

# monolith

VOGUISH SURFACES



CAPTURING ESSENCE OF  
ITALIAN SURFACES

800x  
1600  
mm

**GRANOLITH**  
SURFACE

**REFLEX**

800x1600mm LITHOS PUNCH

**monolith**  
VOGUSH SURFACES



**23** YEARS *of*  
EXCELLENCE

## WE ARE MONOLITH

Our slabs are designed within a framework that finds a blend of modern edge and classic vitality to become an essential choice for the future architectural and interior design style. This superior quality is achieved through research and innovation. We at Monolith believe in living life king size and our grand tiles are designed to evoke luxury and grandeur in every place they are installed.

## BRAND PROMISE

- QUALITY
- SERVICES
- ETHICAL PRACTICE
- VALUE AND MONEY
- CUSTOMER DELIGHT

# REFLEX

800x1600mm LITHOS PUNCH

## COLORS OF SUBLIME CLASS

Experience the seamless elegance of our 800x1600mm size tiles as they grace your floors and walls with their expansive dimensions and flawless craftsmanship. With their generous scale and impeccable finish, these tiles create an atmosphere of unparalleled luxury, transforming any room into a majestic sanctuary fit for royalty.

[monolithsurfaces.com](http://monolithsurfaces.com)



REFLEX ICE

REFLEX GREY

REFLEX CREMA

REFLEX TAUPE

REFLEX ANTHRACITE

## INVENTIVE PATTERN



Inspired by the artistry of sculpting,  
our LITHOS punch techniques  
infuse depth and texture into  
spaces, elevating ordinary surfaces  
to extraordinary works of art.

# GLAZED VITRIFIED TILES

## TILE BODY

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

## GLAZE LAYER

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

## ABRASION-RESISTANT GLAZE LAYER

The most exceptional aspect of Monolith surfaces is their high abrasion-resistant glaze layer which protects the tile's aesthetics, and properties and enhances the functionality of the tiles to a greater extent.

## ENGOBE LAYER

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

## HIGH PIGMENT DIGITAL PRINTING INK

The Monolith 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.



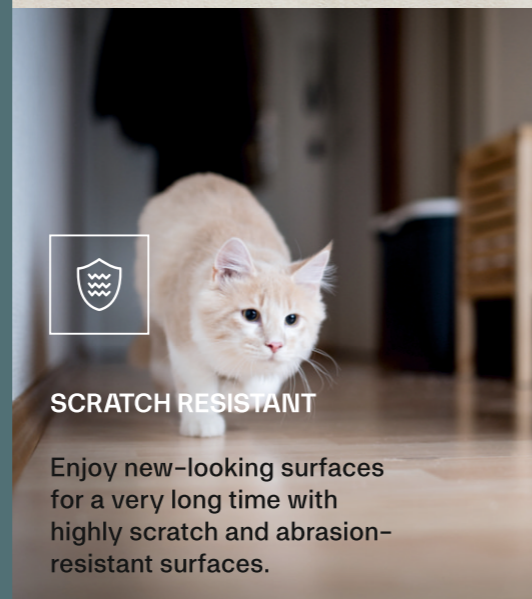
### EASY TO CLEAN

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 Monolith surfaces.



