MINIMO

COLLECTION

60x120cm
60x60cm

Simpolo®

Tiles & Bathware

Surreal aesthetics & diversity of narratives

Nature serves as the ultimate source of inspiration and drawing cues from its ever-evolving elements we bring you the Flaky and Solid Series. Inspired by the furfuraceous terrains, patchy, dispersed, and solid one-colored dunes stretching fire and wide looking just the same the series artfully blend natural inspiration and modern aesthetics.

FLAKY

SOLID

**FULLBODY
VITRIFIED TILES**

**COLORBODY
GLAZED VITRIFIED TILES**

Sizes
60x120cm, 24"x48"
60x60cm, 24"x24"

Surfaces
Matt, Glossy
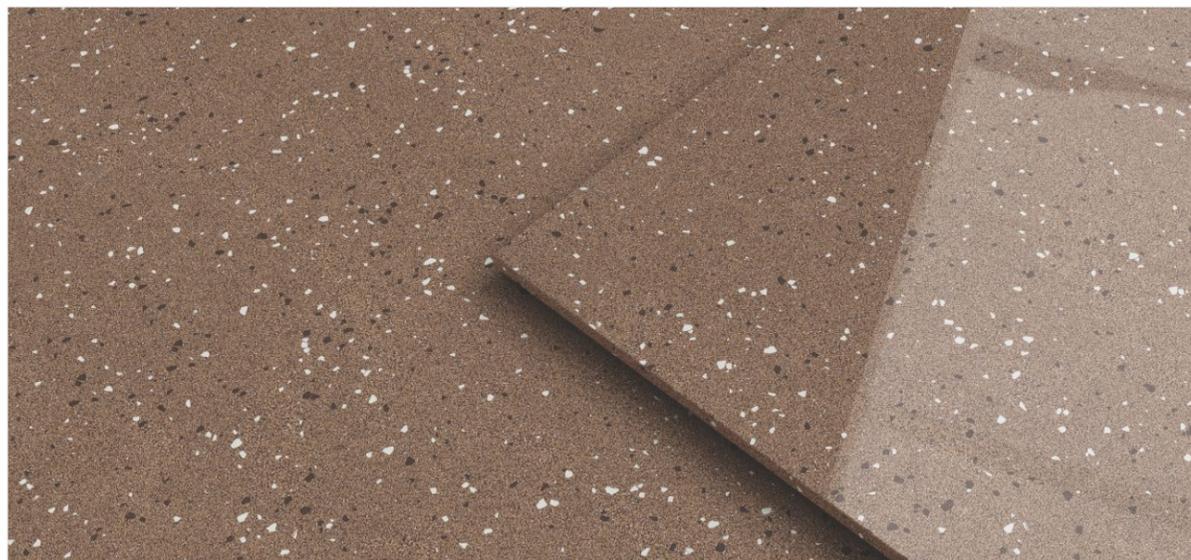
Thickness
8.5mm

Timeless accessories for the right amount of grandeur

THE FLAKY SERIES

Inspired by the scattered and grainy terrains the Flaky Series from Simpolo revives the classic ceramic design of salt and pepper featuring a sprinkled dotted design that stays timeless.

THE SOLID SERIES

The Solid Series takes its inspiration from the one-colored sand dunes crafting a collection complimenting modern-day design sensibilities of minimal design and solid colors taking the forefront.

FLAKY & SOLID
SERIES

LIQUID REPELLENT · STAIN RESISTANT · SCRATCH RESISTANT · FIRE RESISTANT · RESISTANT TO UV RAYS · IMPACT RESISTANT · FROST RESISTANT
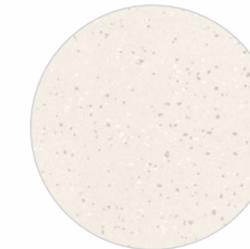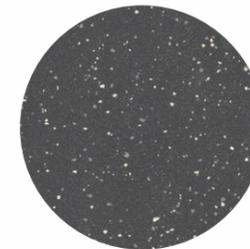
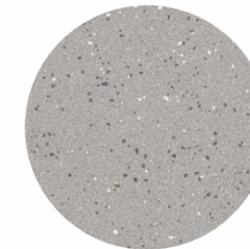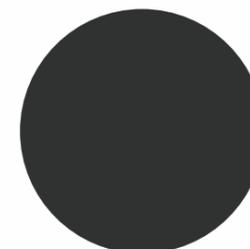## FLAKY SERIES (MATT, GLOSSY)

