

MADE IN INDIA
SINCE 1977



Simpolo Vitrified Private Limited

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TILES & SANITARYWARE

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TERRADURO COLLECTION

60 x 120 cm

PORCELAIN TILES



Dekhte reh jaoge

DISCOVER THE NEW
AGE OF
ORIGINALITY WITH
SURFACES THAT
RESONATE WITH
EXCLUSIVITY AND
INSPIRE
CONVERSATIONS.

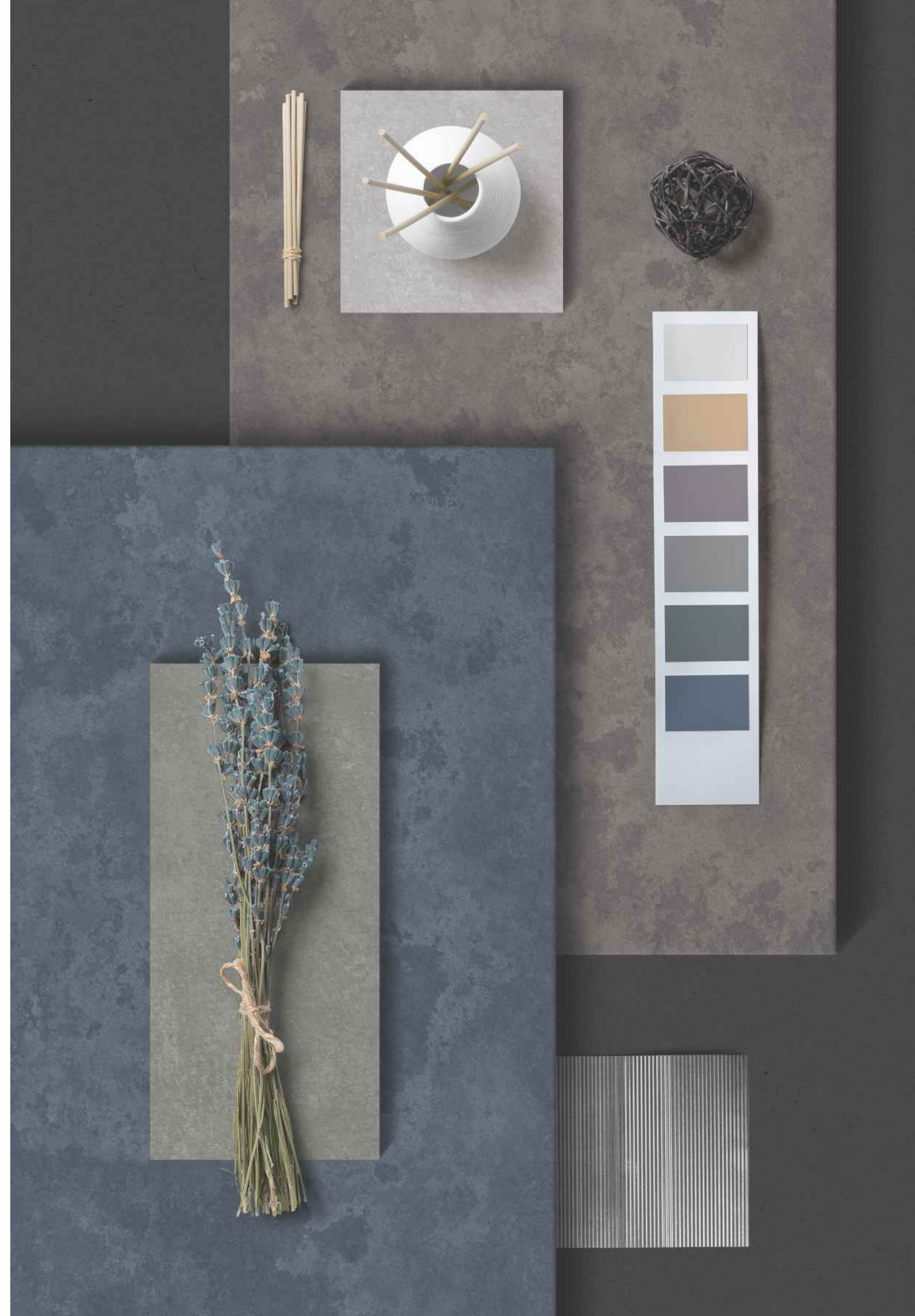


TERRADURO INNOVATION

Terraduro is an exclusive collection of surfaces that corresponds with your vision and speaks your mind for contemporary spaces rich in texture, elegance, and timeless style. The collection pools a variety of design styles for a palette that satiates your longing for spaces exclusive to all.

The collection with the touch of the extraordinary delivers you an experience that takes a zen departure from the ornate decor and delivers you spaces intimate, personal, and inspiring. Discover the impeccable experience that resides on every surface of the collection and have your spaces your way!

Designed exclusively for
'TERRA' and 'AQUARA' dealers' segments.



THE CARVING EFFECT BECOMES THE ABSOLUTE STAR AND CHANGES THE PERCEPTION OF A SPACE WITH ITS MAGNETIC APPEAL.

COLLECTION INTRODUCTION

Combining spaces, volumes, materials and colors in a harmonious and synergistic way, we create the Terraduro collection with matt carving that enhances harmoniously every single detail of any space.