### SCRATCH RESISTANT

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

# TECHNO RICH SURFACES WITH VERSATILE FEATURES

## TECHNICAL FEATURES:-



Easy To Maintain



UV Resistant



Non-Slip



Dimensional Stability



Resistant To Chemicals



Resistant To Acids



Water Proof



Fire Resistant



Frost Resistant



Prevents Bacterial Growth



Heat Resistant



Eco-logical

## APPLICATION AREAS:-



Residence



Shops



Offices



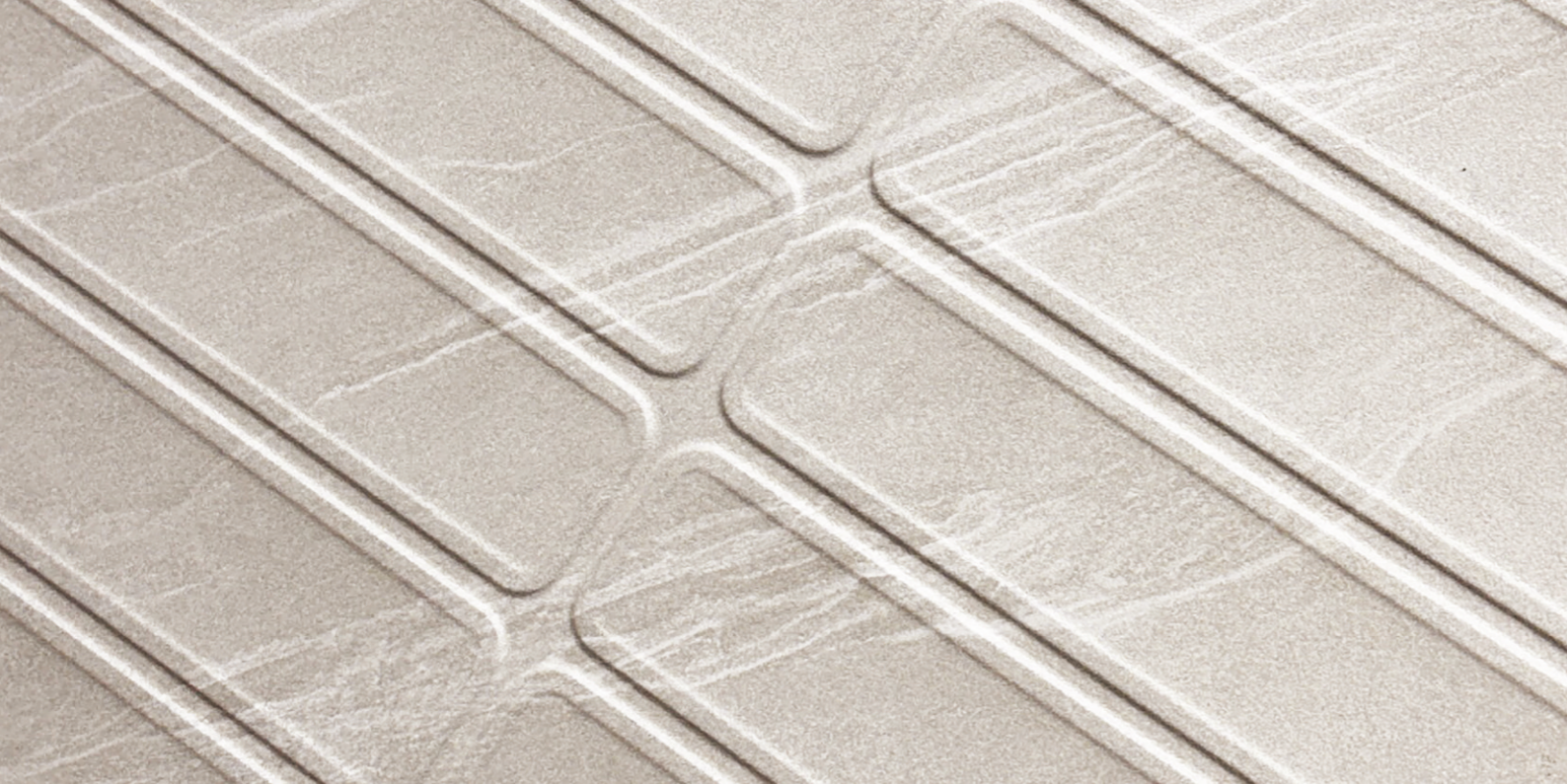
Hotels



Public Places



Malls



Size. 800x1600mm

Surface. Granolith

Thickness. 09mm

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Touch for  
360° View

[monolithsurfaces.com](https://monolithsurfaces.com)



