

120x180cm | 80x160cm

GLAZED VITRIFIED TILES

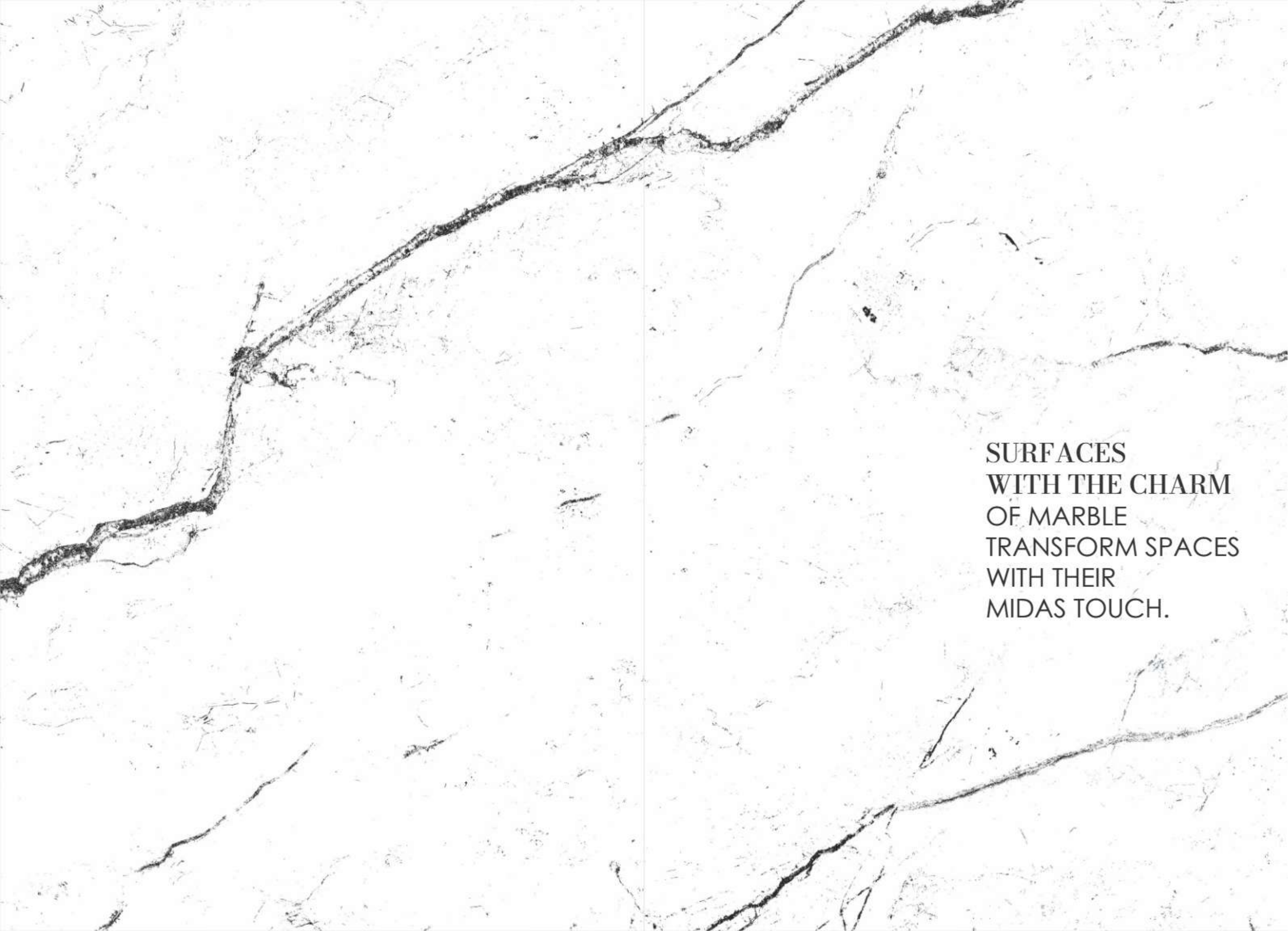


SUPRA & INTRA

COLLECTION



COLLECTION YEAR - 2022



**SURFACES
WITH THE CHARM
OF MARBLE
TRANSFORM SPACES
WITH THEIR
MIDAS TOUCH.**

SUPRA & INTRA
INSPIRATION

TWO AMAZING
COLLECTIONS OF
CERAMIC
CRAFTSMANSHIP
CRAFTED TO DELIVER
OPULENCE AND
LUXURY WITH THEIR
NATURALLY ELEGANT
SHADES.



REFINED AND
DECORATIVE
SURFACES TO
ORIGINATE
IMMERSIVE AND
GRAND
INTERIOR
EXPERIENCES.



COLLECTION INTRODUCTION

SUPRA and INTRA are two glorious tile collections offered by Simpolo that transform any area into a place of peace by giving them a relaxing vibe with their graceful designs. The SUPRA collection offers neutral yet pleasing shades of tiles that breaths life into a place and the INTRA collection is fabricated through a creative idea of fusion jute with cement.

The diverse shades of these collections embrace a space with their lavish and larger-than-life aura giving them a distinctive style. Inspired by the beautiful shades of our surroundings, the tiles of these collections give a natural and effortless look to a place.