FLAKY BROWN

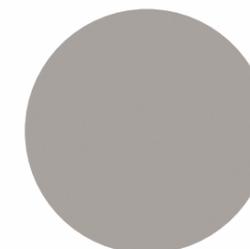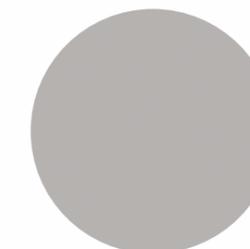FLAKY CREMA

FLAKY WHITE

FLAKY BLACK

FLAKY GREY

SOLID SERIES (MATT)

SOLID BLACK
(COLORBODY)

SOLID ASH

SOLID DOVE

SOLID WHITE
(COLORBODY)
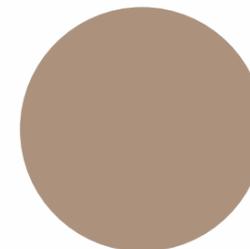
SOLID BARLEY
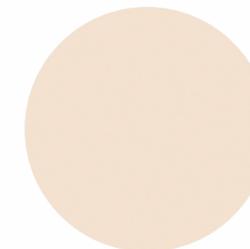
SOLID CREMA
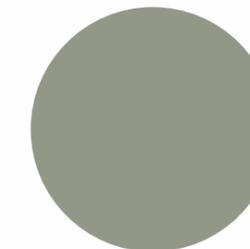
SOLID KOTA

The versatile, classic, and contemporary colors of the collection best paired with exceptional features are a sure-shot recipe for spaces elegant and functional in equal measures.

5 COLORS

FLAKY BROWN

FLAKY CREMA

FLAKY WHITE

FLAKY GREY

FLAKY BLACK

FLAKY
SERIES

The classic Flaky Series features colors and shades as classic as the design itself. The colors ranging from shades of beige and white take a dramatic turn with black, brown, and grey offering a wide palette for preferences.

Wall	**Flaky White**	Floor	**Flaky Brown**
Size	**60x120cm**	Size	**60x60cm**
Surface	**Glossy**	Surface	**Matt**

FLAKY
SERIES

Wall	**Flaky White**	Floor	**Flaky Brown**
Size	**60x120cm**	Size	**60x60cm**
Surface	**Glossy**	Surface	**Matt**

FLAKY BROWN
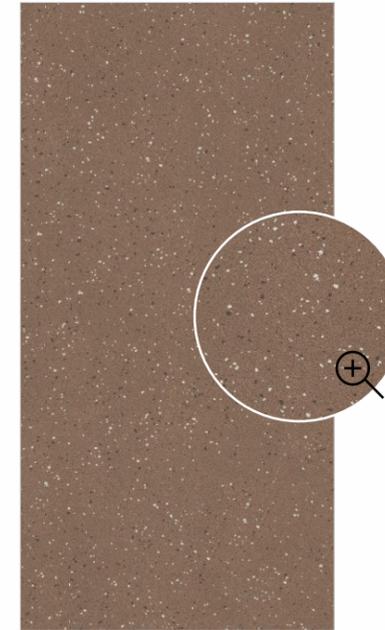
FLAKY CREMA

Scan for Virtual
360°
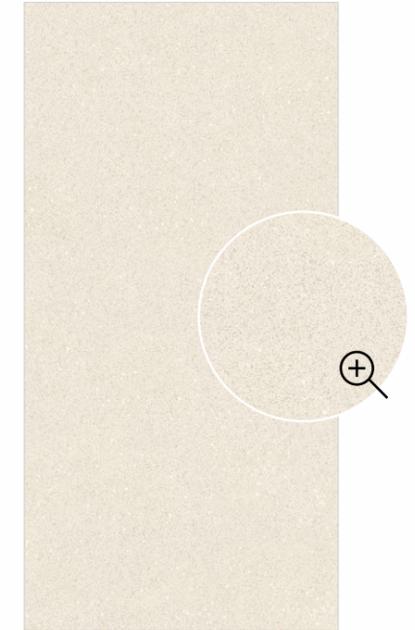
Scan for Virtual
360°

