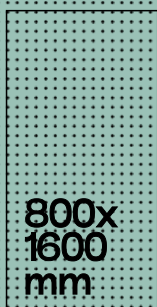
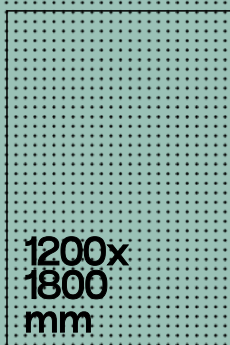


CALYPSO

COLLECTION



Granolith
Surface_

Product Catalogue 2023



MODERN

Surfaces with endless possibilities

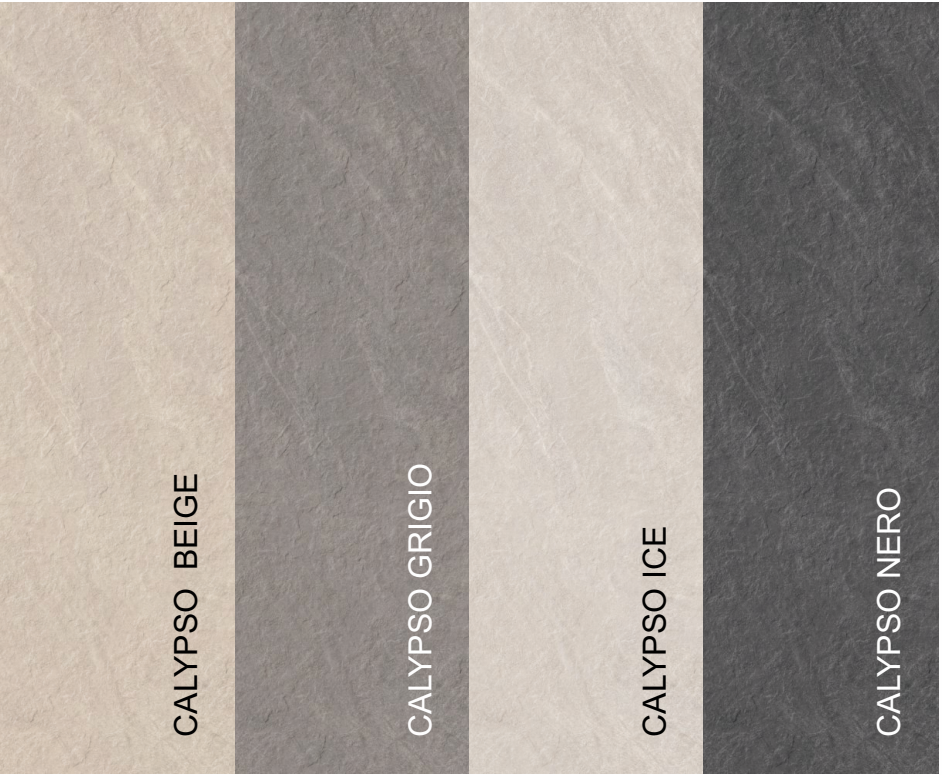
The collection is inspired by the charm of terrestrial abundance that sustains varied lives and landforms. It speaks of the earthy charm that is expressed through the magnificent tones and textures.

The surfaces come in four amazing shades that speak of the divine terrestrial aura. It exudes sustainability, naturalness and ingenuity in equal measure. The shades in a way elevate the classy appeal of your space.

Talking about the intrinsic features of the surfaces then it adds resilience to your abode along with durability, aesthetic appeal and functionality. It speaks of various shades of opulence that transcend your abode into an intriguing living space.

Finally, the collection lends innate beauty to the space and leaves room for imagination. It brings the mass-appealing details into vogue leaving any spectator in awe! Let your abode go through the innovative perspective of urbane living and feel the freshness of modernity.

Color Range



SIZES

Where excellence
meet elegance

The astonishing Calypso Collection consist of remarkable surfaces in size 800x1600mm with 9mm thickness. It generates curiosity when applied on interiors as it is equipped with excellent shades and expressive details. The fine craftsmanship can be seen in the marvel sized surfaces.

1200x
1800mm

800x
1600mm

Granolith Surface_

NATURE INSPIRED

Taking cues from the asymmetrical forms of nature the collection brings refined and rustic splendor in one.



PRESENTING

Technically rich
ceramic surfaces

Glazed Vitrified Tiles

Tile Body

The best quality raw materials make up the resilient and robust tile body of Our tiles. The raw materials are ethically sourced and sustainably processed.

Engobe Layer

A highly opacious, fusible, and permeable engobe layer makes the second layer of the tiles of Our. The layer makes the tiles highly resistant to water absorption for longevity.

High Pigment Digital Printing Ink

The Our surfaces get their unique and versatile properties of the design, color, and more in this stage where digital printing is done on the glaze with high pigment ink for excellent results.

Glaze Layer

A high-quality glaze coating is added to the engobe layer of the Our tiles giving the tile properties of texture and shine and making them ready for design and color.

WIDE SELECTION

Explore a superior and wide selection of ceramic color bodies.