Surfaces

**Glossy,
Matt Carving**

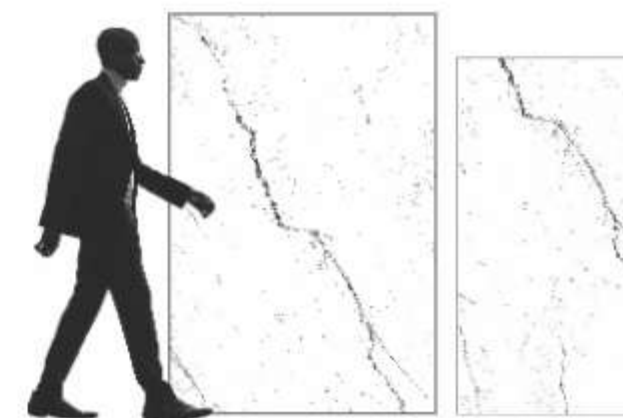
Thickness

9mm ÷

Size

120x180cm

80x160cm





SUPRA COLLECTION

ACHIEVING PERFECT BALANCE FOR THE INTERIOR

At Simpolo, we focus on understanding the new product requirements. To know your product needs is an integral part of our development process.

'SUPRA' collection offers some of the most exquisite and trendy marble designs that will leave you in awe. Whether you choose from a warm colour family, cold or neutral, 'SUPRA' will not let you down while making your selection. The elegant highgloss finish, which brings out the unmatched design definitions, adds to the charm of these beautiful marble designs.

We have also created some marble designs in a matte finish with a carving effect, which makes 'SUPRA' even more versatile.



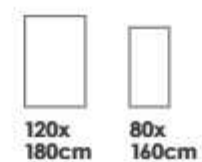
Floor : Armani Dove
Size : 120x180cm
Surface : Glossy



Floor : Galaxy Azzurro
Size : 120x180cm
Surface : Glossy



GALAXY AZZURRO



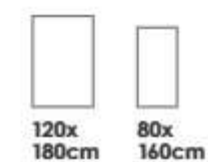
Surface - Glossy
Thickness - 9mm
Random - 5



Scan for Virtual
360°



ARMANI DOVE



Surface - Glossy
Thickness - 9mm
Random - 6



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



Wall : Carra Grey
Size : 120x180cm
Surface : Glossy

Floor : Carra Grey
Size : 120x180cm
Surface : Glossy



Wall : Invisible Dove
Size : 120x180cm
Surface : Glossy

Floor : Invisible Dove
Size : 120x180cm
Surface : Glossy



INVISIBLE DOVE



120x
180cm 80x
160cm

Surface - Glossy
Thickness - 9mm
Random - 5



Scan for Virtual
360°



CARRA GREY



120x
180cm 80x
160cm

Surface - Glossy
Thickness - 9mm
Random - 6



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics

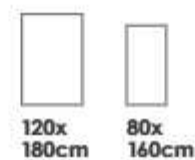
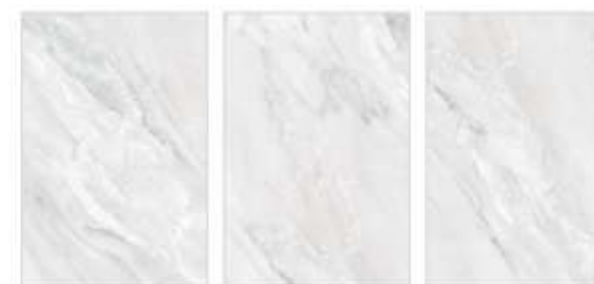




Floor : Passion Grey
Size : 120x180cm
Surface : Glossy



PASSION GREY



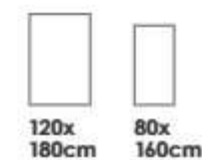
Surface - Glossy
Thickness - 9mm
Random - 6



Scan for Virtual
360°



TWILIGHT GREY



Surface - Glossy
Thickness - 9mm
Random - 6



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics

SUPRA COLLECTION



Wall : Burberry Dove
Size : 120x180cm
Surface : Matt Carving

Floor : Burberry Dove
Size : 120x180cm
Surface : Matt Carving

Floor : Intra Slate
Size : 120x180cm
Surface : Matt Carving

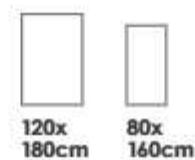


Wall : Grey Amazon
Size : 120x180cm
Surface : Matt Carving

Floor : Grey Amazon
Size : 120x180cm
Surface : Matt Carving



GREY AMAZON



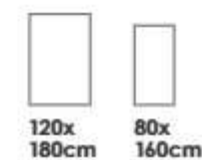
Surface - Glossy, Matt Carving
Thickness - 9mm
Random - 6



Scan for Virtual
360°



BURBERRY DOVE



Surface - Glossy, Matt Carving
Thickness - 9mm
Random - 4



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



Wall : Argentine Root
Size : 120x180cm
Surface : Matt Carving

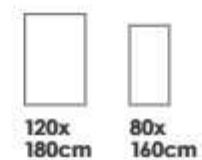
Floor : Argentine Root
Size : 120x180cm
Surface : Matt Carving



Floor : Bottochino Dove
Size : 120x180cm
Surface : Glossy



BOTTOCHINO DOVE



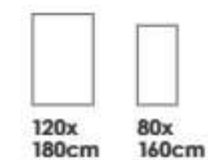
Surface - Glossy
Thickness - 9mm
Random - 4