60x 120cm	60x 60cm

Surface - **Matt, Glossy**

Thickness - **8.5mm**

Fullbody Vitrified Tiles

Wall	**Flaky Black**	Floor	**Flaky White**
Size	**60x120cm**	Size	**60x60cm**
Surface	**Glossy**	Surface	**Glossy**

FLAKY WHITE

Scan for Virtual
360°

60x
120cm

60x
60cm

Surface - **Matt, Glossy**

Thickness - **8.5mm**

Fullbody Vitrified Tiles

FLAKY GREY
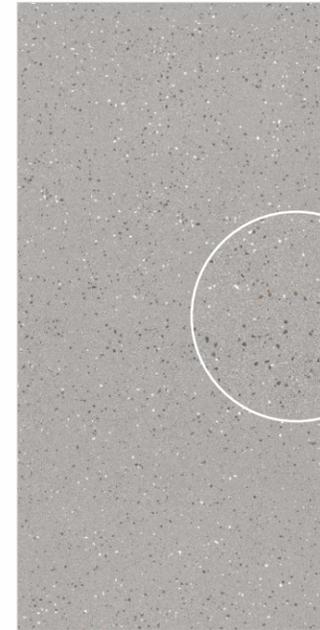
FLAKY BLACK
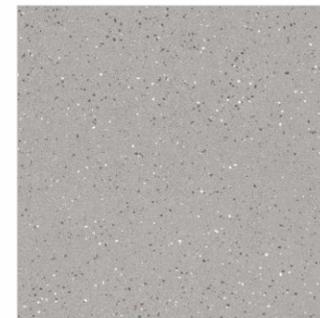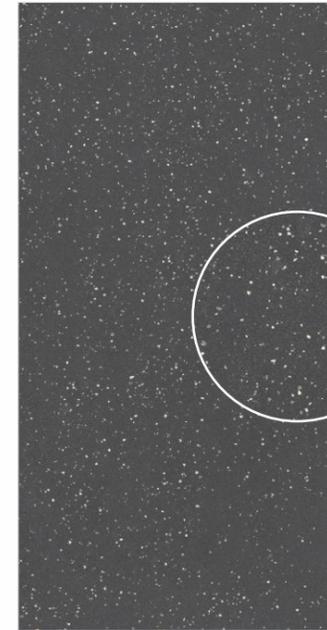
Scan for Virtual
360°

Scan for Virtual
360°

60x
120cm

60x
60cm

Surface - **Matt, Glossy**

Thickness - **8.5mm**

Fullbody Vitrified Tiles

SOLID BARLEY

SOLID CREMA

SOLID WHITE
(COLORBODY)

SOLID DOVE

SOLID ASH

SOLID KOTA

SOLID BLACK
(COLORBODY)
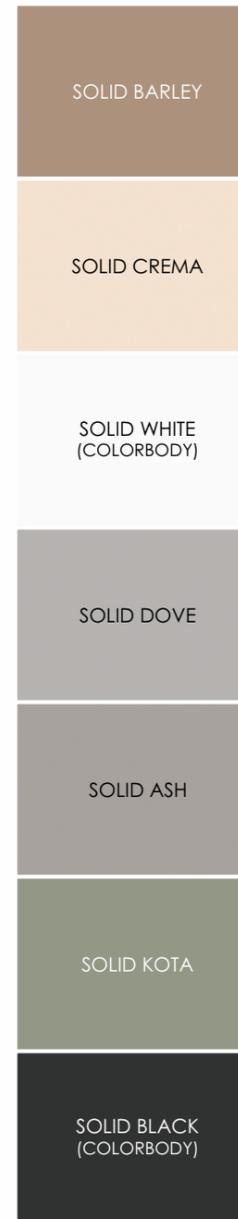
SOLID
SERIES

The palette of the Solid Series consists
of undertones, modern minimal colors,
and dark urban shades which go well
with a contemporary interior design
palette crafting voguish spaces in line
with current spatial trends.