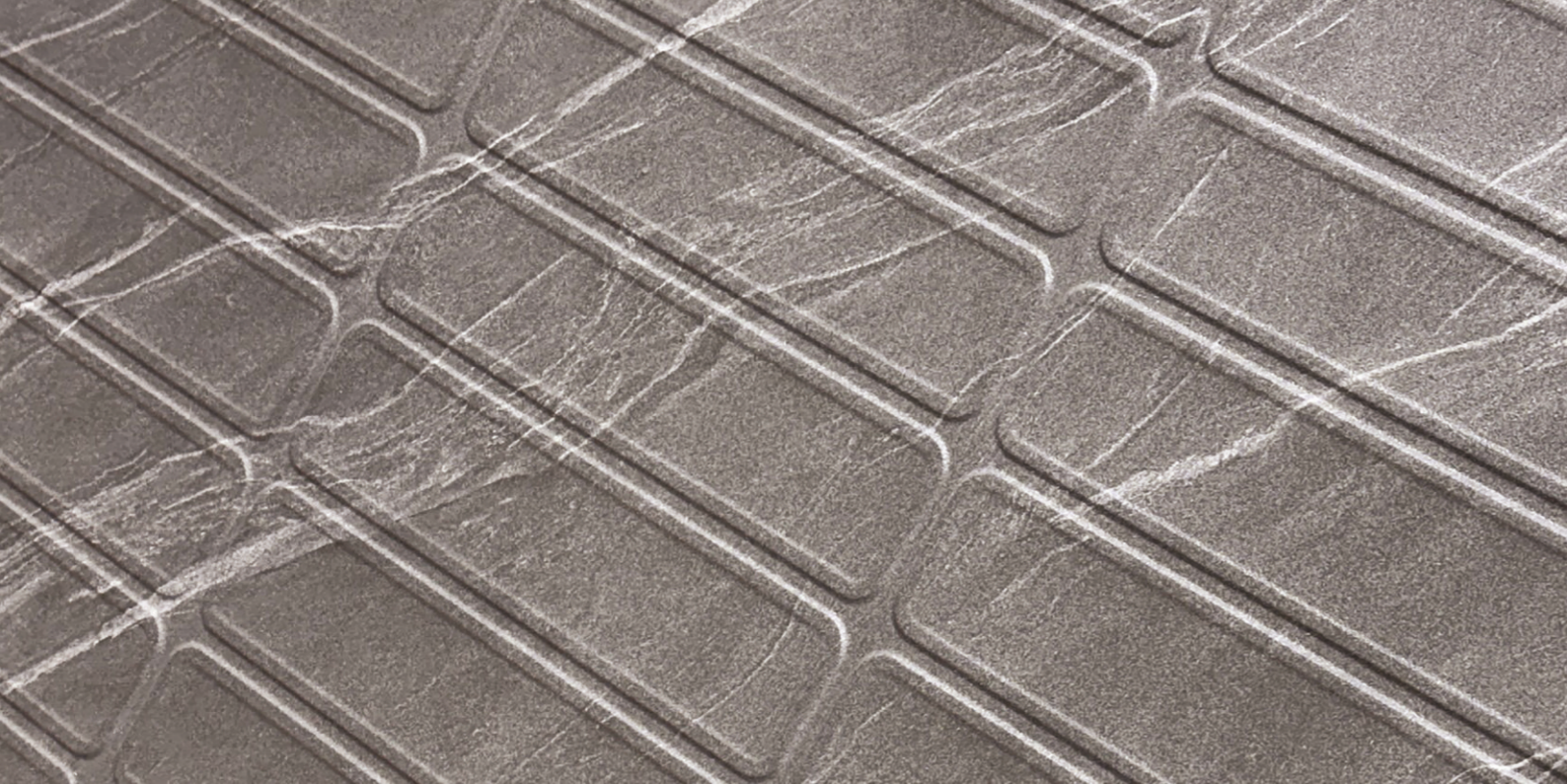
REFLEX ICE LITHOS  
4 Random

REFLEX ICE  
4 Random



stunning shade that transforms  
home into heaven.