Surfaces loaded with functionalities



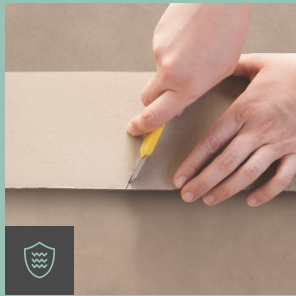
EASY TO CLEAN

The superior glaze of the collection makes the surfaces easy to clean and low maintenance.



STAIN RESISTANT

Do not worry about spills and stains with the high stain-resistant glaze of the premium Our surfaces.















SCRATCH RESISTANT








Enjoy new-looking surfaces for a very long time with highly scratch and abrasion-resistant surfaces.

EXPLORE CLASSY FEATURES AND VERSATILE APPLICATION

Technical Features:-

 Easy To Maintain	 UV Resistant	 Non-slip	 Dimensional Stability
 Resistant To Chemicals	 Resistant To Acids	 Water Proof	 Fire Resistant
 Prevents Bacterial Growth	 Heat Resistant	 Frost Resistant	 Ecological

Application Areas:-

 Residence	 Shops	 Offices	 Airports
 Hotels	 Public Places	 Malls	



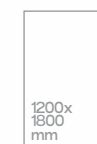
Preview of_ Calypso Ice



CALYPSO **ICE**

Granolith
Surface

9mm
Thickness



Touch For
Hear Virtual



CALYPSO ICE

Random - 4 Faces



Body Type
White





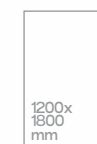
Preview of_ Calypso Grigio



CALYPSO **GRIGIO**

Granolith
Surface

9mm
Thickness



Touch For
Hear Virtual



CALYPSO GRIGIO

Random - 4 Faces



Body Type
Grey





Preview of_ Calypso Nero



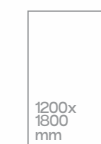
Random - 4 Faces



CALYPSO **NERO**

Granolith
Surface

9mm
Thickness



1200x
1800
mm

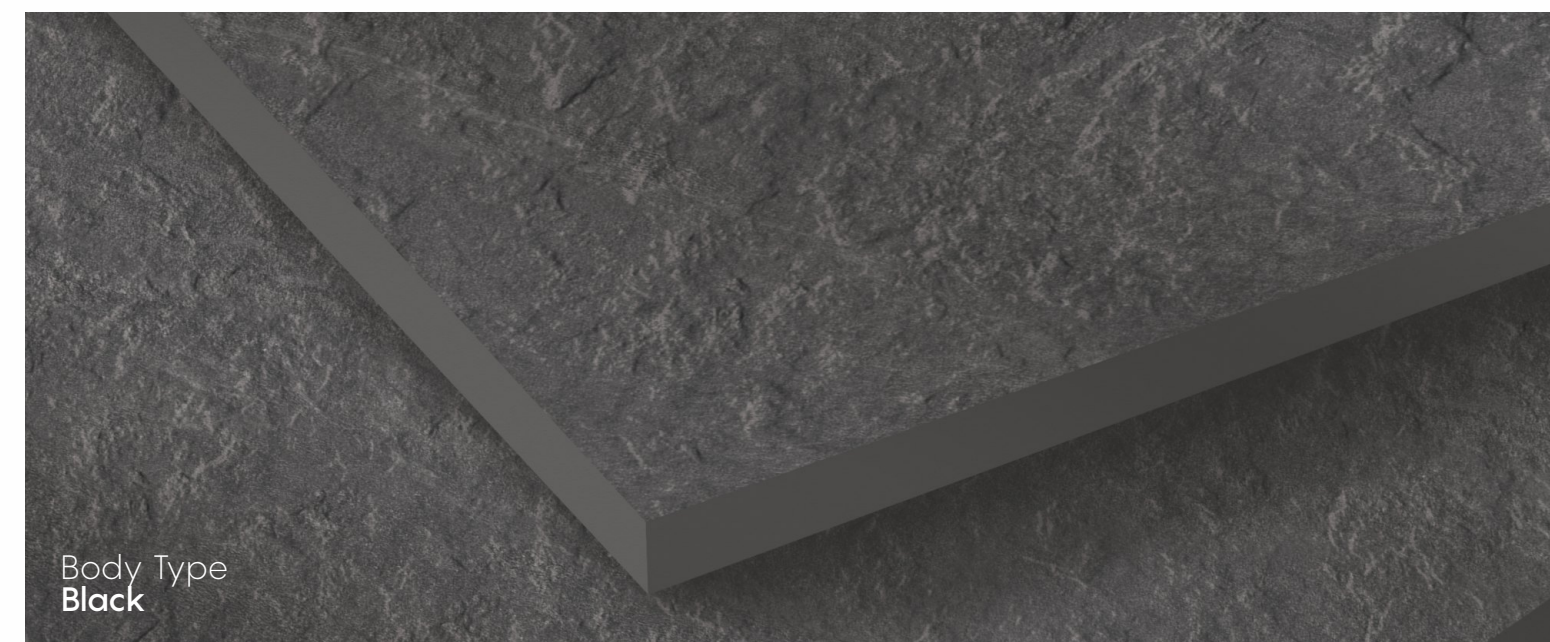
800x
1800
mm



Touch For
Hear Virtual



CALYPSO NERO



Body Type
Black





Preview of_ Calypso Beige



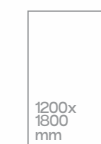
Random - 4 Faces



CALYPSO **BEIGE**

Granolith
Surface

9mm
Thickness



Touch For
Hear Virtual



CALYPSO BEIGE



Body Type
Ivory



Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MEAN VALUE OF OUR GVT	TEST METHOD
REGULATORY PROPERTIES			
Deviation in length & width	±0.5 %	±0.2 %	ISO-10545-2
Deviation in thickness	±5.0 %	±4.0 %	ISO-10545-2
Straightness in side	±0.5 %	±0.15 %	ISO-10545-2
Rectangularity	±0.6 %	±0.2 %	ISO-10545-2
Surface flatness	±0.5 %	±0.2 %	ISO-10545-2
Color difference	Unaltered	Slight variation is possible due to different batches as per signed samples	ISO-10545-16
Glossiness	As per mfg	Sharp	GLOSSOMETER
SURFACE MECHANICAL PROPERTIES			
Water absorption	< 0.50 %	< 0.5 %	ISO-10545-3