Wall **Solid Barley**
Size **60x120cm**
Surface **Matt**

Floor **Solid Crema**
Size **60x120cm**
Surface **Matt**

SOLID
SERIES

SOLID BARLEY   SOLID CREMA

Scan for Virtual
360°

Scan for Virtual
360°

Wall   **Solid Barley**   Floor   **Solid Crema**
Size   **60x120cm**   Size   **60x120cm**
Surface   **Matt**   Surface   **Matt**

60x 120cm	60x 60cm	Surface - **Matt**
		Thickness - **8.5mm**

Fullbody Vitrified Tiles

SOLID
SERIES

Wall **Solid Dove** Floor **Solid Ash**
Size **60x120cm** Size **60x120cm**
Surface **Matt** Surface **Matt**

SOLID DOVE

SOLID ASH

Scan for Virtual
360°

Scan for Virtual
360°

60x
120cm

60x
60cm

Surface - **Matt**

Thickness - **8.5mm**

Fullbody Vitrified Tiles

Wall	**Solid Dove**	Floor	**Solid Ash**
Size	**60x120cm**	Size	**60x120cm**
Surface	**Matt**	Surface	**Matt**
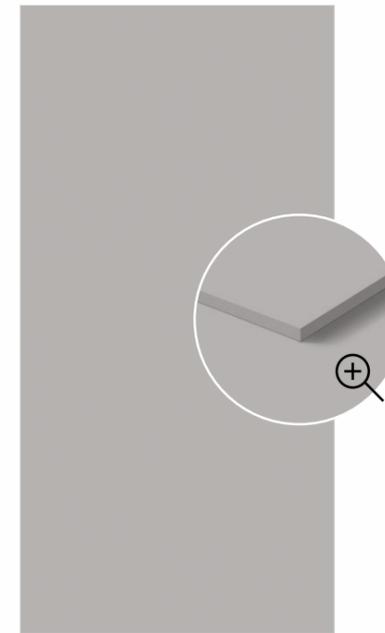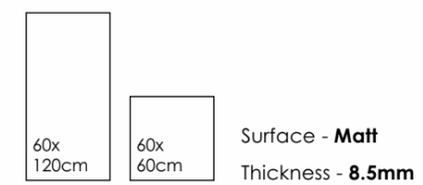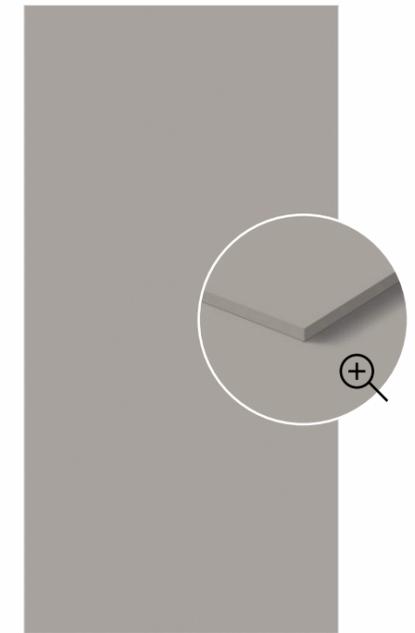
SOLID
SERIES

SOLID KOTA

Floor **Solid Kota**
Size **60x60cm**
Surface **Matt**
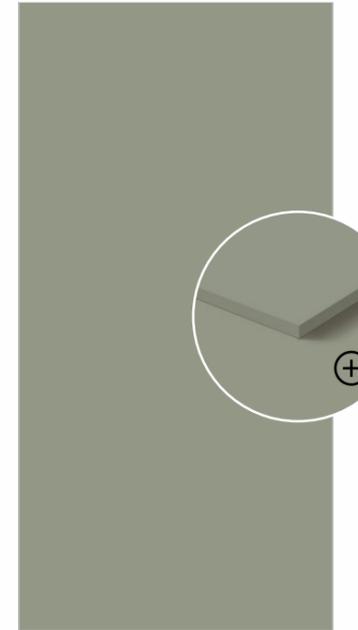
60x
120cm

60x
60cm

Surface - **Matt**
Thickness - **8.5mm**

SOLID
SERIES

Scan for Virtual
360°

FULLBODY
VITRIFIED TILES

COLORBODY
GLAZED VITRIFIED TILES

Wall	**Solid Black**	Floor	**Solid White**
Size	**60x120cm**	Size	**60x120cm**
Surface	**Matt**	Surface	**Matt**