Scan for Virtual
360°



ARGENTINE ROOT



Surface - Glossy, Matt Carving
Thickness - 9mm
Random - 8



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



Wall : Botticino Beach
Size : 120x180cm
Surface : Glossy

Floor : Botticino Beach
Size : 120x180cm
Surface : Glossy



Wall : Armani Dove
Size : 120x180cm
Surface : Glossy

Floor : Glacier Beach
Size : 120x180cm
Surface : Glossy



GLACIER BEACH

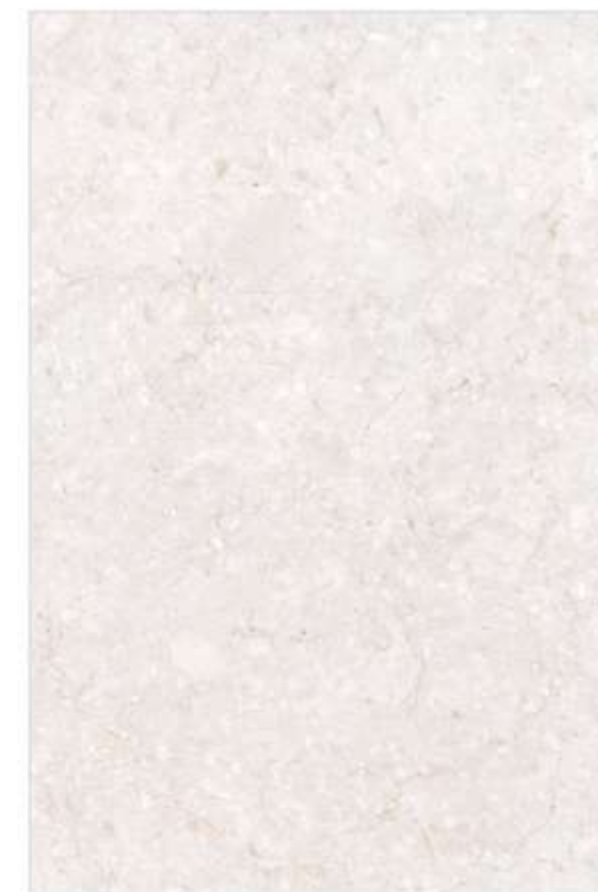


120x
180cm 80x
160cm

Surface - Glossy
Thickness - 9mm
Random - 6



Scan for Virtual
360°



BOTTOCHINO BEACH



120x
180cm 80x
160cm

Surface - Glossy
Thickness - 9mm
Random - 4



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



Wall : Marfo Beach
Size : 120x180cm
Surface : Glossy

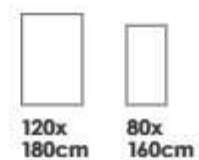
Floor : Marfo Beach
Size : 120x180cm
Surface : Glossy



Floor : Bright Emperor
Size : 120x180cm
Surface : Glossy



BRIGHT EMPEROR



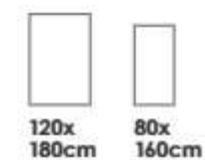
Surface - Glossy
Thickness - 9mm
Random - 4



Scan for Virtual
360°



MARFO BEACH



Surface - Glossy
Thickness - 9mm
Random - 8



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



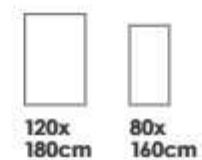
Floor : Burberry Beach
Size : 120x180cm
Surface : Glossy



Floor : Kaman Beige
Size : 120x180cm
Surface : Glossy



KAMAN BEIGE



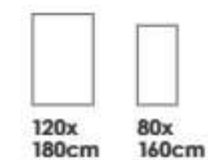
Surface - Glossy
Thickness - 9mm
Random - 8



Scan for Virtual
360°



BURBERRY BEACH



Surface - Glossy, Matt Carving
Thickness - 9mm
Random - 4



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



Wall : Bright Emperor
Size : 120x180cm
Surface : Glossy

Floor : Paris Brown
Size : 120x180cm
Surface : Glossy

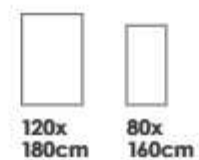


Wall : Arizona
Size : 120x180cm
Surface : Matt Carving

Floor : Arizona
Size : 120x180cm
Surface : Matt Carving



ARIZONA



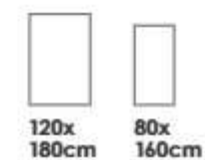
Surface - Glossy, Matt Carving
Thickness - 9mm
Random - 7



Scan for Virtual
360°



PARIS BROWN



Surface - Glossy
Thickness - 9mm
Random - 8



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



Wall : Roman White
Size : 120x180cm
Surface : Glossy

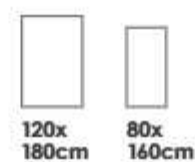
Floor : Roman White
Size : 120x180cm
Surface : Glossy



Floor : Statuario Winds
Size : 120x180cm
Surface : Glossy



STATUARIO WINDS



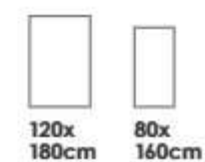
Surface - Glossy
Thickness - 9mm
Random - 8



Scan for Virtual
360°



ROMAN WHITE



Surface - Glossy
Thickness - 9mm
Random - 6



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics

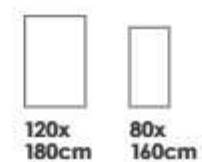




Floor : Borghini Bianco
Size : 120x180cm
Surface : Glossy



BORGHINI BIANCO



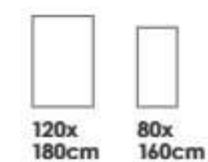
Surface - Glossy
Thickness - 9mm
Random - 4



