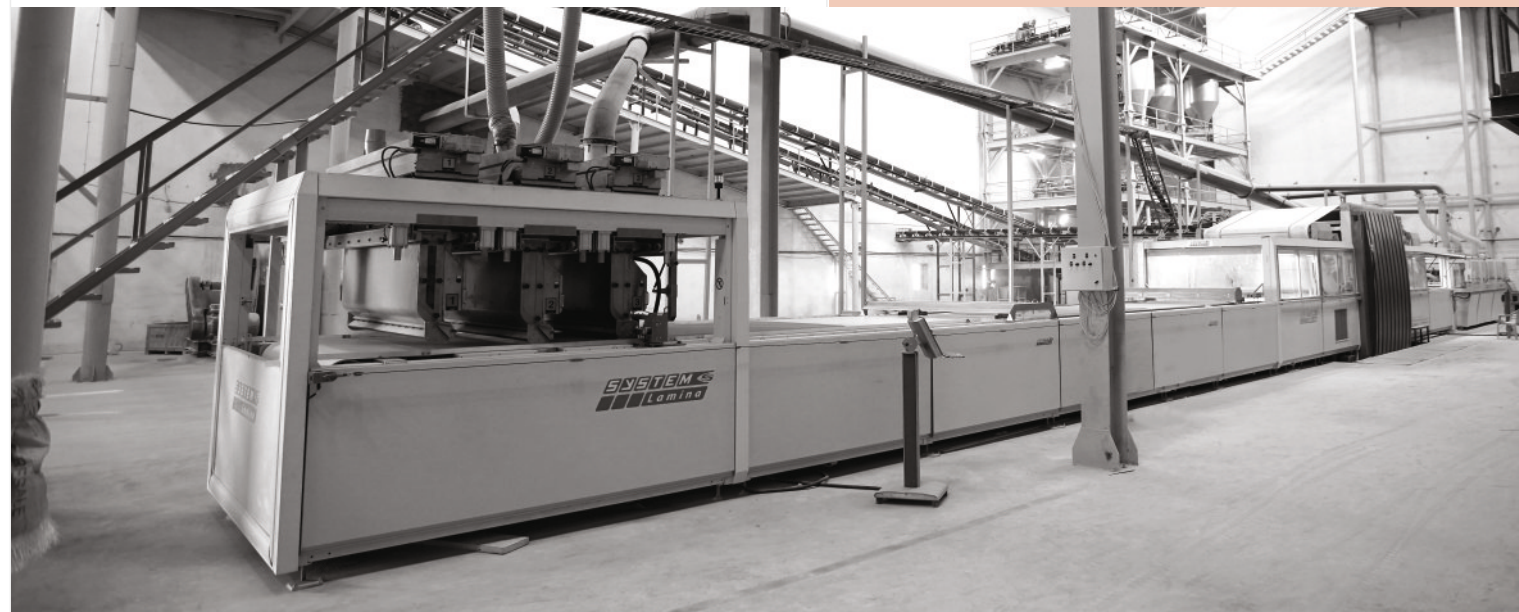
40K _____
SQ. MTRS BUILDING AREA

10K _____
SQ. MTRS OFFICE AREA

10M _____
SQ. MTRS PRODUCTION / YEAR

600+ _____
COMPANY EMPLOYEE

40+ _____
EXPORT IN COUNTRIES



INFINITE
POSSIBILITIES



1200X1800MM





WALL & FLOOR : ALPS STATUARIO - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



ALABANA BEIGE

RANDOM : 3



ALABANA GREY

RANDOM : 3



ALABANA SMOKE

RANDOM : 3



ALPS STATUARIO

RANDOM : 4



BURBERRY BEIGE

RANDOM : 2





WALL & FLOOR : ATLANTA GREY - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