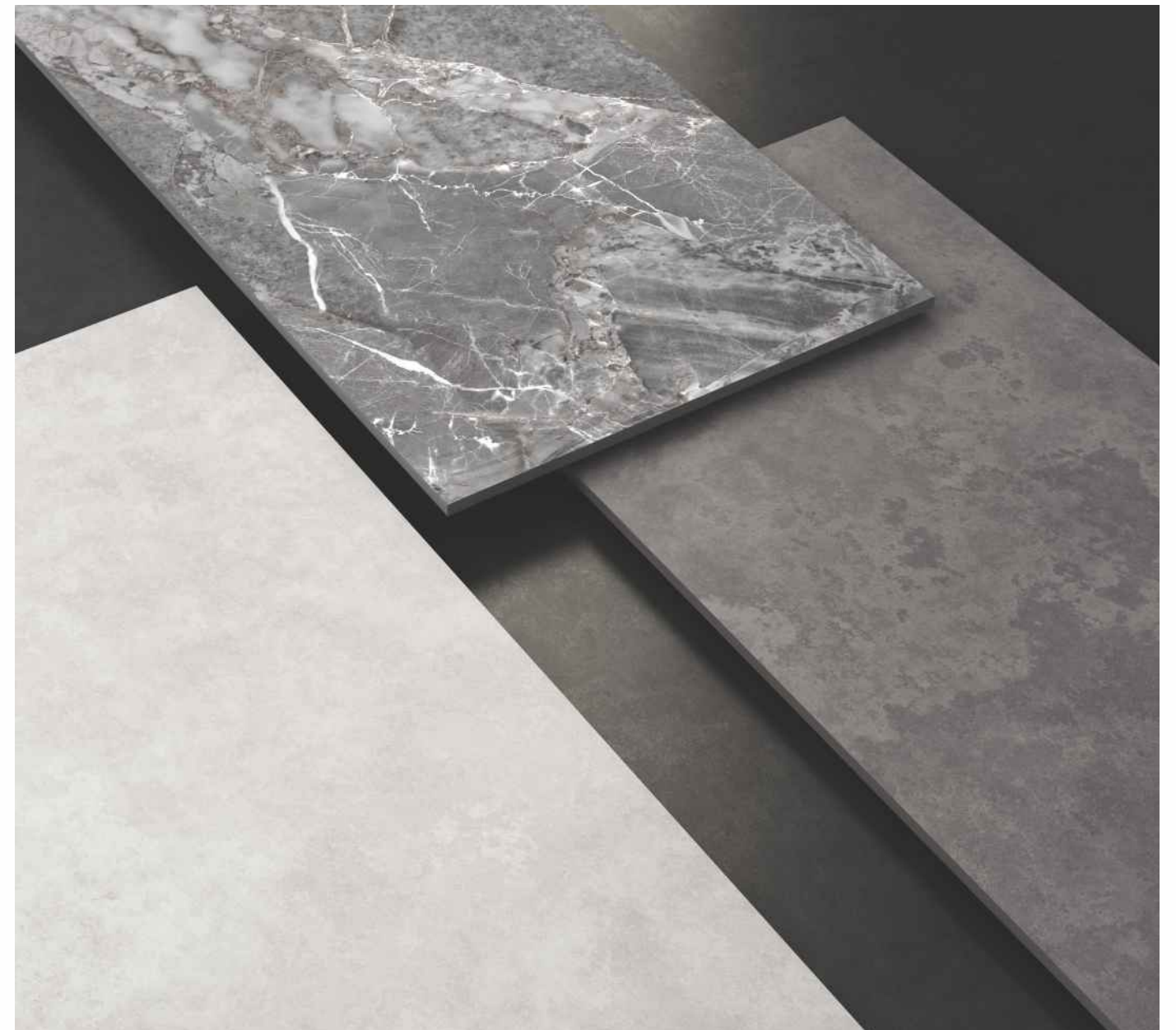
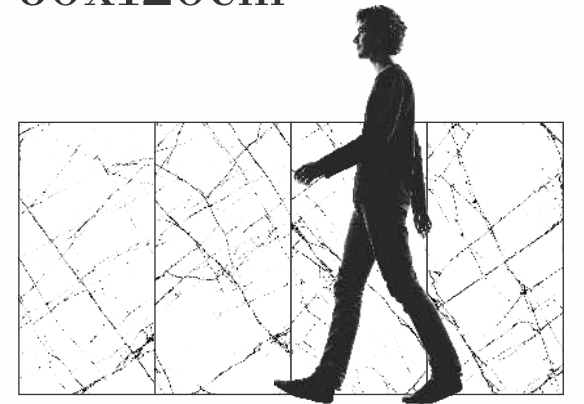
Technical designs, aesthetic study, the pursuit of stylistic trends have always been a central concern to us. With this in mind,

we created this collection with a high degree of attention to detail that makes your space stand out with the extraordinary finesse of matt finish. The indissoluble carving effect reveals a dynamic and innovative design vision with the precision of the patterns of the tiles.

Surface
Matt Carving

Thickness
8.5mm

Size
60x120cm





TERRADURO RAW

At Simpolo, we believe in delivering experiences unparalleled and efficient and the Terraduro Raw is a surface experience unprecedented.

The Raw surfaces are a reinterpretation of contemporary elegance with their rustic look which can never go unnoticed. A window to the future, the collection is doubtlessly contemporary, minimal, and yet remarkable to help you craft spaces truly modern and noteworthy.



