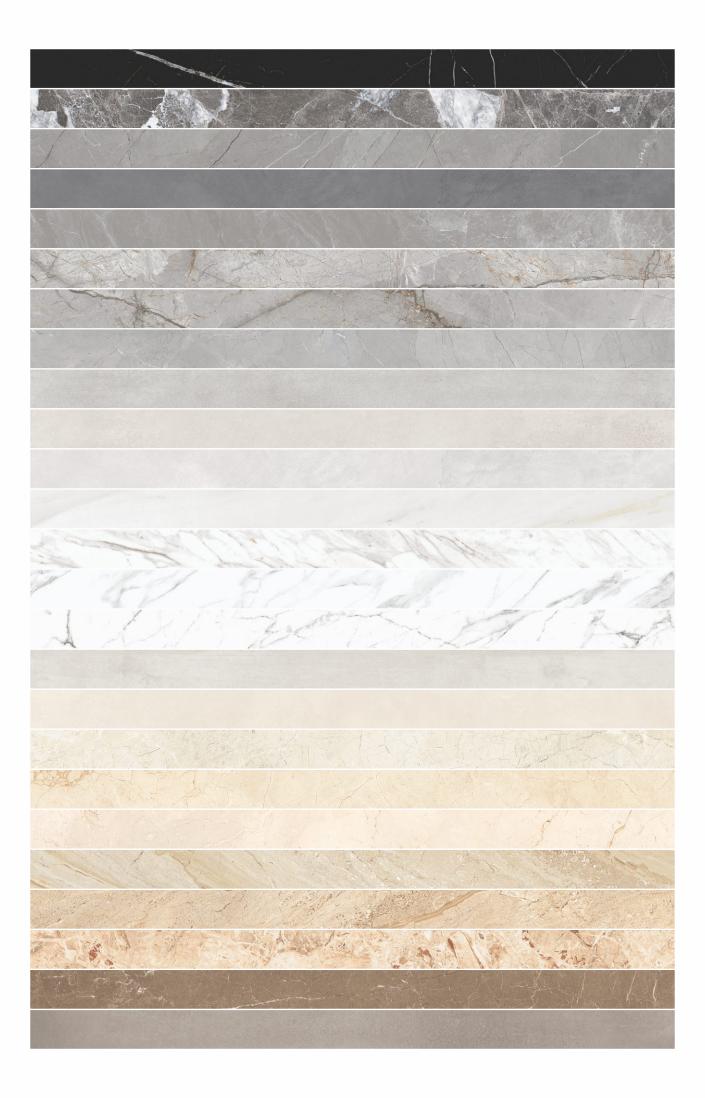
# 80x160cm LOOKBOOK

# SCINTILLATING SURFACES,









Designed exclusively for 'SPACERA' and 'LUMIERA' dealers' segments.

# 80x160cm LOOKBOOK

# APPRECIATING THE PRECIOUS CHARM

Simpolo is a brand that believes in innovating and bringing art to life. The 80x160cm collection is yet another by-product of this belief. This collection reflects the modern architectural trend with a touch of classic elegance.

The 80x160cm collection is available in varied styles and shades. They are designed according to the shades of the spectrum from cold to warm making them the right choice for bringing your design imagination to reality.

# APPLICATION AREAS



COLLEGE











OFFICE AND LOUNGE





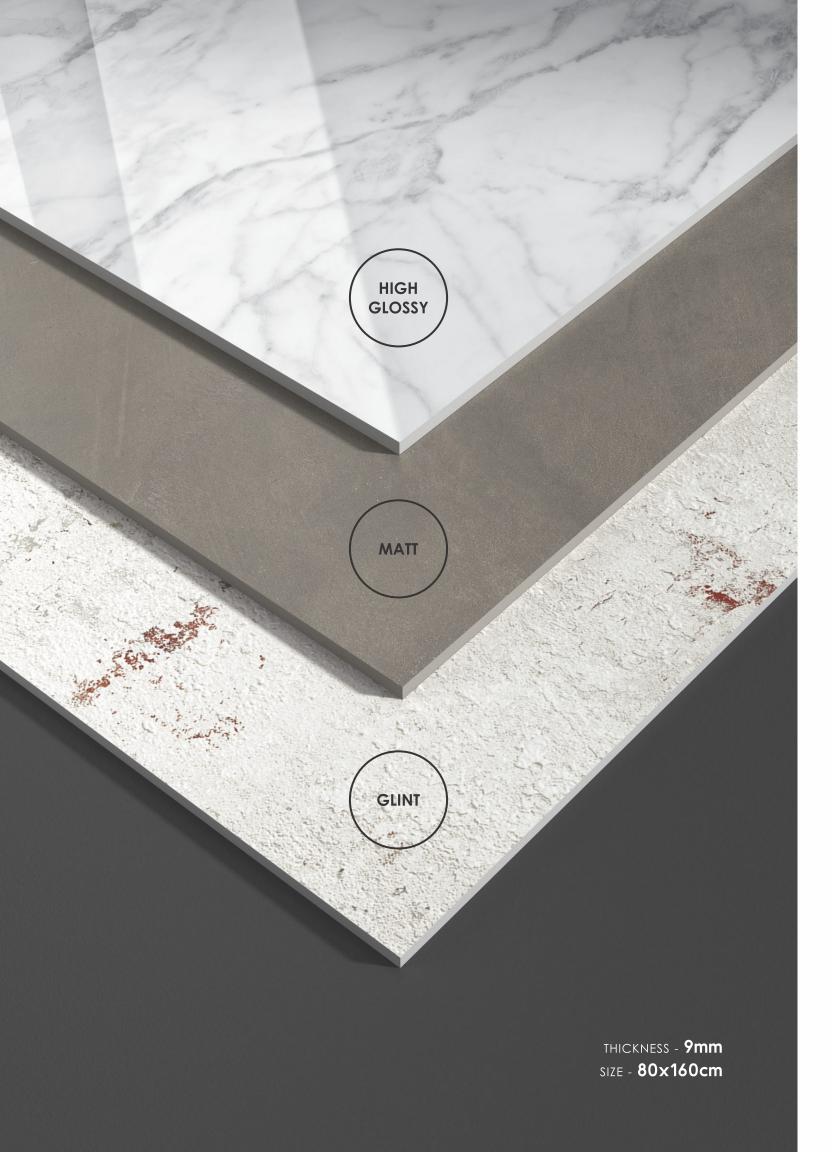




RESTAURANT







# ELEGANT STYLE, DIVERSE SURFACES.

The Simpolo tiles embellish a space with their glorious style and designs. These tiles are available with different types of surfaces like High Glossy, Matt and Glint. These different surfaces have many diverse benefits that make them suitable for various indoor and outdoor spaces. Their functionalities like scratch resistance, impact resistance or hygiene factor among many others make them the perfect fit for both residential and commercial spaces.