AMANI BEIGE

RANDOM : 3



AMANI GREY

RANDOM : 3



AXI BEIGE

RANDOM : 3



ATLANTA GREY

RANDOM : 4



ATLANTA WHITE

RANDOM : 4





WALL : BRECCIA OYSTER - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



BURLY CREMA

RANDOM : 3



BURLY GREY

RANDOM : 3



BRECCIA AURORA

RANDOM : 3



BRECCIA CORN

RANDOM : 4



BRECCIA OYSTER

RANDOM : 4





FLOOR : COLUMBUS GREY - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

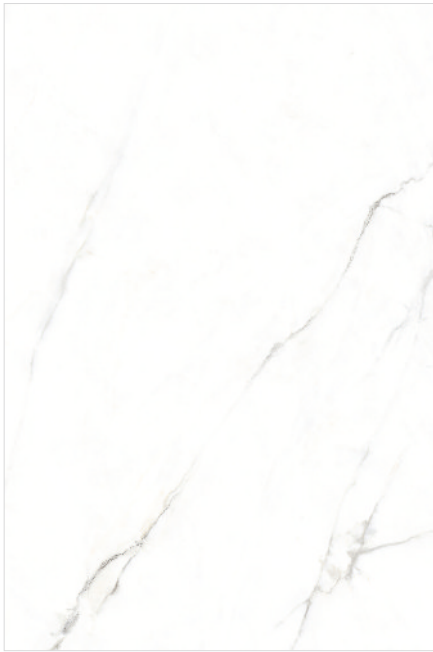
DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



CARENZA WHITE

RANDOM : 3



CLOUDY

RANDOM : 2



CAVALLO

RANDOM : 3



COLUMBUS BEIGE

RANDOM : 3



COLUMBUS GREY

RANDOM : 3





FLOOR : HONEY ONYX - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

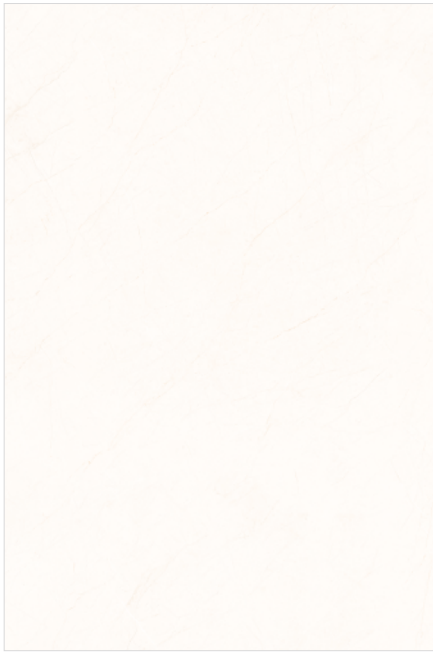
DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



ELEGANTE CREMA

RANDOM : 2



ELEGANTE MOCA

RANDOM : 2



HONEY ONYX

RANDOM : 3



ILLUSION GRIS

RANDOM : 4



MACAEL WHITE

RANDOM : 3





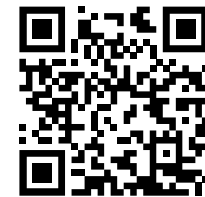
FLOOR : MALIBU BEIGE - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