Scan for Virtual
360°



LASA CARRARA



Surface - Glossy, Matt Carving
Thickness - 9mm
Random - 6



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



Wall : Arbes White
Size : 120x180cm
Surface : Glossy

Floor : Arbes White
Size : 120x180cm
Surface : Glossy



Wall : Arbes Flair
Size : 120x180cm
Surface : Glossy

Floor : Arbes Flair
Size : 120x180cm
Surface : Glossy



ARBES FLAIR



120x
180cm 80x
160cm

Surface - Glossy
Thickness - 9mm
Random - 5



Scan for Virtual
360°



ARBES WHITE



120x
180cm 80x
160cm

Surface - Glossy
Thickness - 9mm
Random - 8



Scan for Virtual
360°

SUPRA COLLECTION

Simpolo Ceramics



INTRA COLLECTION

EMBRACING SERENITY THROUGH INNOVATIVE DESIGNS

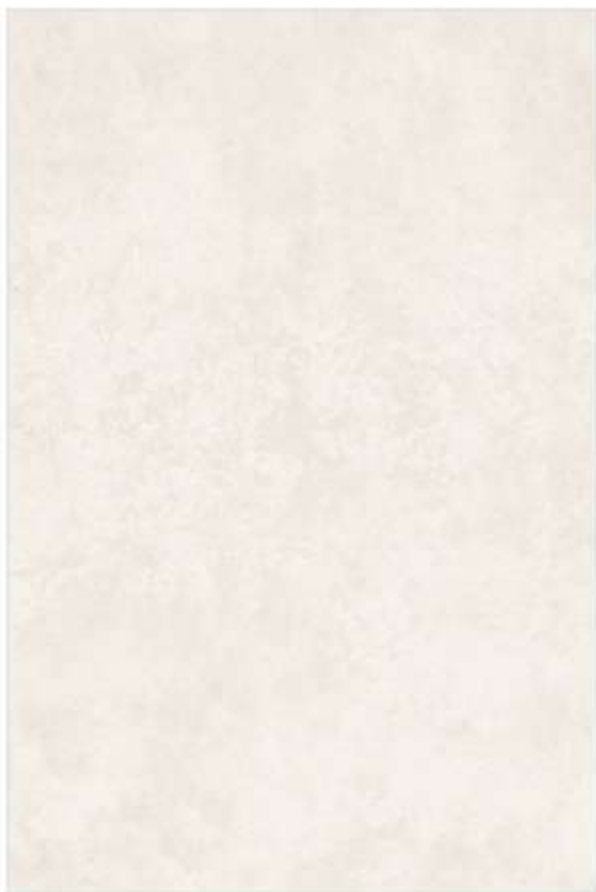
Keeping your product needs in mind, the Simpolo design team simultaneously works tirelessly to bring something new to the table.

With the 'INTRA' collection, we have explored combining two materials of totally different characteristics-jute and concrete. The sophisticated outcome of intervening jute with cement and vice-versa has surprised all of us. We created contemporary shades of grey and beige that will complement almost any architectural theme.

Designs in the 'INTRA' collection are created on a matte surface with the famous carving effect that increases its visual appeal.



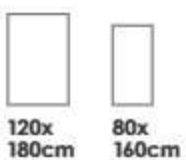
Floor : Intra Barle
Size : 120x180cm
Surface : Malt Carving



INTRA CREAM

INTRA BARLE

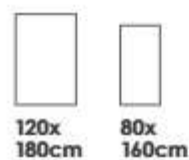
INTRA BEIGE



Surface - Matt Carving
Thickness - 9mm
Random - 6



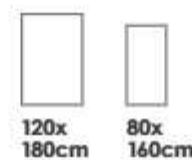
Scan for Virtual
360°



Surface - Matt Carving
Thickness - 9mm
Random - 6



Scan for Virtual
360°



Surface - Matt Carving
Thickness - 9mm
Random - 6



Scan for Virtual
360°

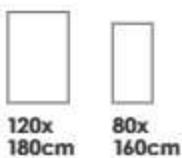




INTRA DOVE

INTRA GREY

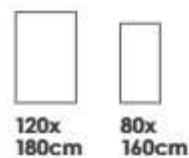
INTRA SLATE



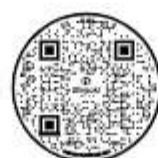
Surface - Matt Carving
Thickness - 9mm
Random - 6