# TECHNICAL FEATURES



RESISTANT TO









EASY TO CLEAN

HYGIENIC SURFACE



CHEMICAL AND STAIN RESISTANT



TO HIGH TEMPERATURE



IMPACT RESISTANT



**RESISTANT TO** UV RAYS







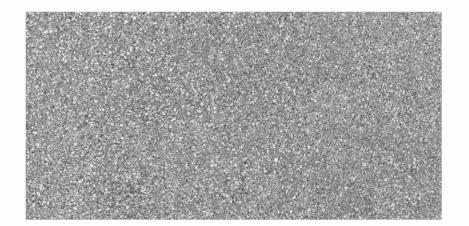


80x160cm





80x160cm





<u>Wall</u> - Michelangelo Tranquil, Cartel Decor <u>Size</u> - 80x160cm

<u>Surface</u> - High Glossy <u>Thickness</u> - 9mm Floor - Cartel Grey Size - 80x160cm Surface - High Glossy Thickness - 9mm







LORENZO DOVE

80x160cm





Wall - Statuario Acute Size - 80x160cm Surface - High Glossy Thickness - 9mm <u>Floor</u> - Statuario Acute, Lorenzo Dove <u>Size</u> - 80x160cm

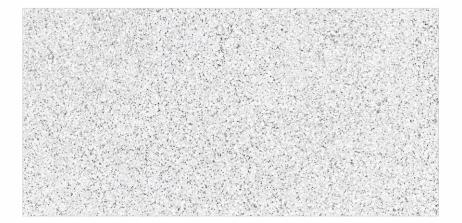
<u>Surface</u> - High Glossy <u>Thickness</u> - 9mm







90v140cm



# LORENZO GRIS

80x160cm





Wall - Cartel White, Cartel Decor Size - 80x160cm Surface - High Glossy Thickness - 9mm Floor - Lorenzo Gris Size - 80x160cm Surface - High Glossy Thickness - 9mm



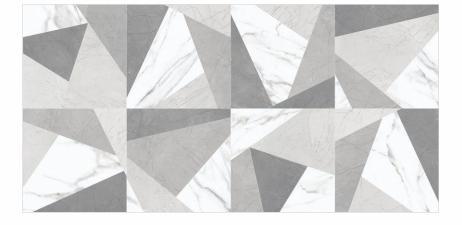






# LUSTROUS DECOR 1

80x160cm



# BURBERRY GRIS

80v140cm





Wall - Statuario Enfold Size - 80x160cm Surface - High Glossy Thickness - 9mm Floor - Burberry Gris, Lustrous Decor 1

<u>Size</u> - 80x160cm <u>Surface</u> - High Glossy <u>Thickness</u> - 9mm









CARRARA DOVE





<u>Wall</u> - Silversummer Moon, Paradiso Gris Size - 80x160cm Surface - High Glossy

<u>Thickness</u> - 9mm

<u>Floor</u> - Paradiso Gris <u>Size</u> - 80x160cm <u>Surface</u> - High Glossy <u>Thickness</u> - 9mm





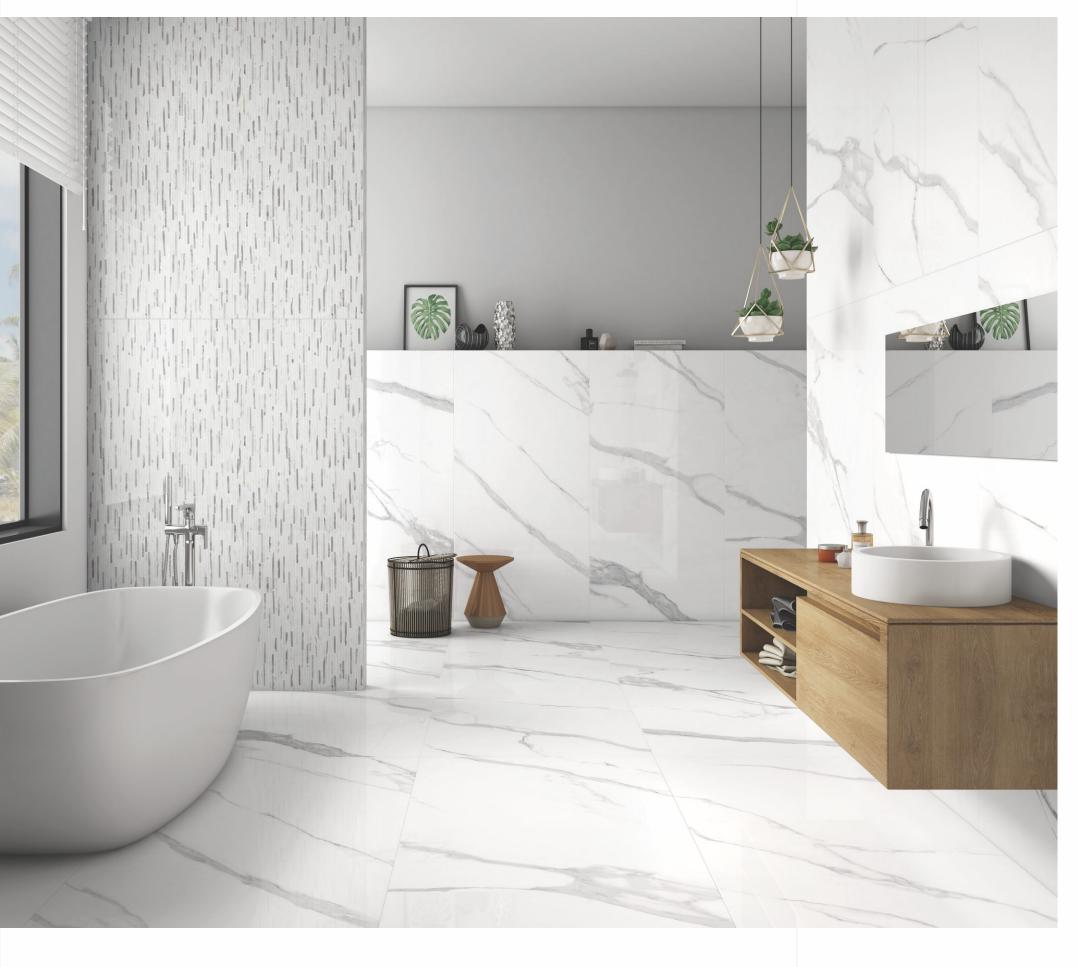




# LUSTROUS DECOR 2

80x160cm





<u>Wall</u> - Statuario Eminence, Lustrous Decor 2

Size - 80x160cm Surface - High Glossy Thickness - 9mm Floor - Statuario Eminence Size - 80x160cm Surface - High Glossy Thickness - 9mm