MALIBU BEIGE

RANDOM : 2



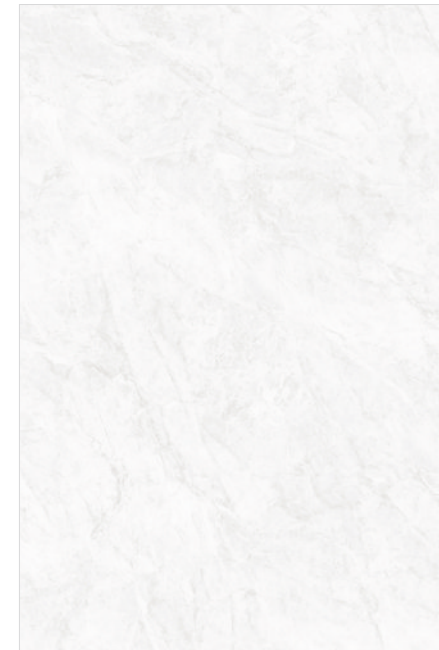
MALIBU GRIS

RANDOM : 2



MARCUS GREY

RANDOM : 2



MERLINES GRIS

RANDOM : 4



MERQURY BIANCO

RANDOM : 2





WALL & FLOOR : NEBULA BRONZE - HIGH GLOSS

TECHNICAL
DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

DIGITAL
PRESENTATION

- 1. RANDOM DETAILS
- 2. 3D PREVIEW
- 3. 360 WALKTHROUGH



MODENA
GRIS

RANDOM : 4



NEBULA
BRONZE

RANDOM : 2



NORDIC
GRIGIO

RANDOM : 4



NOVELLA
GRIS

RANDOM : 3



PICASSO
GRIS

RANDOM : 2





WALL : SAND GREY - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

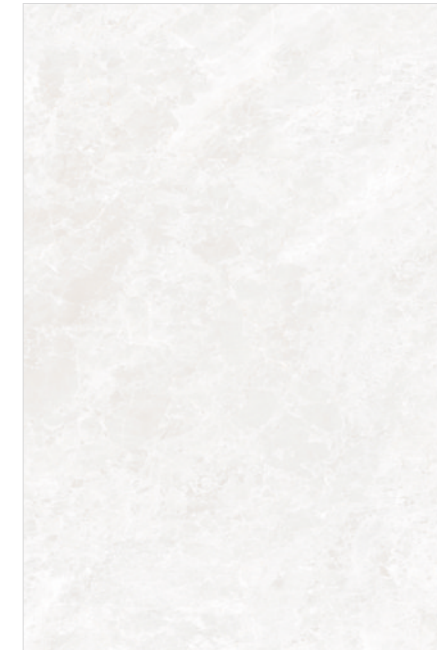
DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