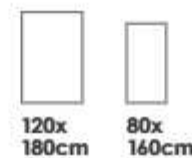
Scan for Virtual
360°



Surface - Matt Carving
Thickness - 9mm
Random - 6



Scan for Virtual
360°



Surface - Matt Carving
Thickness - 9mm
Random - 6

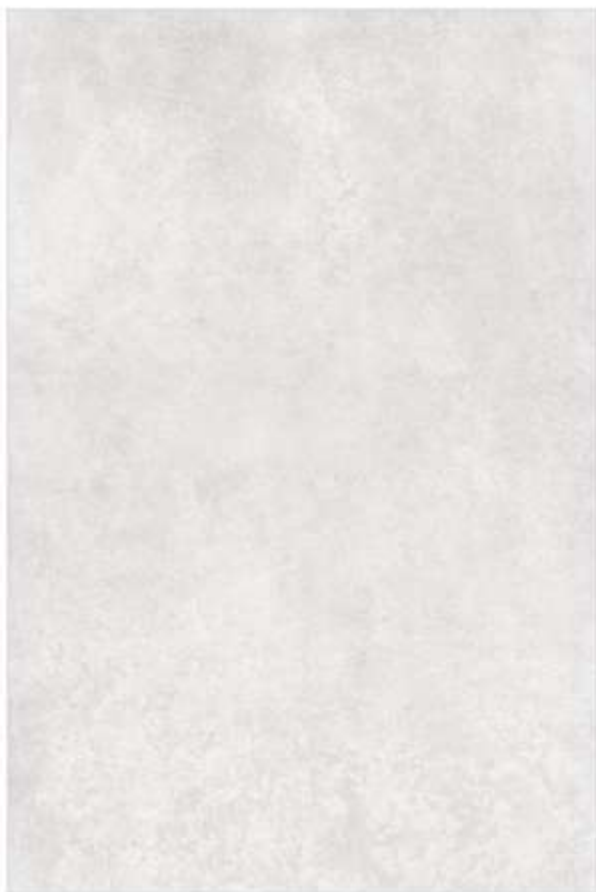


Scan for Virtual
360°



Wall : Intra Purple
Size : 120x180cm
Surface : Matt Carving

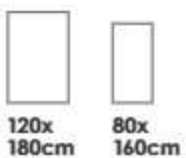
Floor : Intra Purple
Size : 120x180cm
Surface : Matt Carving



INTRA PLUM

INTRA VIOLA

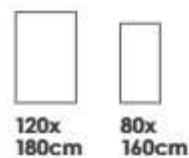
INTRA PURPLE



Surface - Matt Carving
Thickness - 9mm
Random - 6



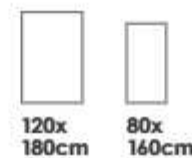
Scan for Virtual
360°



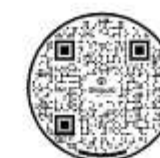
Surface - Matt Carving
Thickness - 9mm
Random - 6



Scan for Virtual
360°



Surface - Matt Carving
Thickness - 9mm
Random - 6



Scan for Virtual
360°

INTRA COLLECTION

Simpolo Ceramics

TECHNICAL DETAIL

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	MEAN VALUE OF SIMPOLO	TEST METHOD
Regulatory Properties			
Deviation in Length and Width	± 0.30 % (±1.00mm)	± 0.10 %	ISO 10545-2
Deviation in Thickness	± 5.00 % (±0.50mm)	± 4.00 %	ISO 10545-2
Straightness in Side	± 0.30 % (±0.80mm)	± 0.10 %	ISO 10545-2
Rectangularity	± 0.30 % (±1.50mm)	± 0.10%	ISO 10545-2
Surface Flatness Central Curvature	± 0.40 % (±1.80mm)	± 0.20 %	ISO 10545-2
Surface Flatness Edge Curvature	± 0.40 % (±1.80mm)	± 0.20 %	ISO 10545-2
Surface Flatness Warpage	± 0.40 % (±1.80mm)	± 0.10 %	ISO 10545-2
Surface Quality	>95% defects free	>95% defects free	ISO 10545-2
Small Color Difference(for Plain Colour)	ΔE <1.00	ΔE < 0.30	ISO 10545-16
Glossiness (Polished)	as per mfg.	Gloss Value >90	Gloss Meter 60°
Glossiness (Matt)	as per mfg.	3< Gloss Value <7	Gloss Meter 60°
Glossiness (Satin/Posh)	as per mfg.	7< Gloss Value <18	Gloss Meter 60°
Structural Properties			
Water absorption	≤0.50 %	≤0.060 %	ISO 10545-3
Bulk density	as per mfg.	Min. 2.28 g/cc	ISO 10545-3
Massive Mechanical Properties			
Modulus of rupture	Min. 35.0 N/mm²	Min. 42.0 N/mm²	ISO 10545-4
Breaking strength thickness <7.5	Min. 700.0 N	Min. 1000.0 N	ISO 10545-4
Breaking strength thickness ≥7.5	Min. 1300.0 N	Min. 1800.0 N	ISO 10545-4
Breaking strength thickness ≥7.5(15mm)	Min. 1300.0 N	Min. 7500.0 N	ISO 10545-4
Surface Mechanical Properties			
MOH'S hardness #	as per mfg.	Polished Min. 4* / Satin, Posh & Matt Min. 6	BS EN 15771
Surface abrasion resistance #	as per mfg.	Polished Min. 2 / Satin & Posh Min. 3 / Matt Min. 4	ISO 10545-7
Deep abrasion resistance #	Max. 175mm³	Max. 132mm³	ISO 10545-6
Thermal Hydrometric Properties			
Moisture expansion	Max. 0.06%(0.6mm/m)	Max. 0.02mm/m	ISO 10545-10
Thermal expansion(COE) at 100°C	as per mfg.	Max. 6.0 x 10 ⁻⁴	ISO 10545-8
Thermal shock resistance	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9
Impact resistance(COR) #	Min. 0.55	Min. 0.55	ISO 10545-5
Frost resistance	as per mfg.	Frost Proof	ISO 10545-12
Chemical Properties			
Resistance to staining glazed	Min. Class 3	Min. Class 4	ISO 10545-14
Resistance to household chemicals & swimming pool salts glazed	Min. Class GB	Min. Class GA	ISO 10545-13
Resistance to low concentrate acid and alkalis glazed	as per mfg.	Min. Class GLA**	ISO 10545-13
Resistance to high concentrate acid and alkalis glazed	as per mfg.	Min. Class GHB**	ISO 10545-13
Safety Properties			
Skid resistance(DCOF-DRY) ##	as per mfg.	Glossy P0(<12) / Posh ≥P1 (12-24) / Matt ≥P2(25-34)	BS 7976-2
Slip resistance(DCOF) (R value) ##	as per mfg.	R9 to R13	DIN 51130
Fire resistance	as per mfg.	Fire Proof	N.A.