SOLID
SERIES

SOLID WHITE

SOLID BLACK

Scan for Virtual
360°

Scan for Virtual
360°

60x
120cm

60x
60cm
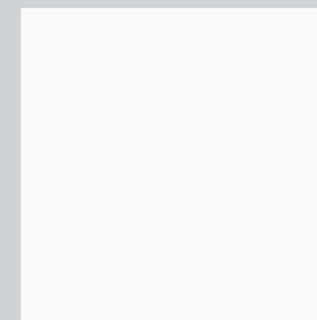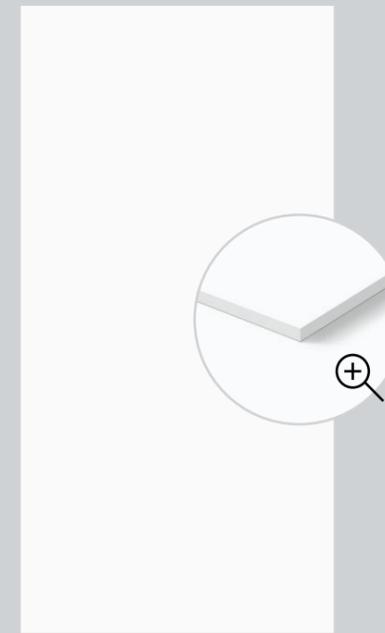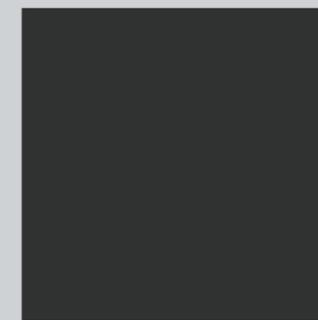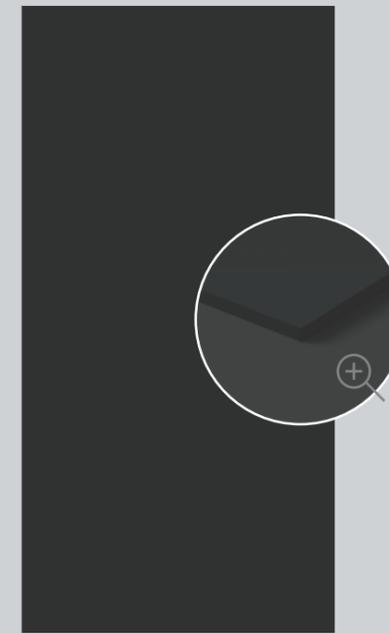
Surface - **Matt**

Thickness - **8.5mm**

Colorbody Glazed Vitrified Tiles

COMMONLY AFFECTED STAINS GUIDANCE

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

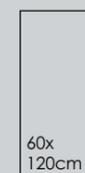| SR. NO.	SUBSTANCES	NANO TREATED SURFACE	REGULAR SURFACE
A. DOMESTIC AREA			
1	GREEN VEGETABLE STAIN	WET COTTON CLOTH	MILD DETERGENT
2	FRUIT STAIN	WET COTTON CLOTH	MILD DETERGENT
3	DAL-SAMBHAR	WET COTTON CLOTH	CITRIC ACID/NIMBU
4	CURRY	WET COTTON CLOTH	CITRIC ACID/NIMBU
5	TOMATO SAUCE	WET COTTON CLOTH	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 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 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 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 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.
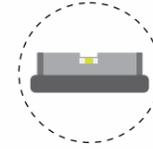
USE OF TILE LEVELLING SYSTEM DURING THE INSTALLATION

- 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 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 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 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 effects 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.
- 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
FLAKY & SOLID SERIES