RIVER EDGE

RANDOM : 2



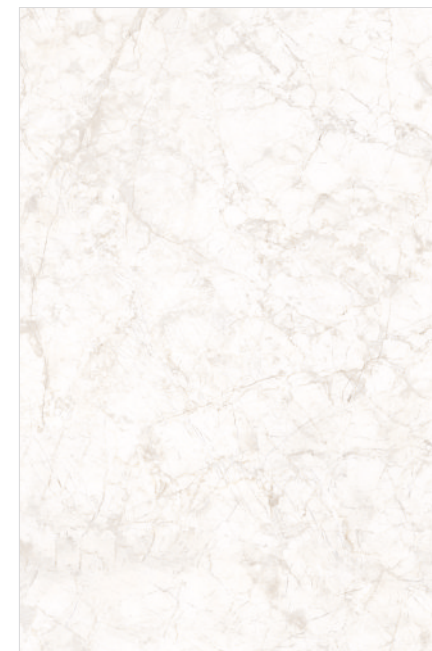
ROLEX BIANCO

RANDOM : 3



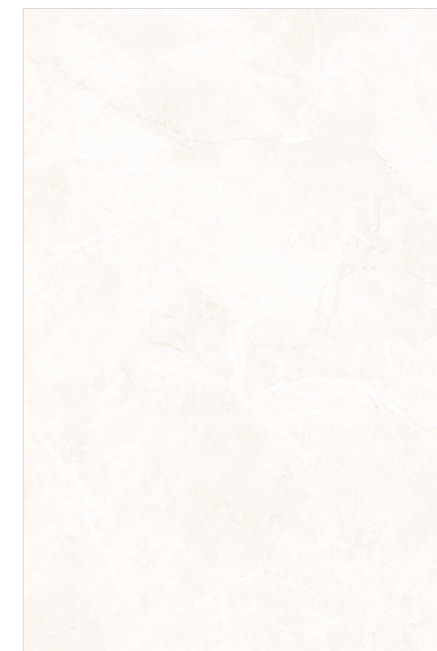
SAND GREY

RANDOM : 2



SILKEN PEARL

RANDOM : 3



SPIDER GREY

RANDOM : 3





WALL & FLOOR : SILVER STONE GREY - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : EGLOSS
FINISH : HIGH GLOSS

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



SILVER ROOT GREY

RANDOM : 4



SILVER STONE GREY

RANDOM : 4



THUNDER ASH

RANDOM : 3



VALETTA GREY

RANDOM : 2





WALL : DUNE WHITE - HIGH GLOSS
 FLOOR : DUNE WHITE - DIGI MATT

**TECHNICAL
 DETAILS**

SIZE : 1200X1800MM
 THICKNESS : 9MM
 SERIES : SPECTRA - EGLOSS
 FINISH : HIGH GLOSS
 BODY : WHITE BODY

**DIGITAL
 PRESENTATION**

- 1. RANDOM DETAILS
- 2. 3D PREVIEW
- 3. 360 WALKTHROUGH



**CASPER
 WHITE**

RANDOM : 2



**DUNE
 WHITE**

RANDOM : 4



SIGNORA

RANDOM : 4



**STATUARIO
 CRETE**

RANDOM : 3





FLOOR : ELEGANTE GREY - HIGH GLOSS

Emcer[®]
MARMO DI CERAMICHE

éSLAB
crafted differently

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - EGLOSS
FINISH : HIGH GLOSS
BODY : GREY BODY

DIGITAL PRESENTATION

1. RANDOM DETAIL
2. 3D PREVIEW
3. 360 WALKTHROUGH



ELEGANTE GREY

RANDOM : 2



REPEN GREY

RANDOM : 3



REPEN SMOKE

RANDOM : 3





FLOOR : CAVALLO - CARVING

**TECHNICAL
DETAILS**

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : BLEND
FINISH : CARVING

**DIGITAL
PRESENTATION**

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



**ATLANTA
GREY**

RANDOM : 4



CAVALLO

RANDOM : 3



**DINNANT
BROWN**

RANDOM : 3



**ROSALIA
BEIGE**

RANDOM : 4



**ROSALIA
GREY**

RANDOM : 4





WALL & FLOOR : RESINA CREMA - CARVING

TECHNICAL
DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : BLEND
FINISH : CARVING

DIGITAL
PRESENTATION

- 1. RANDOM DETAILS
- 2. 3D PREVIEW
- 3. 360 WALKTHROUGH



EMPIRE
BEIGE

RANDOM : 2



SIGNORA

RANDOM : 4



RESINA
GREY

RANDOM : 3



RESINA
CREMA

RANDOM : 3



RESINA
SMOKE

RANDOM : 3





FLOOR - TORTONA CREMA - CARVING

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : BLEND
FINISH : CARVING

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



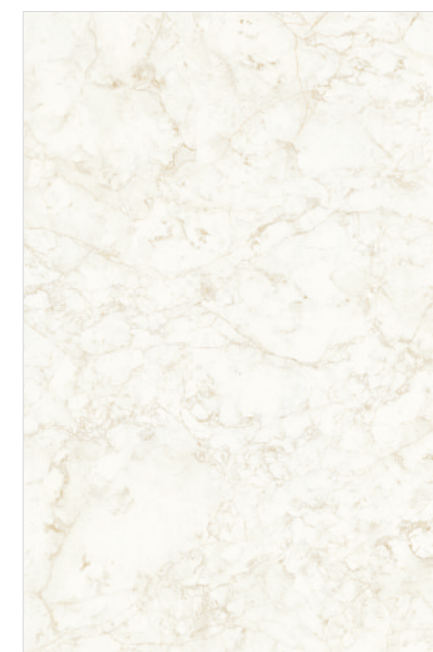
TORTONA CREMA

RANDOM : 2



VENEZIA GOLD

RANDOM : 3



VISIONER GREY

RANDOM : 2





FLOOR : ATLANTA WHITE - BABY SKIN

TECHNICAL
DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : FEEL
FINISH : BABY SKIN