Parameters are applicable for 1st Choice/Premium Grade Materials Only.

* With Nano polished
 ** Except Hydrofluoric Acid & it's compound
 # Tiles Intended for use on floor
 ## As per customer requirement

PACKING DETAIL

PRODUCT	SIZE	ACTULE SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX	
SUPRA & INTRA	120x180cm	1200x1800mm	9mm	2 pcs.	4.32 sq. mtr.	46.50 sq. ft.
	80x160cm	800x1600mm	9mm	2 pcs.	2.55 sq. mtr.	27.45 sq. ft.

RECOMMENDED TOOLS

HANDLING EQUIPMENT



Single & Double Suction Cups



Aluminium Parallel Profile with Crossbars



Suction Vacuum Suction Cups with Vacuum Gauge



Tile Cart Trolley



Modular Work Bench

INSTALLATION & LEVELLING EQUIPMENT



Clips, Wedges & Adjustable Pliers for Wall and Floor Covering



Tile Spacers



Electric Cement Low-speed Mixer



Rubber Grout Floats



Slant Ridge Notched Trowel



ANTI-SHOCK Levels

SLAB CUTTING EQUIPMENT



Slab Cutter System



Cutting o Pliers for Slabs



Diamond Polishing Pad

Note: For each slab, there will be multiple random faces with diereent graphic designs of the same genre. For best results of fixing slabs of any size/format, across any application, please refer to the Technical Manual in this catalogue.

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.



ZERO WATER ABSORPTION (< 0.06%)

The sintering at exceptionally high temperatures renders the product resistant to scratching, staining and fading because of its near zero water absorption (< 0.06%) whereas in case of granite, it is 0.15%.



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 120x180cm 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 12m if the crates are handled resting on the long side.
- Minimum length of 2.1m 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 3mm, measured using a 2m 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 3-4mm 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 - C2TEST) 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 2mm joint spacer is suggested for all sizes.
- For Large Format Tiles, a 2mm joint is strongly recommended, as well as proper positioning of spacers on floor sides.
- With help of 2mm spacer & thanks to a 0.8 caliber (meaning that a 120x240cm minimal size actually measures 1188x2398mm), 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 unglazed 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 unglazed 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 unglazed 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.