WALL VELVET CREAM 60x120cm
FLOOR VELVET TERRA 60x120cm

TERRADURO COLLECTION
RAW SERIES

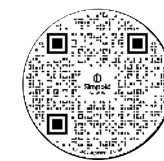


WALL VELVET CREAM 60x120cm

TERRADURO COLLECTION
RAW SERIES



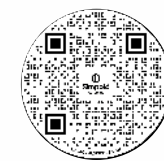
VELVET CREAM
Random face - 6



Scan for Virtual
360°



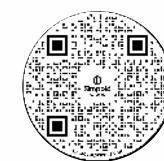
VELVET BEIGE
Random face - 6



Scan for Virtual
360°



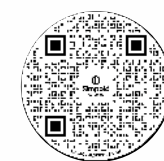
VELVET SLATE
Random face - 6



Scan for Virtual
360°



VELVET TERRA
Random face - 6



Scan for Virtual
360°

60x
120cm

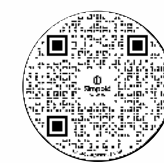
THICKNESS: 8.5 mm
SURFACE: Matt



WALL VELVET DOVE 60x120cm
FLOOR VELVET GREY 60x120cm



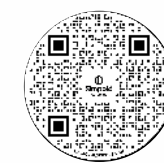
VELVET DOVE
Random face - 6



Scan for Virtual
360°



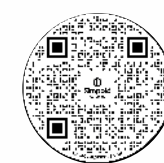
VELVET GREY
Random face - 6



Scan for Virtual
360°



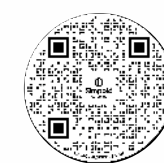
VELVET KOTA
Random face - 6



Scan for Virtual
360°



VELVET NAVY
Random face - 6



Scan for Virtual
360°

60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt



WALL DURO KHAKHI 60x120cm
FLOOR DURO KHAKHI 60x120cm

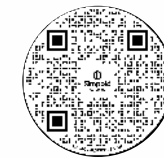
TERRADURO COLLECTION
RAW SERIES



WALL DURO KHAKHI 60x120cm
FLOOR DURO KHAKHI 60x120cm



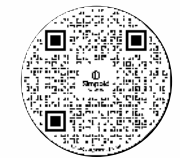
DURO CREAM
Random face - 5



Scan for Virtual
360°



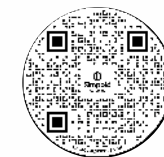
DURO BEIGE
Random face - 5



Scan for Virtual
360°



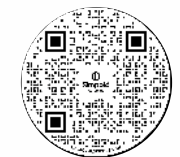
DURO KHAKHI
Random face - 5



Scan for Virtual
360°



DURO ORANGE
Random face - 5



Scan for Virtual
360°

60x
120cm

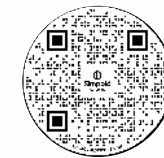
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SURFACE: Matt

TERRADURO COLLECTION
RAW SERIES

WALL DURO DOVE 60x120cm
FLOOR DURO KOTA 60x120cm



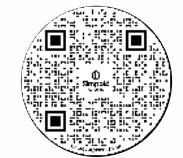
DURO DOVE
Random face - 5



Scan for Virtual
360°



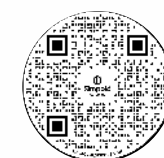
DURO GREY
Random face - 5



Scan for Virtual
360°



DURO KOTA
Random face - 5



Scan for Virtual
360°



DURO ASH
Random face - 5



Scan for Virtual
360°

60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt



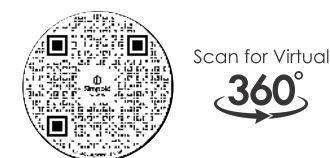
FLOOR CAST RUST 60x120cm



CAST RUST
Random face - 6



CAST MINT
Random face - 6



CAST NAVY
Random face - 6



60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt

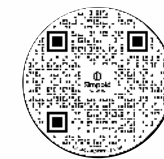


FLOOR WOOD NATURAL 60x120cm

TERRADURO COLLECTION
RAW SERIES



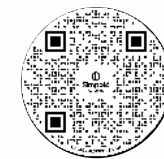
WOOD NATURAL
Random face - 6



Scan for Virtual
360°



WOOD BROWN
Random face - 6



Scan for Virtual
360°

60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt



TERRADURO ENDLESS

Experiences are crafted and the unmatched experience of luxury is a forte at Simpolo and the same is brought to you in the Terraduro Endless Series.

Plunge into an unrestrained luxury that extends into your spaces endlessly with the superior surfaces of the exclusive endless collection. A true expression of luxury with finer details of the carving on a matt surface the collection is inspired by the eminence of the natural marble and crafted into designs that stretch endlessly irrespective of the tile placement.