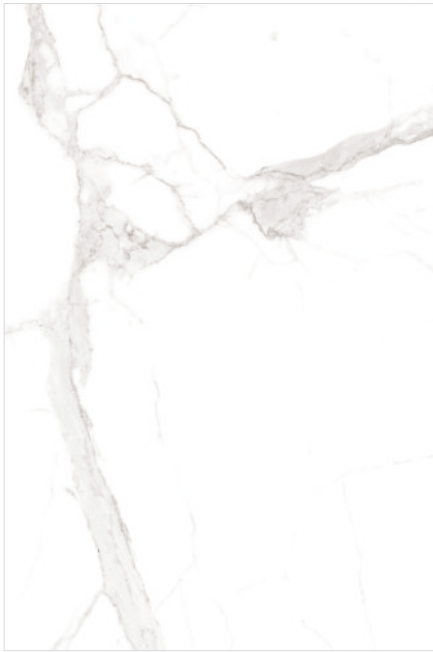
DIGITAL
PRESENTATION

- 1. RANDOM DETAILS
- 2. 3D PREVIEW
- 3. 360 WALKTHROUGH



ALPS
STATUARIO

RANDOM : 4



ATLANTA
WHITE

RANDOM : 4



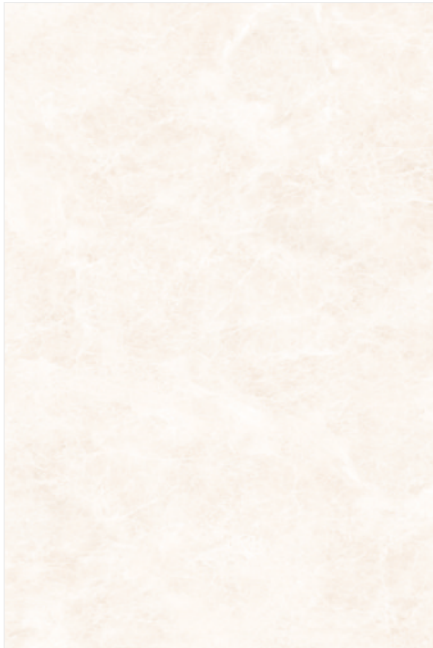
BRECCIA
AURORA

RANDOM : 3



CLOUDY

RANDOM : 2



LIGHT
SPIDER

RANDOM : 3





FLOOR : MACAEL WHITE - BABY SKIN

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : FEEL
FINISH : BABY SKIN

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



ROSALIA BEIGE

RANDOM : 4



MACAEL WHITE

RANDOM : 3



SPIDER GREY

RANDOM : 3





FLOOR : CONCRETE CREMA - DIGI MATT

TECHNICAL
DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : STONIC
FINISH : DIGI MATT

DIGITAL
PRESENTATION

- 1. RANDOM DETAILS
- 2. 3D PREVIEW
- 3. 360 WALKTHROUGH



CONCRETE
CREMA

RANDOM : 2



CONCRETE
CHOCO

RANDOM : 2



CONCRETE
GREY

RANDOM : 2



CONCRETE
SMOKE

RANDOM : 2



CONCRETE
NERO

RANDOM : 2





FLOOR : STATUARIO CRETE - DIGI MATT

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - STONIC
FINISH : DIGI MATT
BODY : WHITE BODY