SIMPOLO EXPERIENCE CENTER / GALLERY / SHOPEE

GOA (Nuvem) SIMPOLO EXPERIENCE CENTER S. No. 223, Beside kundu Suzuki, Old NH 17, Nuvern Salicete, Goa - 403 604 Mob.: +91 95298 50441	AGRA ARAVALI CERAMICS COMPANY (SIMPOLO GALLERY) NH 2, Manja Kuberpur, Near Reliance Petrol Pump, Tehsil Elmadpur, Agra, Mob.: +91 99971 77711	AHMEDABAD SIMPOLO GALLERY First Floor, 103, Sumel - 2, Nr. Gurudwara, S.G. Highway, Bodakdev, Ahmedabad - 54, Mob.: +91 79 40037222	KAITHAL CHAUDHARY SANITARY & TILES Cheeka Road, Bye Pass Kaithal - 136 027 Mob.: 99921 11033	MUMBAI SIMPOLO GALLERY Unit No.: 203, 2nd Floor, Marya Land Mark 2, Near Infinity Mall, Link Road, Andheri (W), Mumbai - 400 053 Tele.: +91 22 40167131	MIRZAPUR (UP) SIMPOLO GALLERY Bellar Mirzapur - 231 001, [UP] Mob.: 99195 66556
AMRITSAR THE INDIAN MARBLE & GRANITE Shop No. 8 Ranjit Ave E block Market Opp. Chinmayya Mandhir, Punjab - 143 001. Mob.: +91 98552 03533	BANGALORE SIMPOLO GALLERY #79 /1 & 144 /1 9, Kalkere Main Road, Horamavu Village, Bangalore - 560 043, Tele.: +91 80 43007001, 43007002 Mob.: +91 99002 31333	BARODA SIMPOLO MARKETING 29, Dhanlaxmi Complex, Opp. Manglaya Hall, Near Airport Char Rasta, Harni Road, Baroda. Mob.: +91 99749 60603	MOHALI SIMPOLO GALLERY Plot No- 411, JLPL Sector 82, Mohali Mob.: +91 77174 58683	NAGAU WELCOME TILES AND SANITARY Basni Road, Nagaur - 341 001, Rajasthan Mob.: +91 97840 32045, 988758 7715	NAGPUR NATURAL CERAMIC Municipal House 3163/a/388, Hiwari Nagar Layout, Nagpur, Maharashtra - 440 008. Mob.: +91 73878 37332, +91 94236 80788
BHAVNAGAR H. F. INTERIORSS Plot No.36 , "Anjaney", Ground Floor, Beside D.B. Bath , Nr. Kaliyabid Water Tank, Opp. Vicitraya Park, Bhavnagar, Tele.: +91 278 2560215 / 16 Mob.: +91 99099 93244	BHILWARA HINDUSTAN CERAMIC DISTRIBUTORS Shop No - 12, 13 Surbhi Enclave Opp. Goyli Mandi Ashram Ajmer Road, Bhilwara, Mob.: +91 98290 40088	BHOPAL SHRI GORAJI MARBLE Plot No 91 - A, Airport Main Road, Near SBI Bank, Bhopal. Mob.: +91 84629 40479, +91 81093 44201	NASHIK THE CERAMIC STUDIO Shop No.18, Business Bay, Shrihari Kute Marg, Tidke Colony, Mumbai Naka, Nashik - 422 002. Mob.: +91 88477 88888	NEEMUCH (MP) CAPTAIN TILES CENTER 425, Scheme No. 36-A, Opp. Collector Office, Neemuch, Madhyapradesh, Mob.: +91 98980 60635 Email: captaintiles@yahoo.in	NEPAL JJ MARBLE HOUSE G.P.O Box No. 56, 14/389, Tokha Road, Kathmandu, Nepal. Tele.: +977 14381218
BHUBANESWAR CERAMIC WORLD 602, Rosulgrah, Opp. Kachhri Market, Cuttack Road, Bhubaneswar. Mob.: +91 92384 99102	CHANDIGARH (Zirakpur) New Tile World Zirakpur Patiala Road, Zirakpur (Mohali) Mob.: +91 77174 58683	CHENNAI L K. CLASSIVA 867, Poornamallee High Road, Opp. Kilpauk Police Station, Before Sangam Theatre Kilpauk, Chennai - 600 010. Mob.: +91 98404 61888, +91 99402 52706	NEW DELHI TECHNO STONE Khara No. 12, Fatehpur Beri, Challapur Mandir Road, Opp. Narayani Devi Charitable Disprisary & Canara Bank, New Delhi - 110 074. Tele.: +91 11 65456660	NEW DELHI TECHNOSTONE D-12, Rajouri Garden, Main Ring Road, New Delhi - 110 027 Mob.: +91 98104 24718	NOIDA SIMPOLO VITRIFIED PVT .LTD H.139, First Floor, Sector 63 Noida, Uttar Pradesh - 201 301 Tele.: +91 72270 21894
CHIKHLI PRUTHVI ENTERPRISE Chikhli Bilmora Road, Chikhli, Dist. Navsari, Tele.: +91 2634 231200 Mob.: +91 98251 79455	COCHIN SIMPOLO GALLERY 33/2380 A -A1, NH Bypass, Vyasaai Bus Stop, Chakkraparambu, Cochin - 682 032. Mob.: +91 93493 39938	CUTTACK CERAMIC SALES CORPORATION Plot No.1650/2792, Gopalpur, NH - 5, Cuttack - 753 001. Mob.: +91 92384 99114	PALAKKAD M/S. K A V. SHAIK ROWTHER 31/671 Market Road, Palakkad - 678 014, Kerala. Tele.: +91 491 2502301, 2537771	PUNE SRI PARAM MARKETING Vasani Vashu, Ground Floor, Near Soubhagya Mangal Karyalay, Near City International School, Maharshi Nagar, Pune - 37, Mob.: +91 90280 11200 / 300	PUNE STONE CAPITAL BY BHIKSHU GRANMART LLP Mula Road, Khadki, Pune, Maharashtra - 411 003 Mob.: +91 96076 30707
DEHRADUN AARAMBI CERAMICS #241/2, First Floor, GMS Road, Near Ballapur Chowk, Satya Vihar Ballapur, Dehradun, Uttarakhand - 248 006, Mob.: +91 72520 02000	DHULIYA VIRAJ CERAMICS 87/6, Opp. Hotel Sheetal, Parola Road, Balapur, Dhule - 424 001. Mob.: +91 98501 80401	GANDHIDHAM SIMPOLO GALLERY Sec. 1-A, Plot 91, First Floor, Gandhidham, Kutch, Mob.: +91 94267 37808	PANCHKULA CITY MARBLES Plot No-126 Industrial Area Phase-1 Panchkula - 134 109 Mob.: 94171 71835	PANIPAT (HARYANA) SHREE GOPAL MARBLE AND GRANITE Marble Market,Ugra Kheri,Sanoli Road, Panipat - 132 103, Haryana Mob.: 98964 15757	RAIPUR HOME STYLE & DECOR PVT. LTD. Beside NH MMJ Hospital, Opp. Maruti Heritage, Dhamilasi Road, Raipur - 492 001 (C.G.) Mob.: +91 98266 41666
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HUBLI KOLIWAD MARBLE AND GRANITE Near Manickbag Showroom, P.B. Road, Vidyanagar, Hubli. Tele.: +91 836 2372580 / 4252580	HYDERABAD CERAMIC INC. Solanki Plaza, 8-2-293/K/307, Kamalapuri Colony, Opp. Green Bawarchi Hotel, Hyderabad - 500 073. Mob.: +91 93464 64191	HYDERABAD CERAMIC INC. HNO #4/70/37, Adarsh Nagar, Nagole, Secunderabad Mob.: +91 93464 64191	SANGLI VARDHMAN ENTERPRISE 213, Sangli Kolhapur Road, Opp. Hyundai Showroom, Sangli-Antali. Tele.: +91 233 2422022 / 20 Mob.: +91 90110 93588, +91 89830 93588	SATNA MAHALAXMI TILES Gandhi Chowk, Satna, [M.P.] Mob.: +91 94247 62988	SILIGURI S.S. SANITATION Mital Square, 2nd Floor, Opp. Anandaloke Nursing Home, Sevake Road, Siliguri - 734001 (W.B) Mob.: +91 94340 27755
HARYANA GOEL SANITARY AND HARDWARE HOUSE Kali Mandi, Jhajjar Road, Rohlak (Haryana). Mob.: +91 92543 59864, +91 85277 21721	INDORE PARAG Race Course Road, Indore. Fax: +91 731 2547598 Tele.: +91 731 2535659 / 60	JAIPUR SIMPOLO GOLDEN WINGS TILE SQUARE 12, dharam nagar, gopalpura bypass, Jaipur, Rajasthan. Mob.: +91 89555 94647	SIRSA Deepak Marbles Surajgarh Bazar, Sirsa. Mob.: +91 98961 00032	SURAT SIMPOLO GALLERY 105-106, 1st Floor, Sapphire Business Hub, Opp. Green Arcade, Madhuvan Circle to Green City Road, L.P. Savani Road, Pat. Adajan, Surat - 395 009 Mob.: +91 99796 18009, Tele.: +91 261 2760787	THRISSUR CLASSIC SANITARY EMPORIUM Br. Classic Buldware, 11/ 479-A, Kollathumpady, Irinjalakuda, Thrissur, Kerala, Mob.: +91 98472 10693
JAORA SHUBH MARBLE AND GRANITE, 30, Industrial Area, Jaora (M.P.). Mob.: +91 98275 62933	JODHPUR SUN - DEEP TILES E-73, Kalpara Shopping Center, Shastri Nagar, Jodhpur - 342 001. Mob.: +91 96720 11000	JALANDHAR SIMPOLO GALLERY Near Shaheed Babu Lohb Singh Nagar, Jalandhar - 144 001 Mob.: 94170 89000	TIRUPUR NANDHI PIPES No.39, Vignesh Nagar, Kaikallipudur, Tirupur Main Road, Avinashi - 641 654. Tele.: +91 4296 275740 Mob.: +91 94432 83885	TIRUPUR KAILAS TRADERS 4/193[1], Bharathi Nagar, Veerapapandi [po], Palladam Road, Tirupur - 641 605. Mob.: +91 98941 34340	TRICHY SHRI RANGA AGENCIES Shri Ranga Towers, No. 9, Royal Road, Condoment, Trichy, Tele.: +91 431 2415751
KAKINADA OME AGENCIES #69-12-29/1, Near Spencer' S, Pithapuram Road, Kakinada - 533 005. Mob.: +91 95533 00022	KALABURAGI SIMPOLO S B Patil Nagar, Chandrakani Patil School Area, Sedam Main Road, Kalaburagi - 585 105 Mob.: +91 89709 41000	KOLHAPUR CHANDIWANI CERAMIC Opp. Hotel Shivrani, Kolhapur Sangli Road Shrioli Plot No.65/6, Shrioli. Mob.: +91 98220 42900	TRICHY AVTHAR CERAMICS No.1, New Chilan Nagar, Trichy to Chennai bye pass, Road Trichy - 2. Mob.: +91 75400 00186	TRIVANDRUM (Kerala) TARA SANITARY WARES AND TILES Goodwill Tower, Pallom Plamoody Road, Pallom, Trivandrum, Kerala - 695 004. Mob.: +91 94470 55212	UNA AGGARWAL HOME SOLUTIONS Village Bharatn Khurd Opp, P.M.R. Hotel, Nangal Road, Una - 174 303. Mob.: +91 98053 01111
KOLHAPUR HINDUSTAN CERAMICS Laxmi puri, Opp. Adarsha Bhima Vastram, Kolhapur, Mob.: +91 99704 42244	KOLKATA SIMPOLO GALLERY Ground Floor, D.B.52, Salt Lake City, Sector 1, Kolkata - 700 064. Mob.: +91 90733 53728	KOTA AASHIYANA 285 Cm Tower Shopping Center, Kota 324007, Rajasthan Mob.: +91 98299 99937	VELLORE SIMPOLO GALLERY 1/696, Chennai to Bangalore NH 48, Near ramani Shankar Mahal, Arapakam, Vellore - 632 517. Mob.: +91 94433 25855	VIRAR INFINITI CERAMICA PRIVATE LIMITED 210-211, 2nd Floor, Kingslon Court Opp. Old Viva College, Old Viva College Road, Virar West - 401 303. Mob.: +91 93204 07010	