FLOOR EMPER GREY 60x120cm

TERRADURO COLLECTION
ENDLESS SERIES

TERRADURO COLLECTION
ENDLESS SERIES



FLOOR EMPER GREY 60x120cm



EMPER CREAM



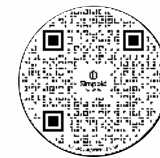
6 Piece Endless



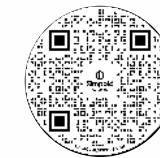
EMPER GREY



6 Piece Endless



Scan for Virtual
360°



Scan for Virtual
360°



MYSTIC BROWN



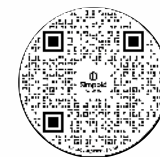
3 Piece Endless



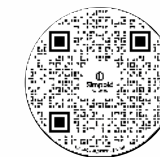
MYSTIC GREY



3 Piece Endless



Scan for Virtual
360°



Scan for Virtual
360°

60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt Carving



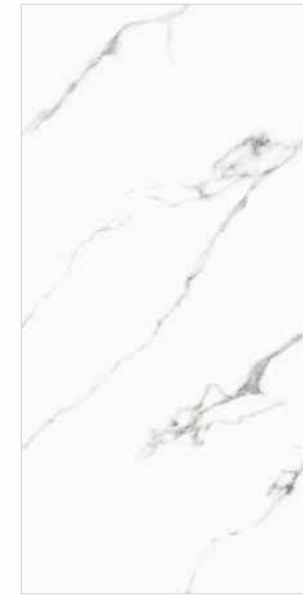
JOINT
TOLERANCE
0-3mm



INSTALL TILES
AS PER MARKED
ARROW

TERRADURO COLLECTION
ENDLESS SERIES

FLOOR CARRARA ZEAL 60x120cm



STATUARIO LITE



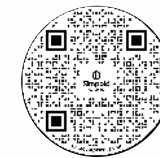
4 Piece Endless



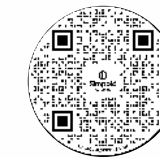
STATUARIO SPIKE



4 Piece Endless



Scan for Virtual
360°



Scan for Virtual
360°



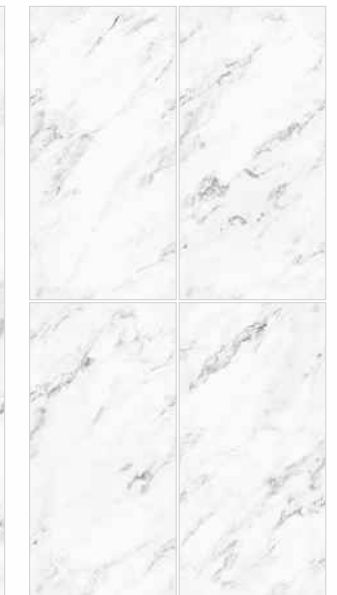
CARRARA ZEAL



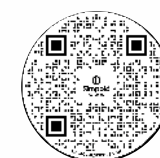
4 Piece Endless



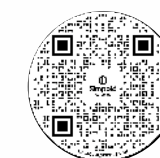
BIANCO VIOLA



6 Piece Endless



Scan for Virtual
360°



Scan for Virtual
360°

60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt Carving



JOINT
TOLERANCE
0-3mm



INSTALL TILES
AS PER MARKED
ARROW



FLOOR EMFLEX GREY 60x120cm

TERRADURO COLLECTION
ENDLESS SERIES



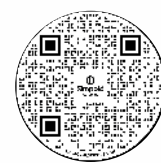
FLOOR EMFLEX GREY 60x120cm



PISSATO CREAM



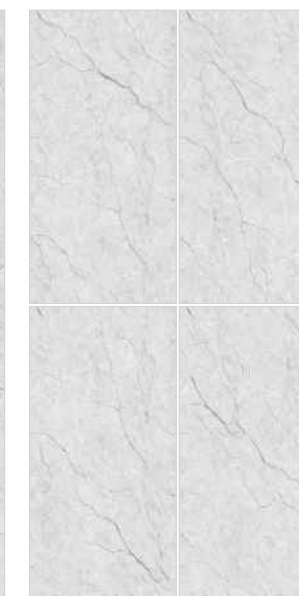
4 Piece Endless



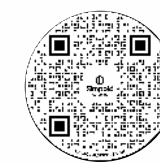
Scan for Virtual
360°



COPA GREY



4 Piece Endless



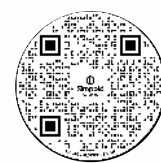
Scan for Virtual
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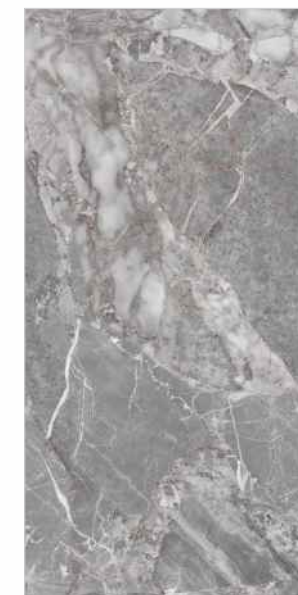
EMFLEX GREY



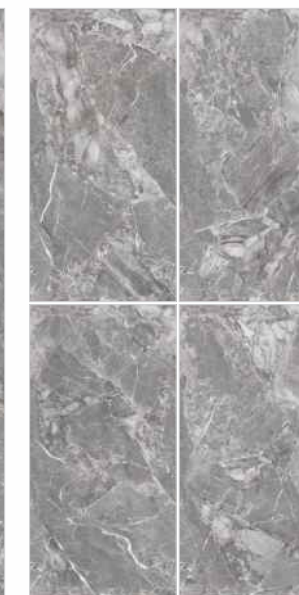
4 Piece Endless



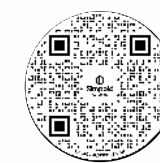
Scan for Virtual
360°



GLAM GREY



4 Piece Endless



Scan for Virtual
360°

60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt Carving

JOINT
TOLERANCE
0-3mm

INSTALL TILES
AS PER MARKED
ARROW

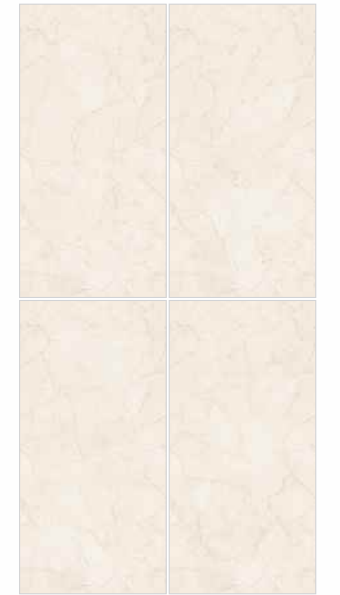


FLOOR ROSSO BROWN 60x120cm

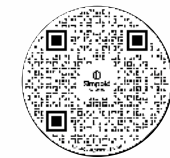
TERRADURO COLLECTION
ENDLESS SERIES



MARFIL TOAST



4 Piece Endless



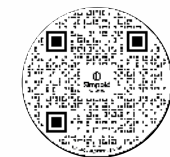
Scan for Virtual
360°



ROSSO BROWN



4 Piece Endless



Scan for Virtual
360°



JOINT
TOLERANCE
0-3mm



INSTALL TILES
AS PER MARKED
ARROW



60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt Carving



TERRADURO CLASSIC

Keeping things relevant for years is the hardest part and the same is achieved effortlessly at Simpolo with its collection of timelessly classic series.

The Classic Series of the Terraduro Collection are where the paths from present and future cross and coexist. The timeless collection features surfaces that stay unaffected by time and trends and stays relevant across eras. Designed for an elevated experience the classic series in urban matt carving finish is a feat for contemporary spaces seeking refreshing and classic accents.