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.Bla	STANDARD AS PER IS 15622:2017 Gr.Bla	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 <1.00	N.A.	ISO 10545-16	ΔE <1.00
Glossiness (Polished)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	≥ 90
Glossiness (Matt)	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	3 ≤ Gloss Value ≤14
Glossiness (R Value)##	As per Manufacturer	As per Manufacturer	Gloss Meter 60°	≤ 7
Structural Properties				
Water Absorption	≤0.50 %	≤0.080 %	ISO 10545-3/IS 13630-2	≤0.080 %
Bulk Density	As per Manufacturer	Min 2.20 g/cc	ISO 10545-3/IS 13630-2	> 2.28 gm/cc
Massive Mechanical Properties				
Modulus of Rupture (8.5 mm, 9 mm,10 mm)	Min. 35.0 N/mm²	Min. 35.0 N/mm²	ISO 10545-4/IS 13630-6	Min. 37.0 N/mm²
Modulus of Rupture (12mm, 16mm)	Min. 35.0 N/mm²	Min. 35.0 N/mm²	ISO 10545-4/IS 13630-6	Min. 40.0 N/mm²
Modulus of Rupture (20 mm)	Min. 35.0 N/mm²	Min. 35.0 N/mm²	ISO 10545-4/IS 13630-6	Min. 42.0 N/mm²
Breaking Strength Thickness ≥7.5 mm(8.5mm,9mm,10 mm)	Min 1300.0 N	Min 1300.0 N	ISO 10545-4/IS 13630-6	Min 1500.0 N
Breaking Strength Thickness ≥7.5 mm (12mm)	Min 1300.0 N	Min 1300.0 N	ISO 10545-4/IS 13630-6	Min 1800.0 N
Breaking Strength Thickness ≥7.5 mm (16mm)	Min 1300.0 N	Min 1300.0 N	ISO 10545-4/IS 13630-6	Min 6000.0 N
Breaking Strength Thickness ≥7.5 mm (20mm)	Min 1300.0 N	Min 1300.0 N	ISO 10545-4/IS 13630-6	Min 8000.0 N
Surface Mechanical Properties				
MOH'S Hardness #	As per Manufacturer	Min. 5	BS EN 15771/IS 13630-13	Polished Min 4**/Satin,Posh & Matt Min 6
Surface Abrasion Resistance (Glazed) #	As per Manufacturer	Min. Class II	ISO 10545-7/IS 13630-11	Polished Min II**/Satin,Posh & Matt Min III
Deep Abrasion Resistance (Unglazed)#	Max. 175 mm³	Max. 140 mm³	ISO 10545-6/IS 13630-12	Max 132 mm³
Thermal Hygrometric Properties				
Moisture Expansion	Max 0.06% (0.6 mm/m)	Max 0.02 mm/m	ISO 10545-10/IS 13630-3	Max 0.02 mm/m
Thermal Expansion(COE) at 100°C	As per Manufacturer	Max. 6.0 x 10-6	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	4 Cycle	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 13630-8	Min. Class 3/Min. Class 1
Resistance to Staining Unglazed	As per Manufacturer	Min Class 2	ISO 10545-14/IS 13630-8	Min. Class 4/ Min. Class 2
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 Household Chemicals & Swimming Pool Salts Unglazed	Min Class UB	As per Manufacturer	ISO 10545-13/IS 13630-7	Min Class UB/Min Class A
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 Low Concentrate Acid and Alkalis Unglazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-7	Min Class ULB***/ Min Class A***
Resistance to High Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-7	Min Class GHB***/ Min Class A***
Resistance to High Concentrate Acid and Alkalis Unglazed	As per Manufacturer	As per Manufacturer	ISO-10545-13/IS 13630-7	Min Class UHB***/ Min Class A***
Safety Properties				
Skid Resistance - (DCOF-WET PENDULUM)##	As per Manufacturer	As per Manufacturer	BS 7976-2	Glossy ≥P0, Satin, Posh ≥P1 Matt ≥P2
Slip Resistance -Satin/ Matt (DCOF- R Value)##	As per Manufacturer	As per Manufacturer	DIN 51130	R9 to R13
Lead and Cadmium release	As per Manufacturer	N.A.	ISO-10545-15	Does not yield Pb &Cd

* Whichever is Lower
** With nano technology (Polished Vitrified tiles) Depending on Application area (low or high intensity of trafic)
*** Except Hydrofluoric Acid & it's 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	
Flaky & Solid	60x120cm	600x1200mm	8.5mm	3 pcs.	2.16 sq. mtr.	23.25 sq. ft.
	60x60cm	600x600mm	8.5mm	4 pcs.	1.44 sq. mtr.	15.50 sq. ft.

Simpolo
Tiles & Bathware

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
5th Floor, DD-27, Salt Lake City, Sector 1, Near Salt Lake City Center, Kolkata - 700 064. (W.B.)
Mob.: +91 90733 53728, E-mail: kolkata@simpolo.net

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