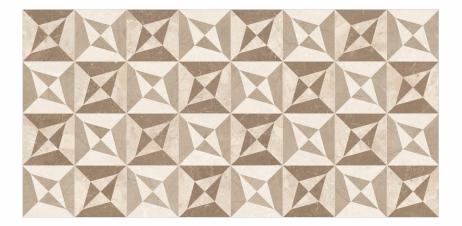








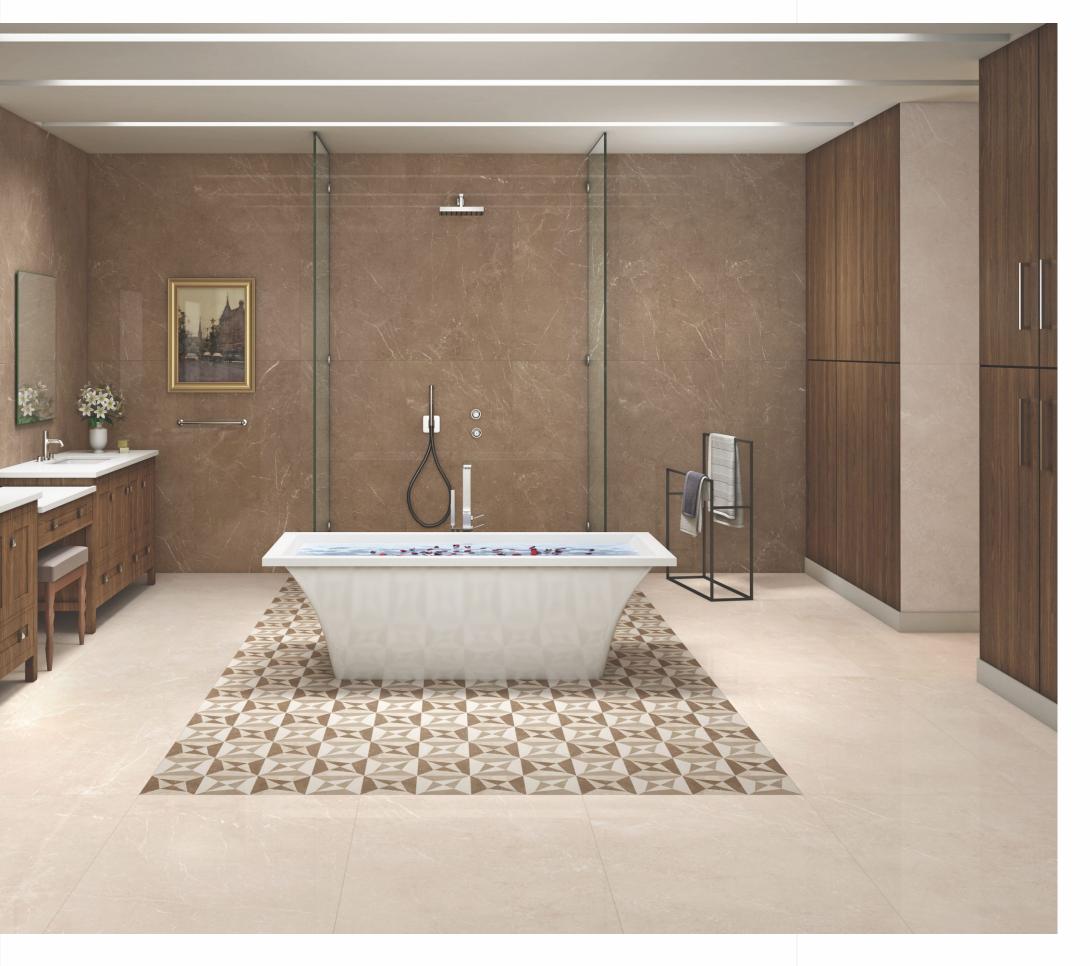
80x160cm



SMOKY COCOA

80x160cm





Wall - Smoky cocoa Size - 80x160cm Surface - High Glossy Thickness - 9mm Floor - Smoky Beige, Mellow Decor 1

<u>Size</u> - 80x160cm <u>Surface</u> - High Glossy <u>Thickness</u> - 9mm











80x160cm



# BURBERRY BEIGE

80x160cm





Wall - Burberry Beige, Mellow Decor 2 Size - 80x160cm

<u>Surface</u> - High Glossy <u>Thickness</u> - 9mm Floor - Silversummer Earth Size - 80x160cm Surface - High Glossy Thickness - 9mm









# MELANGE CREAM

80x160cm





Wall - Melange Cream Size - 80x160cm Surface - High Glossy Thickness - 9mm Floor - Cartel Cream Size - 80x160cm Surface - High Glossy Thickness - 9mm





120x240cm, 80x160cm, 120x120cm, 60x120cm



# SOUL DECOR 1

80x160cm



# SILVER ROOT

120x240cm 80x160cm, 120x120cm, 60x120cm







more faces available

<u>Wall</u> - Silver Root <u>Size</u> - 80x160cm <u>Surface</u> - High Glossy <u>Thickness</u> - 9mm

Floor - Novelle Gris, Soul Decor 1 <u>Size</u> - 80x160cm <u>Surface</u> - High Glossy <u>Thickness</u> - 9mm







PANDA WHITE

120x240cm, 80x160cm, 120x120cm, 60x120cm





Wall - Black Marquina Size - 120x240cm Surface - High Glossy Thickness - 9mm Floor - Panda White Size - 120x240cm Surface - High Glossy Thickness - 9mm









120x240cm, 80x160cm, 120x120cm, 60x120cm





more faces available

Floor - Carrara Neo Size - 120x240cm Surface - High Glossy Thickness - 9mm



more faces available

Wall - Rosso colleman Size - 80x160cm Surface - High Glossy Thickness - 9mm Floor - Novelle Crema Size - 80x160cm Surface - High Glossy Thickness - 9mm



CREMA MARFIL 120x240cm, 80x160cm, 120x120cm, 60x120cm







120x240cm, 80x160cm, 120x120cm, 60x120cm



ARMONIA DECOR 1

80x160cm





Wall - Havana Brown Size - 80x160cm Surface - High Glossy Thickness - 9mm Floor - Bottochino Caldo Size - 80x80cm Surface - High Glossy Thickness - 9mm Floor - Armonia Decor 1 Size - 80x160cm Surface - High Glossy Thickness - 9mm