FLOOR LAVA CREAM 60x120cm

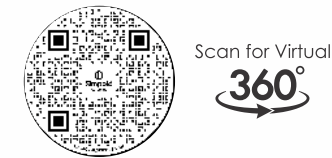
TERRADURO COLLECTION
CLASSIC SERIES

TERRADURO COLLECTION
CLASSIC SERIES

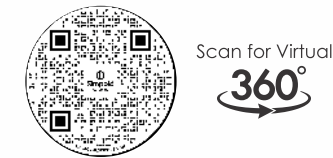
WALL ARIAL BROWN 60x120cm
FLOOR ARIAL BROWN 60x120cm



SERENE CREAM
Random face - 5



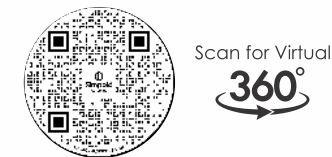
REGENTA SAND
Random face - 4



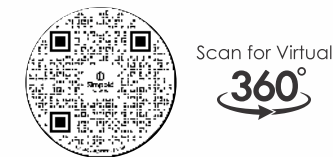
LAVA CREAM
Random face - 5



ARMANI PEACH
Random face - 6



COSMO BROWN
Random face - 4



ARIAL BROWN
Random face - 4



60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt Carving

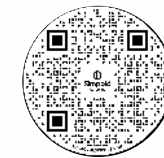


WALL PALISSANDRO 60x120cm
FLOOR PALISSANDRO 60x120cm

TERRADURO COLLECTION
CLASSIC SERIES



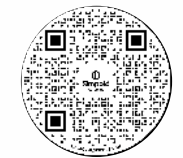
WILD BEIGE
 Random face - 4



Scan for Virtual
360°



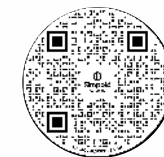
WILD GEY
 Random face - 4



Scan for Virtual
360°



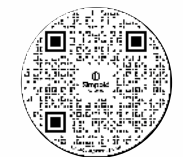
BRES GREY
 Random face - 6



Scan for Virtual
360°



PALISSANDRO
 Random face - 5



Scan for Virtual
360°

60x
120cm

THICKNESS: 8.5 mm
SURFACE: Matt Carving

COMMONLY AFFECTED STAINS GUIDANCE

For highly aggressive cleaning caused by some common food and substances, follow the table below.

SR. NO.	SUBSTANCES	NANO TREATED SURFACE	REGULAR SURFACE
A. DOMESTIC AREA			
1	GREEN VEGETABLE STAIN	WET COTTON CLOTH	MILD DETERGENT
2	FRUIT STAIN	WET COTTON CLOTH	MILD DETERGENT
3	DAL-SAMBHAR	WET COTTON CLOTH	CITRIC ACID/NIMBU
4	CURRY	WET COTTON CLOTH	CITRIC ACID/NIMBU
5	TOMATO SAUCE	WET COTTON CLOTH	CITRIC ACID/NIMBU
6	SOYA SAUCE	WET COTTON CLOTH	MILD DETERGENT/CITRIC ACID/NIMBU
7	EDIBLE OIL	WET COTTON CLOTH	BAKING SODA/MILD DETERGENT/ACETONE#/TURPENTINE#
8	SINDUR OIL MIX	WET COTTON CLOTH	BAKING SODA/MILD DETERGENT/ACETONE#/TURPENTINE#
9	GHEE	WET COTTON CLOTH	BAKING SODA/MILD DETERGENT/ACETONE#/TURPENTINE#
10	COLD DRINKS	WET COTTON CLOTH	MILD DETERGENT/HOUSEHOLD CLEANER
11	TEA	WET COTTON CLOTH	MILD DETERGENT/HOUSEHOLD CLEANER/STRONG ALKALINE SOLUTION
12	COFFEE	WET COTTON CLOTH	MILD DETERGENT/HOUSEHOLD CLEANER/STRONG ALKALINE SOLUTION
13	WAX	WET COTTON CLOTH	PAINT REMOVER
14	LEAD PENCIL	WET COTTON CLOTH	PLAIN WATER/HYDROCHLORIC ACID
15	SKETCH PEN	WET COTTON CLOTH	HOUSEHOLD DETERGENT
16	NORMAL COLOUR PENCIL	WET COTTON CLOTH	HOUSEHOLD DETERGENT
17	WAX PENCIL	WET COTTON CLOTH	PAINT REMOVER
18	WATER COLOUR	WET COTTON CLOTH	PLAIN WATER
19	MARKER	WET COTTON CLOTH	DILUTE SULPHURIC ACID#/TOLUENE#/XYLENE#
20	NAIL POLISH	NAIL POLISH REMOVER	NAIL POLISH REMOVER
21	SHOE POLISH LIQUID	WET COTTON CLOTH	HOUSEHOLD DETERGENT
22	CHERRY SHOE POLISH	WET COTTON CLOTH	WET COTTON CLOTH
23	HAIR DYE	DILUTE NITRIC ACID	DILUTE NITRIC ACID
24	HAIR MEHENDI	DILUTE HYDROCHLORIC ACID	DILUTE HYDROCHLORIC ACID
25	LIPSTICKS	WET COTTON CLOTH	HYDROGEN PEROXIDE/HOUSEHOLD CLEANER
26	BLUE INK	WET COTTON CLOTH	ACETONE#/TURPENTINE#/TRICHLOROETHYLENE#
27	BLACK INK	WET COTTON CLOTH	ACETONE#/TURPENTINE#/TRICHLOROETHYLENE#
28	HAND MEHENDI	WET COTTON CLOTH	DILUTE HYDROCHLORIC ACID
29	TURMERIC	WET COTTON CLOTH	MILD DETERGENT
30	GLUE	WET COTTON CLOTH	ACETONE#/TURPENTINE#
31	UJALA	WET COTTON CLOTH	ACETONE#/TURPENTINE#/TRICHLOROETHYLENE#
32	TOMATO KETCHUP	WET COTTON CLOTH	CITRIC ACID/NIMBU
33	OLIVE OIL	WET COTTON CLOTH	BAKING SODA/MILD DETERGENT/ACETONE#/TURPENTINE#
34	MUSTARD OIL	WET COTTON CLOTH	BAKING SODA/MILD DETERGENT/ACETONE#/TURPENTINE#
B. HOTEL/FAST FOOD/CAFÉ HOUSE ETC			
1	DAL	WET COTTON CLOTH	CITRIC ACID/NIMBU
2	CURRY	WET COTTON CLOTH	CITRIC ACID/NIMBU
3	TURMERIC	WET COTTON CLOTH	MILD DETERGENT
4	CHILLI	WET COTTON CLOTH	MILD DETERGENT
5	EDIBLE OIL	WET COTTON CLOTH	BAKING SODA/MILD DETERGENT/ACETONE#/TURPENTINE#
6	PICKLE	WET COTTON CLOTH	CITRIC ACID/NIMBU
7	TOMATO SAUCE	WET COTTON CLOTH	CITRIC ACID/NIMBU
8	CHILLI SAUCE	WET COTTON CLOTH	BAKING SODA/MILD DETERGENT
9	SOYA SAUCE	WET COTTON CLOTH	MILD DETERGENT/CITRIC ACID/NIMBU
10	COLD DRINKS	WET COTTON CLOTH	MILD DETERGENT
11	FRUIT STAIN	WET COTTON CLOTH	MILD DETERGENT
12	WINE/ALCOHOL	WET COTTON CLOTH	MILD DETERGENT
13	TEA	WET COTTON CLOTH	MILD DETERGENT/HOUSEHOLD CLEANER
14	COFFEE	WET COTTON CLOTH	MILD DETERGENT/HOUSEHOLD CLEANER
15	ICE CREAM	WET COTTON CLOTH	MILD DETERGENT/HOUSEHOLD CLEANER
16	CIGARETTE END	WET COTTON CLOTH	HYDROCHLORIC ACID