Simpolo Vitrified Private Limited

Old Ghuntu Road, MORBI - 363 642, Gujarat, INDIA
Tele.: +91 2822 241622, E-mail: customercare@simpolo.net

MUMBAI

Simpolo Gallery, Unit No.: 203, 2nd Floor, Morya Land Mark 2, Link Road, Andheri (W), Mumbai - 400 053.
Tele.: +91 22 40167131, E-mail: mumbai@simpolo.net

AHMEDABAD

First Floor, 103, Sumel - 2, Near Gurudwara, S. G. Highway, Bodakdev, Ahmedabad - 380 054.
Tele.: +91 79 400 37222, +91 79 400 52220, E-mail: ahmedabad@simpolo.net

DELHI

H-139, First Floor, Sector-63, Noida - 201 301, Uttar Pradesh.
Mob.: +91 93103 90046, E-mail: delhi@simpolo.net

COCHIN

33/2380 A-A1 NH Bypass, Vysali Bus Stop, Chakkaraparambu, Cochin - 682 032.
Mob.: +91 93493 39938, Fax: +91 4844 037118, E-mail: cochin@simpolo.net

KOLKATA

Ground Floor, DB - 52, Salt Lake City, Sector 1, Kolkata - 700 064. (W.B.)
Mob.: +91 90733 53728, E-mail: kolkata@simpolo.net

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www.simpolo.net | Toll Free No.: 1800-233-2223
Mo.: +91 72289 22222