Apparent density	> 2.0 g/cc	> 2.28 gm/mm ²	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
Modulus of rupture	Min. 35 N/mm ²	Min. 35 N/mm ²	ISO-10545-4
Breaking strength	Min. 1300 N	Min. 1700 N	ISO-10545-4
Impact resistance	As per mfg.	Min. 0.55	ISO-10545-5
SURFACE MECHANICAL PROPERTIES			
Surface abrasion resistance	As per mfg	Min. Class-4	ISO-10545-7
MOH's hardness	As per mfg	Min. 5	EN 101
THERMO HYGROMETRIC PROPERTIES			
Frost resistance	No damage	No damage	ISO-10545-12
Thermal shock resistance	No damage	No damage	ISO-10545-9
Moisture expansion	Nil	0.1 (mm/3)	ISO-10545-10
Thermal expansion (COE)	Max. 9.0 x 10-6	Max. 6.5 x 10-6	ISO-10545-8
Crazing resistance	As per mfg	Min. 7 Cycle	ISO-10545-11
CHEMICAL PROPERTIES			
Chemical resistance	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	ISO-10545-14

Size	Thickness (approx.)	Pieces / Box	Area / Box	Wt./Box (approx.)
1200x1800mm	9 mm	2 pcs.	4.32 sq. mtr.	92 kgs.
800x1600mm	9 mm	2 pcs.	2.56 sq. mtr.	52 kgs.

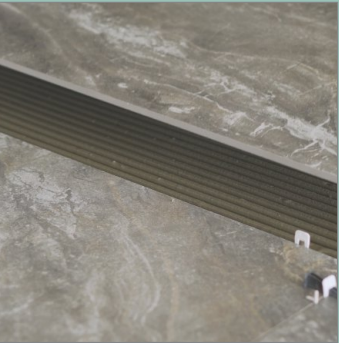
Laying & Levelling



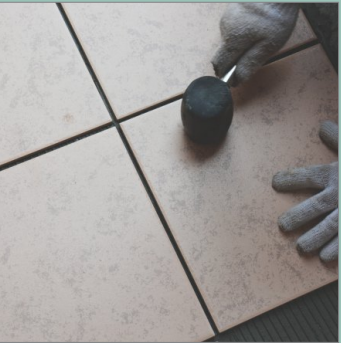
Base Structure



Cement Laying On Tile



Joints



Fixing The Tile



Spacers + Laveller



Lavelling Wedges



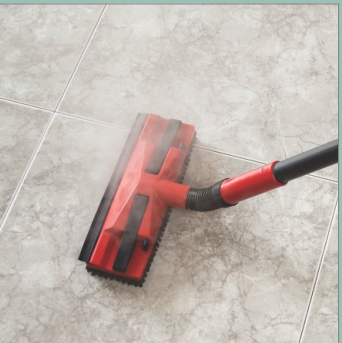
After Lavelling Process
Leave Int For 8-10 Hrs.



Remove Wedges
Ones It Dry



Joint Grouting



Final Cleaning

Floor and Wall Installation

1. First spread the cement mixer onto the floor and wall substrate.
2. At the same time, apply the cement mixer onto the back of the slab with a tile trowel.
3. The recommended cement mixer must be spread over in one direction only.
4. Using a trowel and follow the same direction as previously applied to the back of the slab.
5. Being careful to maintain a minimum joint of 3mm.
6. Tab the slab with a rubber trowel for a complete fixing, ensuring the air is expelled. It is recommended to start from the centre of the slabs and then move towards the edges.
7. Complete the laying operations using a suitable sealant, while keeping at least a 3mm joint through the use of spacers.
8. To make this task easier, use the special device for pulling over the slabs, available in the market.
9. Levelling wedges at each linear metre of the slabs are recommended.
10. After levelling process leave it for 8-10 hours, remove wedges once it gets dry.