SR. NO.	SUBSTANCES	NANO TREATED SURFACE	REGULAR SURFACE
A. DOMESTIC AREA			
1	PAINT	WET COTTON CLOTH	PAINT REMOVER/METHYLE ETHYL KETONE#/TOLUENE#
2	EPOXY/RESIN	WET COTTON CLOTH	TRICHLOROETHYLENE#/DICHLORO METHANE#
3	GLUE	WET COTTON CLOTH	ACETONE#/TURPENTINE#
4	RUST	WET COTTON CLOTH	HYDROCHLORIC ACID
5	TAR	WET COTTON CLOTH	TRICHLOROETHYLENE#/METHYLE ETHYL KETONE#
6	TYRE MARK	WET COTTON CLOTH	METHYLE ETHYL KETONE#
7	CEMENT	WET COTTON CLOTH	HYDROCHLORIC ACID
8	BLOOD	WET COTTON CLOTH	DILUTE NITRIC ACID
9	GREASE	WET COTTON CLOTH	DETERGENT
10	MOBIL OIL	WET COTTON CLOTH	DETERGENT
11	METHYLNE BLUE	WET COTTON CLOTH	PHOSPHORIC ACID#/HYDROCHLORIC ACID
12	IODINE	WET COTTON CLOTH	HYDROCHLORIC ACID
13	RED AGENT	WET COTTON CLOTH	WET COTTON CLOTH
14	GREEN AGENT	WET COTTON CLOTH	WET COTTON CLOTH
15	POTASSIUM PARMANGANET	WET COTTON CLOTH	HYDROCHLORIC ACID
16	VARNISH	WET COTTON CLOTH	ACETONE#/TURPENTINE#



SINTERING TECHNOLOGY

The latest Sintering Technology is capable of reaching very high temperatures of up to 1225°C and above. Therefore the technical characteristics of ceramics are strengthened and amplified. The resultant product has high strength with a certain amount of elastic flexibility.



IMPACT RESISTANCE

This material has incredible strength. The MOR is 40N/mm² (granite is 13.8N/mm²), breaking strength 2000N (at least 30% to 40% better than granite) and impact resistance of 0.55.



STAIN RESISTANT

Low porosity makes these sintered surfaces impervious to harsh chemicals like bleach, hydrochloric acid and other cleaning agents. Sintered slabs are able to withstand extreme heat and can be spray painted with no irreversible damage to the material.

INSTALLATION PROCESS FOR SIMPOLO



HANDLING

- To prevent breakage, we recommended to keep all Large Format Tiles in their original packaging during handling.
- Tiles measuring 60x120cm or less can be handled by hand.
- To handle Large Format Tiles, we recommend to use lifting tools with a sufficient load capacity.
- The use of forklift is recommended; however, it has to be equipped with following fork details:

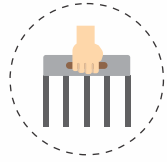
- Minimum length of 12 m if the crates are handled resting on the long side.
- Minimum length of 2.1 m if the crates are handled resting on the short side.
- It is recommended that you handle the Frame individually.



CUTTING

- When cutting Large Format Tiles, we recommend to use professional dry cutters. Using other tools may lead to uneven cuts or breakage of the material.

It is recommended to check the cutter blade before any cut. A damaged blade increases the risk of damage.



BLACKGROUND / BASE / SCREED

- Prepare a screed with a perfectly flat, dry, compact, dust-free surface, with no cracks or other visible damage. The ideal height difference should be no more than 3 mm, measured using a 2 m spirit level.
- In case of slightly cracked or non-solid screed, it is recommended to use as crack preventing mat between substrate & slab. Screed should have suitable

hardness and mechanical resistance to stresses due to the final uses. It should be prepared using perimeter bands & all structural expansion joints as necessary.

- It should be according to BS 8204-1-2003 or DIN 18560 standards.



LAYING WITH ADHESIVES

- We recommend laying with this technique, which should be carried out by suitably qualified workers with appropriate equipment.
- While choosing the adhesive, we recommend you to bear in mind the following: type of Large Format Tiles (group to which they belong and size), type of surface to be tiled and intended use of room.
- Adhesive should be applied on the floor as well as on backside of tiles with 3-4 mm thickness.
- To make corrections, we recommend you to check the material before the adhesive dries.
- Adhesive will vary depending on the surface so follow manufacturer recommendation. Cementitious Adhesive (C2 Category - C2TES1) is recommended.
- Apply the adhesive onto the back of the slab with a 3 mm trowel and should be well distributed on corners & edges.