80x160cm, 120x120cm



# MODERN STATUARIO

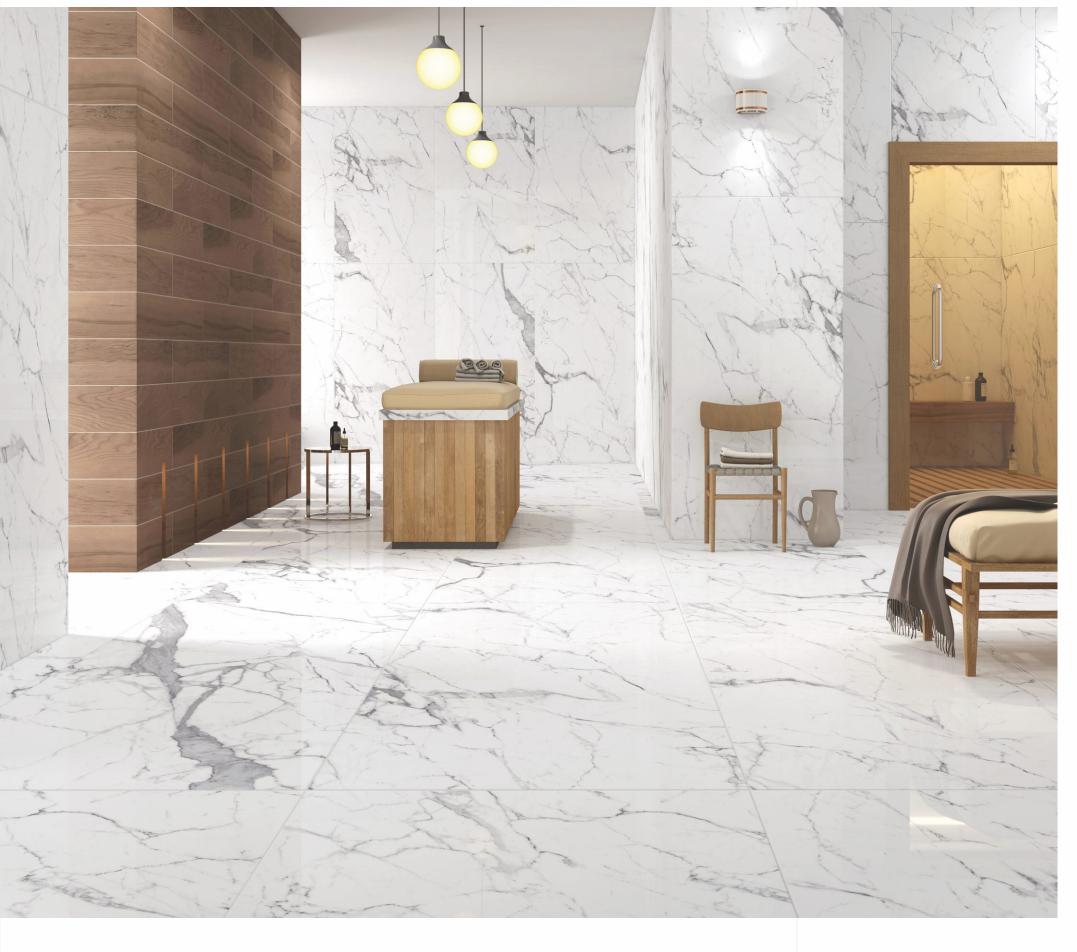
80x160cm



# ARMANI GREY

80x160cm, 120x120cm





Wall - Morden Statuario Size - 80x160cm Surface - High Glossy Thickness - 9mm

<u>Face</u> - Random

Floor - Morden Statuario Size - 80x160cm Surface - High Glossy Thickness - 9mm Face - Random





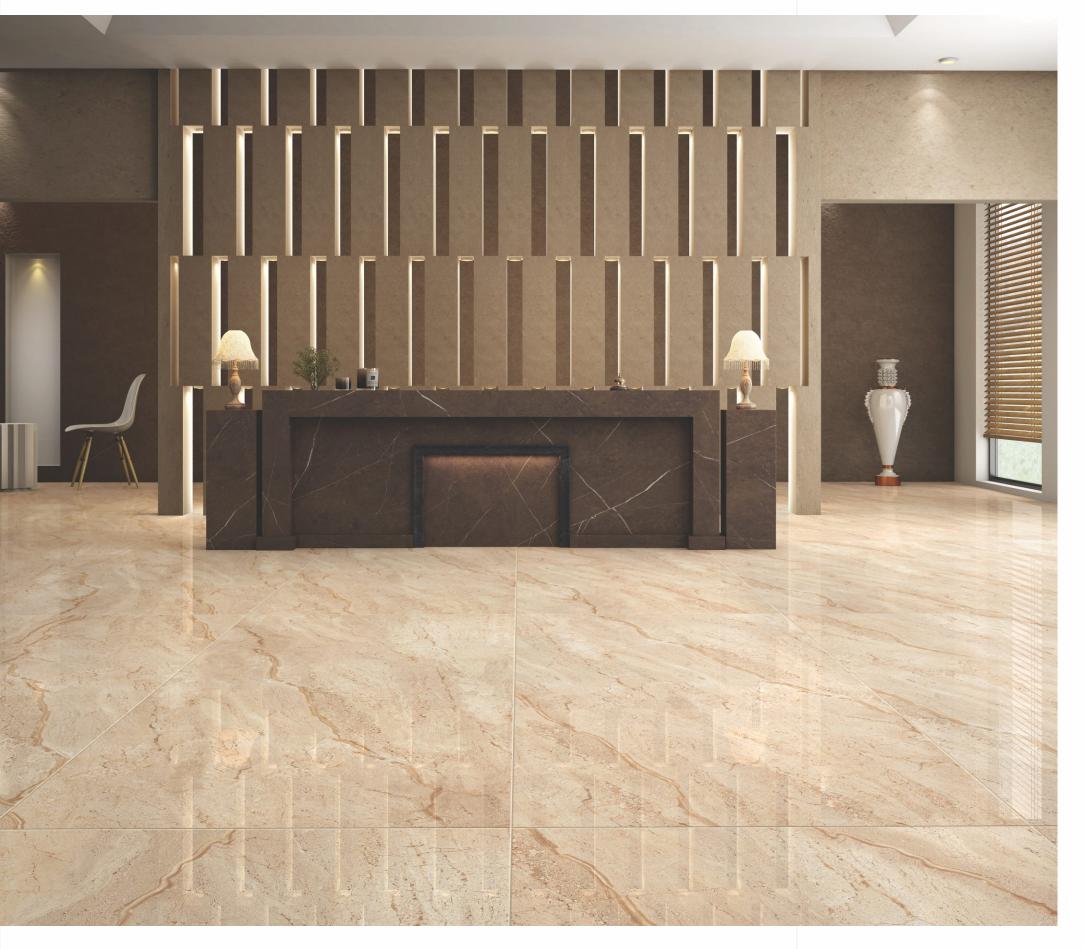




# DYNO ROYAL

80x160cm, 120x120cm





Floor - Diano Pearl Size - 80x160cm Surface - High Glossy Thickness - 9mm Face - Random