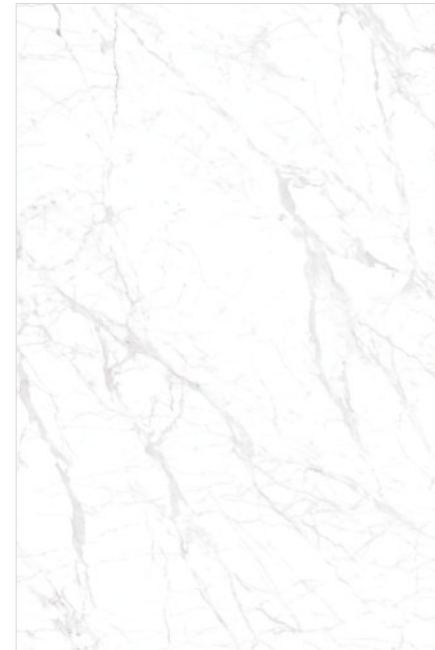
DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



CASPER WHITE MATT

RANDOM : 2



DUNE WHITE MATT

RANDOM : 4



STATUARIO CRETE MATT

RANDOM : 3



SIGNORA MATT

RANDOM : 4





WALL & FLOOR : REPEN GREY - DIGI MATT

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - STONIC
FINISH : DIGI MATT
BODY : GREY BODY

DIGITAL PRESENTATION

1. RANDOM DETAIL
2. 3D PREVIEW
3. 360 WALKTHROUGH



ELEGANTE GREY MATT

RANDOM : 2



REPEN SMOKE MATT

RANDOM : 3



REPEN GREY MATT

RANDOM : 3





FLOOR : AOSTA GREY - FAUX FINISH

TECHNICAL
DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : FAUX
FINISH : FAUX FINISH

DIGITAL
PRESENTATION

- 1. RANDOM DETAILS
- 2. 3D PREVIEW
- 3. 360 WALKTHROUGH



AOSTA
GREY

RANDOM : 2



CALACATTA
PHEONIX

RANDOM : 4



COMO
WHITE

RANDOM : 3



LACK
BEIGE

RANDOM : 2



MARINO
ICE

RANDOM : 2





FLOOR : ROME GOLD - FAUX FINISH

TECHNICAL
DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : FAUX
FINISH : FAUX FINISH

DIGITAL
PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



MATERA
GREY

RANDOM : 4



ROME
GOLD

RANDOM : 3



POTENZA
ICE

RANDOM : 3



POTENZA
MOCA

RANDOM : 3





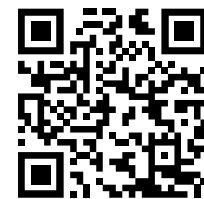
WALL : ATOM GREY - HIGH GLOSS
FLOOR : ATOM WHITE - HIGH GLOSS

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - ATOM
FINISH : POLISHED
BODY : FULL BODY

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



ATOM WHITE



ATOM BLACK



ATOM GREY



ATOM WALNUT





FLOOR : IONIC UNI DARK GREY - POLISHED

TECHNICAL
DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - IONIC
FINISH : POLISHED
BODY : FULL BODY

DIGITAL
PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



IONIC
UNI CREMA



IONIC
UNI GREY



IONIC
MULTI WHITE



IONIC
UNI DARK GREY



IONIC
UNI BLACK





FLOOR : ICE BRUNO - POLISHED

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - ICE
FINISH : POLISHED
BODY : FULL BODY

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



ICE BERG



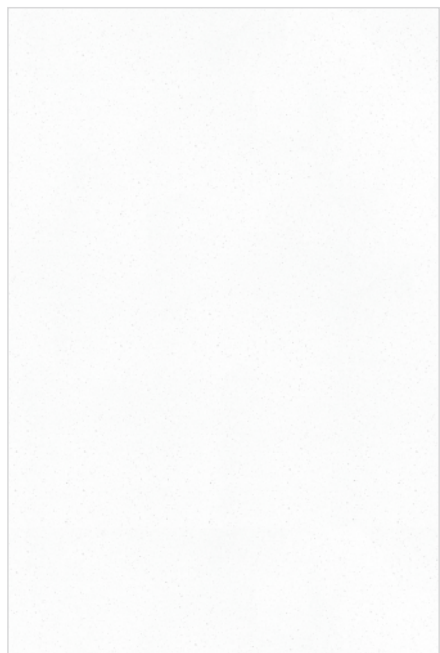
ICE BRUNO



ICE COSMIC



ICE FROST





FLOOR : ICE WHITE - POLISHED

Emcer[®]
MARMO DI CERAMICHE

éSLAB
crafted differently

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - ICE
FINISH : POLISHED
BODY : FULL BODY