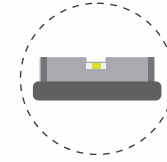
- It must be spread over in one direction only. Ideally it should be spread towards shortest direction of the tile.
- Spread the adhesive for one tile (pc) onto the floor substrate using a 15mm U-notch or a 10mm V-notch trowel and following the same direction as previously applied to the back of the slab. Adhesive should have 100% contact with tiles/substrate to avoid hollow sounding.
- It is recommended to start from the centre of the slabs and then move towards the edges.
- Tap the slab with a rubber mallet for a complete fixing ensuring the air is expelled.
- It is recommended to handle slabs with appropriate equipment.



JOINTS

- Deciding where to position the joints is also a part of the work which should be entrusted to qualified workers.
- The joints must be positioned:
- On structural connections (structural joints)
- Between the wall and the floor (perimeter joints)
- Between one tile and another (laying joints or gaps)
- Between tiles and other materials (e.g. pairings between ceramic, linoleum, or wood).

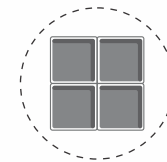
- A 2 mm joint spacer is suggested for all sizes.
- For Large Format Tiles, a 2 mm joint is strongly recommended, as well as proper positioning of spacers on floor sides.
- With help of 2 mm spacer & thanks to a 0.8 caliber (meaning that a 120x240cm minimal size actually measures 1198x2398mm), different sized tiles can be used within a single floor pattern, while still achieving perfect laying.



USE OF TILE LEVELLING SYSTEM DURING THE INSTALLATION

- For optimum surface performances, it is strongly recommended to use a tile levelling system.

- This solution also acts as a spacer for joints, thus contributing to make the installation more accurate.



GROUTING

- We recommend you to use grout with the same colour as the product.
- We recommend you to wait for the adhesive to dry completely before grouting the joints.
- We also advise you to ensure there is no adhesive or dust in the joints.
- Apply the grout using rubber trowel.
- Both cement & epoxy grout can be used. It is not recommended to use grouting with coloured pigments in contrast with colour of tiles.
- We recommend you to grout no more than 4-5 square metres of tiling at a time. This applies in particular when laying textured, non-slip and polished tiles.

- You are advised to remove all excess grout from the tile surface while the grout is still wet, working in diagonal movements. This applies in particular to tiles laid in outdoor areas.
- Use a damp sponge and perfectly clean water to thoroughly clean the entire tiled surface and the joints.
- We then recommend that you dry the surface with a damp cloth.
- Considering how quickly epoxy grouts set, if these are used, we recommend you to clean the excess grout immediately with a sponge and plenty of water.
- On the day after grouting, you should give the laid tiles a second cleaning with alkaline detergents.



CLEANING AFTER LAYING

- Thorough initial cleaning is essential to ensure the tiles a long-lasting appearance over time. It should not be carried out until at least 4 to 5 days after laying and grouting but no later than 10 days afterwards.
- For washing, we advise you to use an acid-based product, diluted according to the instructions provided by the manufacturer. However, we advise against the use of products containing hydrofluoric acid or derivatives thereof.
- It is a good idea to use a piece of unlaied tile, or a hidden part of the laid tiles, to check the resistance of the ceramic surface to the acid. This applies in particular when laying honed or polished tiles.

- When you start washing, it is worthwhile soaking the tiled surface first of all, focusing in particular on the joints. The acid solution must be left to work for no more than two minutes and must never be left to dry.
- To remove the acid solution, one of the following methods should be used: single-brush machine equipped with a non-abrasive disc, a wet vacuum, or washing by hand. After removing the solution, we recommend you rinse the tiled surface thoroughly.
- In the event that machines are used, we suggest that you finish off the job by hand in the harder to reach spots, such as the corners of the walls.



ORDINARY CLEANING AND CARE OF SURFACES

- For ordinary cleaning, simply wash with warm water and cloths and/or soft sponges. If necessary, neutral detergents can also be used. If you have non-neutral detergents, remember to test their effects on a piece of an unlaied tile or on a hidden part of the tiled surface.
- Abrasive cleaners should not be used on glossy and/or polished tiles; this kind of detergent can be used on tiles with matt surfaces though: in the event, you should still test the effects on a piece of an unlaied tile or on a hidden part of the tiled surface.
- We also advise against the use of soaps, waxes, or rinse aids.

- To remove traces of grease or oil on the surfaces, we suggest you use detergents with organic or alkaline solvents (pH< 9), rinsing properly at the end.
- In large areas, appropriate industrial washer-dryers can be used, taking care to finish off drying by hand where necessary.
- Abrasive tools (such as metal pads or rigid brushes) should not be used on tiled surfaces.
- After installation of the floor, it should be properly covered with suitable material in order to prevent tiles from damage or scratches because of on-site processing. It is also important not to drag heavy objects across the surface to avoid scratches.