# BRESCIA SEEMLESS

80x160cm, 120x120cm





Wall - Aurora Light
Size - 80x160cm
Surface - High Glossy
Thickness - 9mm

<u>Face</u> - Random

Floor - Aurora Light Size - 80x160cm Surface - High Glossy Thickness - 9mm Face - Random







80x160cm, 120x120cm

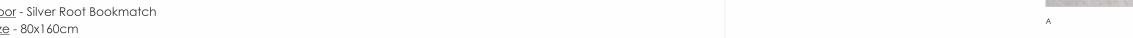




Wall - Crema Dinova Size - 80x160cm Surface - High Glossy Thickness - 9mm Face - Random Floor - Crema Dinova Size - 80x160cm Surface - High Glossy Thickness - 9mm Face - Random

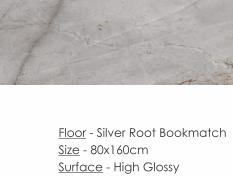






Thickness - 9mm







<u>Floor</u> - Carrara Neo Bookmatch

<u>Size</u> - 80x160cm

<u>Surface</u> - High Glossy

<u>Thickness</u> - 9mm

# CARRARA NEO BOOKMATCH







BLUE BRESCIA BOOKMATCH

80x160cm, 120x120cm



Floor - BLUE BRESCIA BOOKMATCH

Size - 80x160cm Surface - High Glossy Thickness - 9mm Face - A + B



more faces available

<u>Wall</u> - Vecchia Vernice White Decor <u>Size</u> - 80x160cm <u>Surface</u> - Glint <u>Thickness</u> - 9mm <u>Floor</u> - Pozzolana Gris <u>Size</u> - 80x160cm <u>Surface</u> - Glint <u>Thickness</u> - 9mm











80x160cm, 120x120cm



POZZOLANA GRIS

80x160cm, 120x120cm



POZZOLANA NERO

80x160cm, 120x120cm





<u>Wall</u> - POZZOLANA GRIS

<u>Size</u> - 80x160cm

<u>Surface</u> - Matt

<u>Thickness</u> - 9mm

Face - Random

Floor - POZZOLANA GRIS Size - 80x160cm

<u>Surface</u> - Matt <u>Thickness</u> - 9mm

<u>Face</u> - Random





80x160cm, 120x120cm



POZZOLANA BURLY

80x160cm, 120x120cm



POZZOLANA TOBACCO

80x160cm, 120x120cm





<u>Size</u> - 80x160cm

<u>Surface</u> - Matt

<u>Thickness</u> - 9mm

<u>Face</u> - Random









WOOD CAMEL

120x240cm, 80x160cm, 60x120cm





Wall - Wood Camel Size - 120x240cm Surface - Matt Thickness - 9mm Floor - Concrete Camel Size - 120x120cm Surface - Matt Thickness - 9mm Floor - Teakwood Strip Size - 20x120cm Surface - Matt Thickness - 9mm









120x240cm, 80x160cm, 60x120cm





Wall - Wood Taupe Size - 60x120cm Surface - Matt Thickness - 9mm Floor - Concrete Taupe Size - 60x120cm Surface - Matt Thickness - 9mm







# WOOD BONE





120x240cm, 80x160cm, 60x120cm



more faces available

<u>Wall</u> - Wood Bone <u>Size</u> - 120x240cm <u>Surface</u> - Matt <u>Thickness</u> - 9mm

Floor - Concrete Bone <u>Size</u> - 80x160cm <u>Surface</u> - Matt <u>Thickness</u> - 9mm





120x240cm, 80x160cm, 120x120cm, 60x120cm



WOOD CHARCOAL

120x240cm, 80x160cm, 60x120cm





more faces available

Wall - Wood Charcoal Size - 120x240cm Surface - Matt Thickness - 9mm <u>Floor</u> - Concrete Charcoal <u>Size</u> - 120x240cm <u>Surface</u> - Matt <u>Thickness</u> - 9mm









<u>Floor</u> - Sequila Brown <u>Size</u> - 20x160cm

<u>Surface</u> - Matt

<u>Thickness</u> - 9mm

<u>Face</u> - Random

# 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 NORMAL COLOUR PENCIL	WET COTTON CLOTH WET COTTON CLOTH	HOUSEHOLD DETERGENT HOUSEHOLD DETERGENT
16	WAX PENCIL	WET COTTON CLOTH  WET COTTON CLOTH	PAINT REMOVER
18	WAX FEINCIE 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  WET COTTON CLOTH	CITRIC ACID/NIMBU
33	OLIVE OIL	1	BAKING SODA/MILD DETERGENT/ACETONE#/TURPENTINE#
34	MUSTARD OIL	WET COTTON CLOTH	BAKING SODA/MILD DETERGENT/ACETONE#/TURPENTINE#
В. Н	OTEL/FAST FOOD/CAF	É 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	I 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. DO	OMESTIC AREA		
1 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 up to 1225°C and above. Therefore the technical characteristics of ceramics are strengthened and amplified. The resultant product has high strength with certain amount of elastic flexibility.



# IMPACT RESISTANCE

This material has incredible strength, MOR is 40N/mm2 (granite is 13.8N/mm2), breaking strength 2000N (at least 30% to 40% better than granite) and an 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 180x160cm



#### HANDLING

- To prevent breakage, we recommended to keep all Large Format Tiles in their original packaging during handling.
- Tiles measuring 60x120 cm or less can be handled by hand.
- To handle Large Format Tiles, we recommend to use lifting tools with a sucient load capacity.
- The use of forklift is recommended; however, it has to be equipped with following fork details:
- Minimum length of 1.2 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 A 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.