DIGITAL PRESENTATION

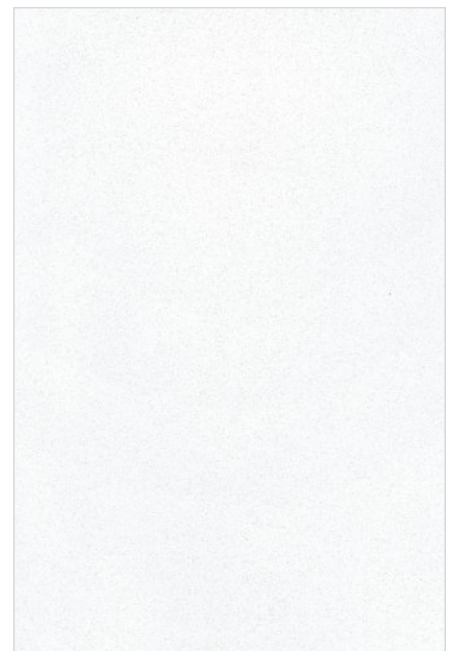
1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



ICE WHITE



ICE LAND





WALL & FLOOR : COSMIC TROPICANA - POLISHED

TECHNICAL
DETAILS

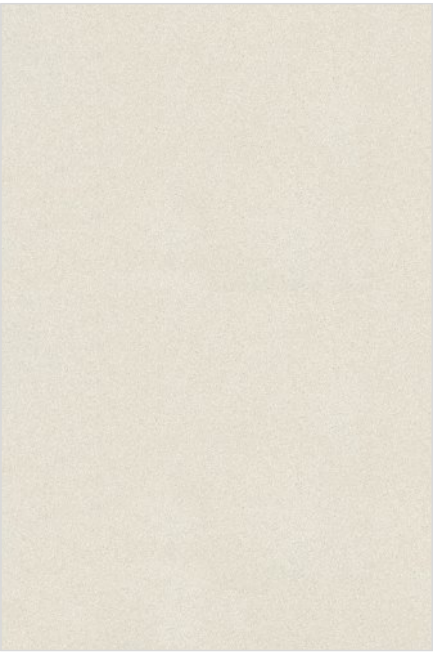
SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - COSMIC
FINISH : POLISHED
BODY : FULL BODY

DIGITAL
PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



COSMIC
TROPICANA





FLOOR : ATOM BLACK MATT - DIGI MATT

TECHNICAL DETAILS

SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - ATOM
FINISH : MATT
BODY : FULL BODY

DIGITAL PRESENTATION

1. RANDOM DETAILS
2. 3D PREVIEW
3. 360 WALKTHROUGH



ATOM WHITE MATT



ATOM BLACK MATT



ATOM GREY MATT



ATOM WALNUT MATT





WALL & FLOOR : EXOTIC GREY - DIGI MATT

TECHNICAL
DETAILS

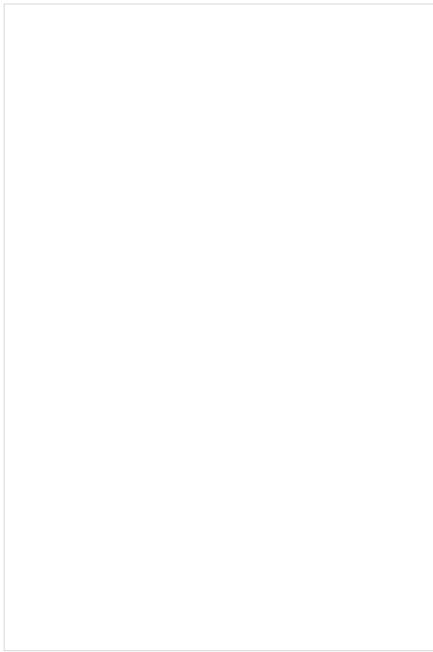
SIZE : 1200X1800MM
THICKNESS : 9MM
SERIES : SPECTRA - EXOTIC
FINISH : MATT
BODY : COLOR BODY