TECHNICAL DETAIL

CHARACTERISTIC	STANDARD AS PER ISO 13006:2018/ EN14411 B1b	STANDARD AS PER IS 15622:2017 B1b	METHOD OF TESTING	MEAN VALUE OF SIMPOLO
Regulatory Properties				
Deviation in Length and Width	±0.30 % (±1.00 mm)	±0.10 %	ISO 10545-2/IS 13630-1	0.10%
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0 %	ISO 10545-2/IS 13630-1	± 5.0 %
Straightness in Side	±0.30 % (± 0.80 mm)	±0.10 %	ISO 10545-2/IS 13630-1	±0.10%
Rectangularity	±0.30 % (±1.50 mm)	±0. 10%	ISO 10545-2/IS 13630-1	±0.10%
Surface Flatness Central Curvature	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	± 0.20 %
Surface Flatness Edge Curvature	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	±0.20%
Surface Flatness Warpage	±0.40 % (± 1.80 mm)	±0.50 %	ISO 10545-2/IS 13630-1	±0.10%
Surface Quality	>95% defects free	>95% defects free	ISO 10545-2/IS 13630-1	>95% defects free
Small Color Difference (For Plain Colour)	ΔE <1.0	N.A.	ISO 10545-16	ΔE <0.30
Glossiness (Satin/Mat)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	07 ≤Gloss Value≤25
Structural Properties				
Water Absorption	0.50% <EV.≤3.0 %	0.08% <EV.≤3.0 %	ISO 10545-3/IS 13630-2	0.08% <EV.≤3.0 %
Bulk Density	As per Manufacturer	As per Manufacturer	ISO 10545-3/IS 13630-2	<2.28 gm/cc
Massive Mechanical Properties				
Modulus of Rupture	Min. 30.0 N/mm2	Min. 30.0 N/mm2	ISO 10545-4/IS 13630-6	Min. 31.0 N/mrn2
Breaking Strength Thickness ≥7.5 mm	Min 1100.0 N	Min 1100.0 N	ISO 10545-4/IS 13630-6	Min 1200.0 N
Surface Mechanical Properties				
MOH'S Hardness #	As per Manufacturer	Min. 5	BS EN 15771/IS 13630-13	Min. 5
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	ISO 10545-7/IS 13630-11	Min Class II
Thermal Hygrometric Properties				
Moisture Expansion	Max 0.06% (0.6 mm/m)	Max. 0.02mm/m	ISO 10545-10/IS 13630-3	Max. 0.02mm/m
Thermal Expansion(COE) at 100 °C	As per Manufacturer	Max. 7x10-6 k	ISO 10545-8/IS 13630-4	Max. 6.0 x 10-6
Thermal Shock Resistance	Min 10 Cycle	Min 10 Cycle	ISO 10545-9/IS 13630-5	Min 10 Cycle
Impact Resistance(COR) #	Min. 0.55	Min. 0.55	ISO 10545-5/IS 13630-14	Min 0.55
Frost Resistance	As per Manufacturer	As per Manufacturer	ISO 10545-12/IS 13630-10	Frost Proof
Crazing Resistance at 7.5 bar	As per Manufacturer	4 Cycle	ISO 10545-11/IS 13630-9	6 cycle
Chemical Properties				
Resistance to Staining Glazed	Min. Class 3	Min. Class 1	ISO-10545-14/IS 13630-7	Min. Class 4/ Min. Class 1
Resistance to Household Chemicals & Swimming Pool Salts Glazed	Min Class GB	Min Class AA	ISO-10545-13/IS 13630-8	Min Class GB/Min Class AA
Resistance to Low Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-8	Min Class GLB***/ Min Class A***
Resistance to High Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-8	Min Class GHB***/ Min Class B***
Safety Properties				
Skid Resistance -(DCOF-WET PENDULUM)##	As per Manufacturer	As per Manufacturer	BS 7976-2	Satin /Mat ≥P1
Lead and Cadmium release	As per Manufacturer	NA	ISO-10545-15	Does not yield Pb &Cd

*Whichever is lower.

***Except Hydrofluoric Acid and its compound

#Tiles intended for use on floor

##For Floor Tiles,as per customer requirement

PACKING DETAIL

PRODUCT	SIZE	ACTULE SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX
TERRADURO	60x120cm	600x1200mm	8.5mm	3 pcs	2.16 sq mtr 23.25 sq ft

OUR REPRESENTATIVE

AMRITSAR	+91 72280 10183	GUWAHATI	+91 74348 51076	KOLAHAPUR	+91 93260 08009
AGRA	+91 63535 33560	GHAZIABAD	+91 72270 38862	LUCKNOW	+91 93369 95222
AHMEDABAD	+91 74348 51106	GWALIOR	+91 85179 74222	LUDHIANA	+91 99888 06328
AURANGABAD	+91 93268 99024	GOA	+91 88304 17335	MANGALORE	+91 93411 69424
BHATINDA	+91 85951 97548	HIMACHAL	+91 74348 51096	MORBI	+91 97252 40551
BANGALORE	+91 93411 69424	HISAR	+91 72270 21895	MUMBAI	+91 93734 64006
BARODA	+91 95120 33222	HARYANA	+91 93151 11717	NASIK	+91 95791 54555
BHOPAL	+91 93030 23222	HALDWANI	+91 93586 66607	NAGPUR	+91 93734 64002
BHUBANESWAR	+91 90733 53730	HARIDWAR	+91 75748 62729	PUNE	+91 74348 51112
BHUJ	+91 97252 40551	HUBLI	+91 93411 69424	PATNA	+91 63535 33565
BIKANER	+91 74348 51099	INDORE	+91 93000 97056	ROHTAK	+91 72530 92929
BILASPUR	+91 95222 23979	JMMU & KASHMIR	+91 72270 21898	RANCHI	+91 73600 66903
CHANDIGARH	+91 99889 44733	JALANDHAR	+91 63573 77854	RAIPUR	+91 95222 23980
CALICUT	+91 75750 10747	JABALPUR	+91 74348 51108	RAJKOT	+91 99980 23910
COCHIN	+91 93493 39938	JAIPUR	+91 74348 51098	SURAT	+91 99980 23915
CHENNAI	+91 70944 74180	JODHPUR	+91 77425 25142	SILIGURI	+91 90733 53733
COIMBATORE	+91 70944 74183	KARNAL	+91 75748 62785	TRISSUR	+91 80891 91251
DELHI (N/W)	+91 74348 51091	KOLKATA	+91 90733 53728	TIRUNELVELI	+91 70944 74181
DELHI (S/E)	+91 72530 82929	KANPUR	+91 74348 51095	UDAIPUR	+91 74348 51100
DEHRADUN	+91 75748 62986	KANNUR/KASARGO	+91 75750 10747	VIJAYAWADA	+91 93466 08791
GURGAON	+91 99533 50368	KOTTAYAM	+91 93491 17224	VISAKAPATNAM	+91 93966 35554

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