### BLACKROUND / BASE / SCREED

- Prepare a screed with a perfectly flat, dry, compact, dust-free surface, with no cracks or other visible damage. The ideal height dierence 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 ioints 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
- 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
- rap the stab with a rubber matter 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 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
- 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 120x240 cm minimal size actually measures 119.8x239.8 cm), dierent 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 o 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 unlaid 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
- 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 o 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 eects on a piece of an unlaid 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 eects on a piece of an unlaid 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.</li>
- In large areas, appropriate industrial washer-dryers can be used, taking care to finish o 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 SPECIFICATION



CHARACTERISTIC	STANDARD AS PER ISO13006:2012/ EN14411 Gr.Bla	STANDARD AS PER IS15622:2017 Gr.Bla	MEAN VALUE OF SIMPOLO	TEST METHOD
Regulatory Properties —————				
Deviation in length and width	± 0.50 %	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Deviation in thickness	± 5.00 %	± 5.00 %	± 4.00 %	ISO 10545-2 & IS 13630-1
Straightness in side	± 0.50 %	± 0.10 %	± 0.10 %	ISO 10545-2 & IS 13630-1
Rectangularity	± 0.60 %	± 0.10%	± 0.10 %	ISO 10545-2 & IS 13630-1
Surface flatness Central Curvature	± 0.50 %	± 0.50 %	± 0.20 %	ISO 10545-2 & IS 13630-1
Surface flatness Edge Curvature	± 0.50 %	± 0.50 %	± 0.20 %	ISO 10545-2 & IS 13630-1
Surface flatness Warpage	± 0.50 %	± 0.50 %	± 0.20 %	ISO 10545-2 & IS 13630-1
Surface Quality	> 95% defects free	> 95% defects free	> 95% defects free	ISO 10545-2 & IS 13630-1
Small Color Difference	ΔE < 0.75	N.A.	No Change	ISO 10545-16
Glossiness (With Nano Polished)	As per Manufacturer	As per Manufacturer	> 90°*	Gloss Meter 60°
Glossiness (Without Polished)	As per Manufacturer	As per Manufacturer	7° < GLOSS < 14°*	Gloss Meter 60°
Glossiness (Satin)	As per Manufacturer	As per Manufacturer	15° < GLOSS < 25°*	Gloss Meter 60°
Structural Properties —	<u> </u>			
Water absorption	≤ 0.50 %	≤ 0.080 %	≤ 0.060 %	ISO 10545-3 & IS 13630-2
Bulk density	> 2.00 g/cc	Min. 2.20 g/cc	> 2.28 gm/cc	DIN51082 & IS 13630-2
Massive Mechanical Properties —				
Modulus of rupture	Min. 35.0 N/mm <sup>2</sup>	Min. 35.0 N/mm <sup>2</sup>	Min. 38.0 N/mm <sup>2</sup>	ISO 10545-4 & IS 13630-6
Breaking strength thickness <7.5	Min. 700.0 N	Min. 700.0 N	Min. 1000.0 N	ISO 10545-4 & IS 13630-6
Breaking strength thickness ≥7.5	Min. 1300.0 N	Min. 1100.0 N	Min. 1800.0 N	ISO 10545-4 & IS 13630-6
Surface Mechanical Properties —				
MOH'S hardness	Min. 4	Min. 5	Min 4**	EN 101 & IS 13630-13
Surface abrasion resistance-Glossy #	As per Manufacturer	Min. Class II	Min. Class 2 / Min. Class II	ISO 10545-7 & IS 13630-11
Surface abrasion resistance-Matt #	As per Manufacturer	Min. Class II	Min. Class 3 / Min. Class II	ISO 10545-7 & IS 13630-11
Thermal Hygrometric Properties —				
Moisture expansion	Max. 0.06	Max. 0.02	NIL	ISO 10545-10 & IS 13630-3
Thermal expansion(COE) at 100°C	As per Manufacturer	Max. 7.0 x 10 <sup>-6</sup>	Max. 6.0 x 10 <sup>-6</sup>	ISO 10545-8 & IS 13630-4
Thermal shock resistance	Min. 10 Cycle	Min. 10 Cycle	Min. 10 Cycle	ISO 10545-9 & IS 13630-5
Crazing Resistance at 7.5 Bar	As per Manufacturer	Min. 4 Cycle	Min. 4 Cycle	ISO 10545-11 & IS 13630-9
Impact resistance(COR)	As per Manufacturer	Min. 0.55	Min. 0.55	ISO 10545-5 & IS 13630-14
Frost resistance	As per Manufacturer	As per Manufacturer	Frost Proof	ISO 10545-12 & IS 13630-10
Chemical Properties —				
Resistance to Staining Glazed	Min. Class 3	Min. Class I	Min. Class I	ISO 10545-14 & IS 13630-8
Resistance to Household Chemicals &Swimming Pool Salts Glazed	Min. Class GB	Min. Class AA	Min. Class GA/Min. Class AA	ISO 10545-13 & IS 13630-8
**Resistance to Low Concentrate Acidand Alkalis Glazed	As per Manufacturer	As per Manufacturer	Min. Class GLB***/Min. Class A***	ISO 10545-13 & IS 13630-8
**Resistance to High Concentrate Acidand Alkalis Glazed Safety Properties	As per Manufacturer	As per Manufacturer	Min. Class GHB***/Min. Class A***	ISO 10545-13 & IS 13630-8
Skid resistance(DCOF-DRY)	As per Manufacturer	As per Manufacturer	> 0.40	ISO 10545-17
Slip resistance(DCOF)(R value)##	As per Manufacturer	As per Manufacturer		ISO 10545-17
Determination of Lead & Cadmium Release for Glazed Tiles	As per Manufacturer	N.A.	Dose not yield Pb & Cd	ISO 10545-15
Fire Resistance	As per Manufacturer	As per Manufacturer	Fire Proof	N.A.

<sup>\*</sup> Glossiness 90% with nano technology

# PACKING DETAILS

PRODUCT	SIZE	ACTULE SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX	
	80x160cm	798x1598mm	9mm	2 pcs.	2.55 sq. mtr.	27.45 sq. ft.
	120x120cm	1200x1200mm	9mm	2 pcs.	2.88 sq. mtr.	31.00 sq. ft.
SCS	60x120cm	600x1200mm	9mm	2 pcs.	1.44 sq. mtr.	15.50 sq. ft.
	120x240cm	1200x2400mm	9mm	1 pcs.	2.88 sq. mtr.	31.00 sq. ft.
	20x160cm	195x1598mm	9mm	8 pcs.	2.53 sq. mtr.	27.23 sq. ft.