DIGITAL
PRESENTATION

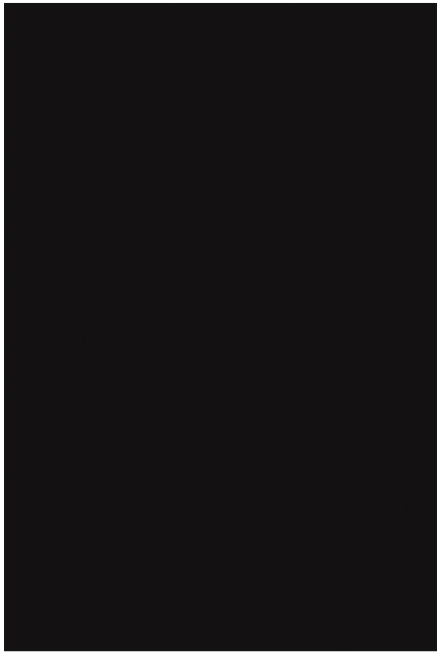
- 1. RANDOM DETAILS
- 2. 3D PREVIEW
- 3. 360 WALKTHROUGH



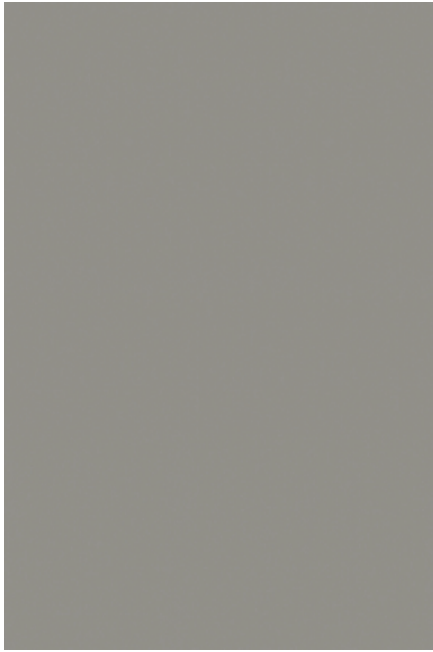
EXOTIC
WHITE



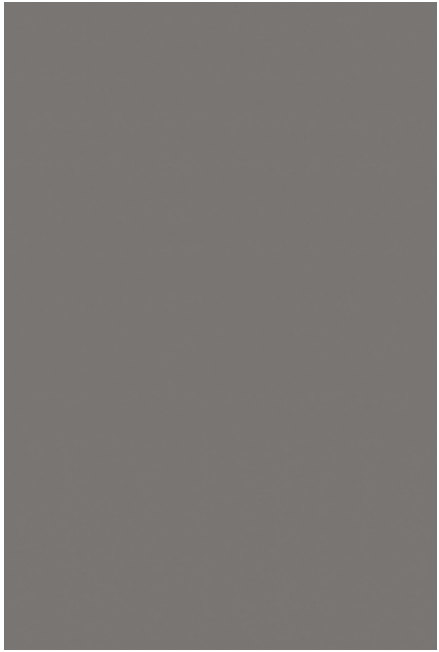
EXOTIC
BLACK



EXOTIC
GREY



EXOTIC
DARK GREY



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.

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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.

ESLAB 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, Emcer 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.)
1200X1800MM	9MM	2	46.50	91 KGS.

CERTIFICATIONS



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.



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