# SIMPOLO EXPERIENCE CENTER / GALLERY / SHOPEE

## GOA (Nuvem)

SIMPOLO EXPERIENCE CENTER Beside kunde Suzuki, Old NH 17, Nuvem Salcete, Goa - 403 604 Mob.: +91 95298 50441

#### **AMRITSAR**

THE INDIAN MARBIE & 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, Banglore - 560 043. Tele.: +91 80 65462222, 65363333 Mob.: +91 99002 31333

#### BHILWARA

HINDUSTAN CERAMIC DISTRIBUTORS Shop No - 12, 13 Surbhi Enclave Opp. Gaytri Mandir Ashram Ajmer Road, Bhilwara. Mob.: +91 98290 40088

# CHANDIGARH (Zirakpur)

New Tile World Zirakpur Patiala Road, Zirakpur (Mohali) Mob.: +91 77174 58683

### COCHIN

SIMPOLO GALLERY Vvasali Bus Stop, Chakkraparambu,

#### CHANDIGARH (Panchkula)

CITY MARBLES Plot No-126 ,Industrial Area Phase-1 Panchkula - 134 109 Mob.: 94171 71835

#### DINDIGUL

AVATHAR CERAMICS No.1, Avthar Nagar,Palani Road, Dindigul-624002 Mo:+91 9367927087

### GANDHIDHAM

SIMPOLO GALLERY Sec. 1-A. Plot 91. First Floor. Gandhidham, Kutch. Mob.: +91 94267 37808

### HISAR

SHRI RAM TILES & SANITARYWARE Mob.: +91 94162 44559, +91 94666 41718

# HUBLI

KOLIWAD MARRI E AND GRANITE Near Manickbag Showroc P.B. Road, Vidhyanagar, Tele.: +91 836 2372580 / 4252580

## JAORA

SHUBH MARBLE AND GRANITE, 30, Industrail Area, Jaora (M.P.) Mob.: +91 98275 62933

#### AGRA

ARAVALI CERAMICS COMPANY (SIMPOLO GALLERY) NH. 2, Mauja Kuberpur Near Reliance Petrol Pump, Tehsil Etmadpur, Agra. Mob.: +91 99971 77711

#### AURANGABAD

VIJAY HOUSE OF FLOORINGS Below Bank of Baroda, Garkheda, Aurngabad - 431 005. Mob.: +91 92724 84848

#### BARODA

SIMPOLO MARKETING 29. Dhanlaxmi Complex Opp. Manglaya Hall, Near Airport Char Rasta, Harni Road, Baroda. Mob.: +91 99749 60603

#### BHOPAL

SHRI GORAJI MARBLE Plot No 91 - A, Near SBI Bank, Bhopal. Mob.: +91 84629 40479, +91 81093 44201

#### CHENNAI

I. K. CLASSIVA 867, Poonamallee High Road, Opp. Kilpauk Police Station, Before Sangam Theatre Kilpauk, Chennai - 600 010. Mob.: +91 98404 61888, +91 99402 52706

#### COCHIN

SREE VENKATESWARA AGENCIES XI/3397, T. D. East Sannidhi Road, Ernakulam - 682 035 Mob.: +91 97444 45454

# DELHI

TECHNO STONE Khasra No. 12, Fatehpur Beri, Chattarpur Mandir Road,
Opp. Narayani Devi Charifable Dispnsary &
Canara Bank, New Delhi - 110 074. Tele.: +91 11 65456660

#### DHULIYA

VIRAJ CERAMICS 87/6, Opp. Hotel Sheetal, Parola Road, Balapur, Dhule - 424 001. Mob.: +91 98501 80401

### GORAKHPUR

SRIRAM TILES Lahiri Building, Bank Road, Gorakhpur - 273 001 Mob.: +91 94152 12082

### HYDERABAD

CERAMIC INC. Solanki Plaza, 8-2-293/K/307, Kamalapuri Colony, Opp. Green Bawarchi Hotel, Hyderabad - 500 073. Tele.: +91 40 23334040, Mob.: +91 90000 18041

## INDORE

PARAG Race Course Road, Indore. Fax: +91 731 2547598

## JALANDHAR

SIMPOLO GALLERY Near Shaheed Babu Labh Singh Nagar, Jalandhar - 144 001

#### AHMEDABAD

SIMPOLO GALLERY First Floor, 103, Sumel - 2, Nr. Gurudwara, S.G. Highway, Mob.: +91 79 40037222

#### AVINASHI

NANDHI PIPES No.39, Vignesh Nagar, Kaikattipudur, Tirupur Main Road, Avinashi - 641 654. Tele:: +91 4296 275740 Mob.: +91 94432 83885

#### BHAVNAGAR

H. F. INTERIORSS H. F. INIERIORSS Plote No.36 , "Anjaney", Ground Floor, Beside D.B. Bath , Nr. Kaliyabid Water tank, Opp. Victoriya Park, Bhavnagar. Tele.: +91 278 2560215 / 16

#### BHUBANESWAR

CERAMIC WORLD 602, Rasulgrah, Opp. Kochilei Market, Cuttack Road, Bhubneswar. Mob.: +91 92384 99102

#### CHIKHLI

PRUTHVI ENTERPRISE Chikhli Bilimora Road, Chikhli, Dist. Navsari. Tele.: +91 2634 231200

# CUTTACK

CERAMIC SALES CORPORATION Gopalpur, NH - 5 Mob.: +91 92384 99114

### DELHI

SIMPOLO GALLERY D-12, Rajouri Garden New Delhi-110027(IND.) Mo: +91 9810424718

#### DEHRADUN

AARAMBH CERAMICS #241/2, First Floor, GMS Road, Near Ballupur Chowk, Satya Vihar Ballupur, Dehradun, Uttarakhand - 248 006.

#### HIMMATNAGAR

CERAMIC GALLERY Sankalp Complex, Samlaji Highway, Near Collage, Motupura, Himmatnagar. Mob.: +91 99798 93772, +91 99798 75772

### HYDERABAD

CERAMIC INC. HNO#4/70/37, Adarsh Nagar, Nagole, Tele: +91 40 65694040 / 5050

## **JAIPUR**

SIMPOLO GOLDEN WINGS TILE SQUARE gopalpura byepass, Jaipur, Raiasthan Mob.: +91 89555 94647

## JODHPUR

SUN - DEEP TILES E-73, Kalptaru Shopping Center, Shastri Nagar, Jodhpur - 342 001. Mob.: +91 96720 11000

<sup>\*\*</sup> Without nano technology (Unpolished Vitrified tiles)

<sup>\*\*\*</sup> Except Hydrofluoric Acid & it's compound

<sup>#</sup> Glaze tiles Intended for use on floor

<sup>##</sup> As per customer requirement

#### KAKINADA

OME AGENCIES Pithapuram Road. Mob.: +91 95533 00022

#### KALABURAGI

SIMPOLO S B Patil Nagar, Chandrakant Patil School Area, Sedam Main Road, Kalaburagi - 585 105 Mob.: +91 89709 41000

#### KOLKATA

SIMPOLO GALLERY Ground Floor, D.B.52 Salt Lake City, Sector 1 Kolkata - 700 064. Mob.: +91 90733 53728

#### NAGAUR

WELCOME TILES AND SANITARY Basni Road, Nagaur - 341 001, Rajastan Mob.: +91 97840 32045, 988758 7715

### NAGPUR

NATURAL CERAMIC Muncipal House 3163/a/388, Hiwari Nagar Layout, Nagpur, Maharashtra - 440 008. Mob.: +91 73878 37332, +91 94236 80788

#### PUNE

SRI PARAM MARKETING Vasant Vastu, Ground Floor, Near Saubhagya Mangal Karyalay, Near City International School, Maharshi Nagar, Pune - 37. Mob.: +91 90280 11200 / 300

### PALAKKAD

M/S. K A V. SHAIK ROWTHER Palakkad - 678 014, Kerala. Tele.: +91 491 2502301, 2537771

# REWA

SANJAY TILES HOUSE Opp. New Bus stand Near uppal, Motors, NH-7, Rewa - 123 401, Madhya Pradesh Mob.: +91 98270 76504

### SATNA

MAHALAXMI TILES Gandhi Chowk, Satna. (M.P.) Mob.: +91 94247 62988

# SURAT

SIMPOLO GALLERY 105-106, 1st Floor, Sapphire Business Hub, Opp. Green Arcade, Opp. Green Arcade, Madhuvan Circle to Green City Road, L.P. Savani Road, Pal. Adajan, Surat - 395 009 Mob.: +91 99796 18009, Tele.: +91 261 2760787

# THRISSUR

CLASSIC SANITARY EMPORIUM Br. Classic Buildware, 11/479-A, Kolothumpady, Irinjalakuda, Thrissur, Kerala. Mob.: +91 98472 10693

## TRIVANDRUM

TARA SANITARY WARES AND TILES Goodwill Tower, Pattom Plamoody Road, Pattom, Trivandrum, Kerala - 695 004. Mob.: +91 94470 55212

# KOLHAPUR

CHANDWANI CERAMIC Kolhapur Sangli Road Shirioli Plot No.65/6, Shrioli Mob.: +91 98220 42900

#### KOTA

AASHIYANA 285 Cm Tower Shopping Center, Kota 324007, Rajastan

#### MIRZAPUR

SIMPOLO GALLERY Beltar, Mirzapur - 231 001, (UP) Mob.: 99195 66556

#### NASHIK

THE CERAMIC STUDIO Shop No.18, Business Bay, Shrihari Kute Marg, Tidke Colony, Mumbai Naka, Nashik - 422 002. Mob.: +91 88477 88888

#### NOIDA

SIMPOLO VITRIFIED PVT .LTD H.139, First Floor, Sector-63 Noida, Uttar Pradesh - 201 301 Tele.: +91 72270 21894

### **PUNE**

STONE CAPITAL BY BHIKSHU GRANMART LLP Mula Road, Khadki, Pune, Maharashtra - 411 003 Mob.: +91 96076 30707

### **RAIPUR**

HOME STYLE & DECOR PVT. LTD. Beside NH MMI Hospital, Opp. Maruti Heritage, Dhamtari Road, Raipur - 492 001 (C.G) Mob.: +91 98266 41666

#### RAJKOT

SIMPOLO GALLERY Govardhan Society, Opp. Hill Burg App., Near Golden Super Market, Vidhyakunj Main Road, Rajkot. Mob.: +91 78744 74448

### SANGAMNER

CERAMIC CENTER Opp. Barf Karkhana Mathurabai Nagar, Kasara Dumala, Akola Road, Sangamner. (M.H.) Mob.: +91 95616 13633

# SILIGURI

S.S. SANITATION Mittal Square, 2nd Floor, Opp. Anandaloke Nursing Home, Sevoke Road, Siliguri - 734001 (W.B) Mob.: +91 94340 27755

## TRICHY

AVTHAR CERAMICS No.1, New Chilan Nagar, Trichy to Chennai bye pass. Road Mob.: +91 75400 00186

#### KARAD

HINDLISTAN TRADERS Bail Bazaar Road, Pin Code:415110,Karad Mob.: +91 9422606241

#### KAITHAL

CHAUDHARY SANITARY & TILES Cheeka Road, Bye Pass Kaithal - 136 027

#### MUMBAI

SIMPOLO GALLERY Mirrolto GALLERY Unit No.: 203, 2nd Floor, Morya Land Mark 2, Near Infinity Mall, Link Road, Andheri (W), Mumbai - 400 053 Tele.: +91 22 40167131

#### NEEMUCH

CAPTAIN TILES CENTER A25, 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, Tele.: +977 14381218

### PANIPAT

SHREE GOPAL MARBLE AND GRANITE Marble Market, Ugra Kheri, Sanoli Road, Panipat - 132 103, Haryana Mob.: 98964 15757

### **RANCHI**

PINK CITY MARBLE Piska More, Ratu Road, Ranchi - 834 005. Mob.: +91 94313 51883, +91 94311 70475

#### Sangli

VARDHMAN ENTERPRISE 213, Sangli Kolhapur Road, Opp. Hyundai Showroom, Sangli-Ankali. Tele.: +91 9011093586 /87/88 Mob.: +91 9623962387

### SIRSA

Deepak Marbles Suratgari Bazar, Mob.: +91 98961 00032

# 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, Tele.: +91 431 2415751

# 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 93702 84099	MANGALORE	+91 93411 69424
BHATINDA	+91 85951 97548	HIMACHAL	+91 74348 51096	MORBI	+91 99980 23914
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 99256 23322	HARIDWAR	+91 75748 62729	PUNE	+91 93734 64009
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 94191 21401	RANCHI	+91 73600 66903
CHANDIGARH	+91 99889 44733	JALANDHAR	+91 93570 32211	RAIPUR	+91 95222 23980
CALICUT	+91 75748 62674	JABALPUR	+91 93298 27222	RAJKOT	+91 99980 23910
COCHIN	+91 93493 39938	JAIPUR	+91 74348 51098	SURAT	+91 99980 23915
CHENNAI	+91 70944 74180	JODHPUR	+91 77425 25242	SILIGURI	+91 90733 53733
COIMBATORE	+91 70944 74183	Karnal	+91 75748 62785	TRISSUR	+91 93493 39938
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 93493 39938	VIJAYAWADA	+91 93466 08791
GURGAON	+91 99533 50368	KOTTAYAM	+91 93493 39938	VISAKAPATNAM	+91 93966 35554

**CUSTOMER CARE:** Toll Free: 1800 233 2223 | Cell: +91 75748 62982 / 83 | Email: customercare@simpolo.net



# 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, 2<sup>nd</sup> 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

www.simpolo.net | Toll Free No.: 1800-233-2223