Size. 800x1600mm

Surface. Granolith

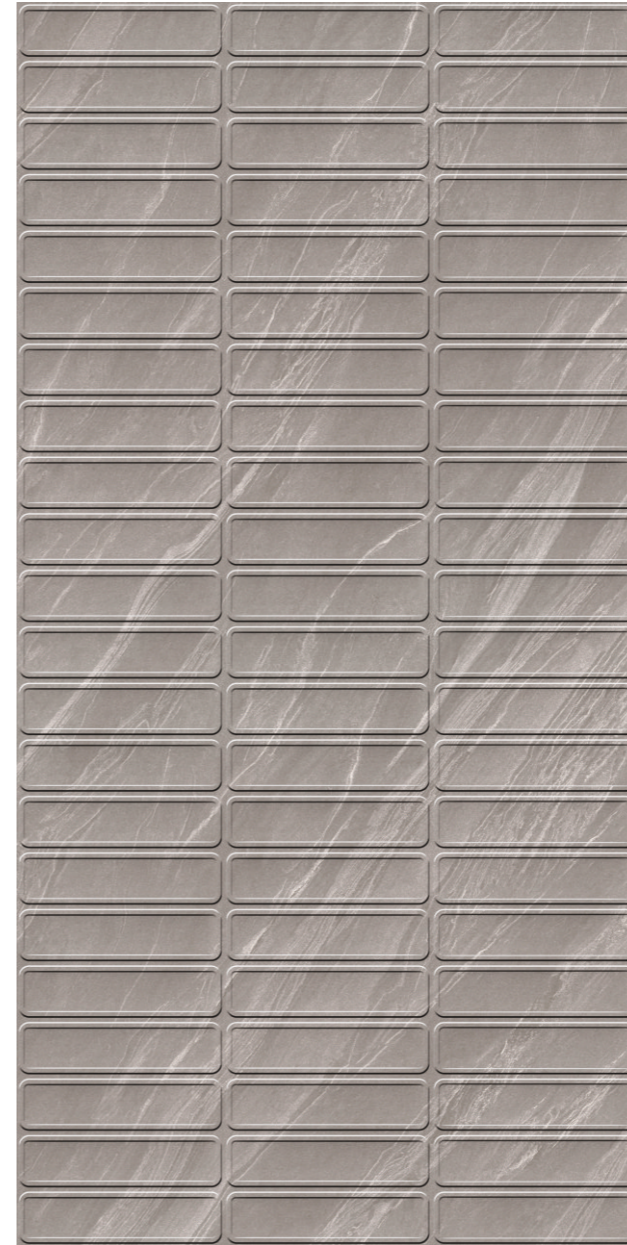
Thickness. 09mm

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Touch for  
360° View

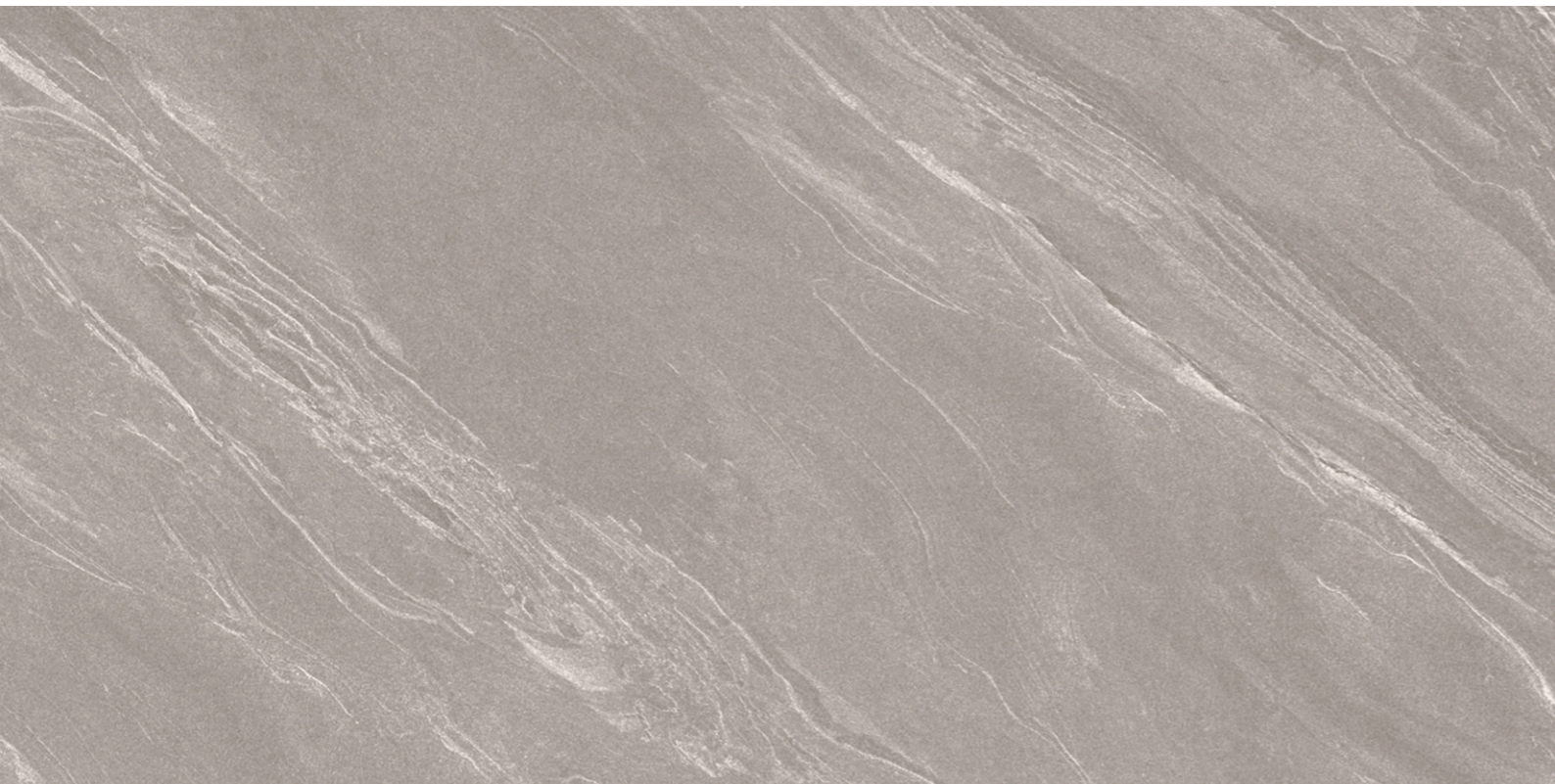
[monolithsurfaces.com](https://monolithsurfaces.com)



REFLEX GREY LITHOS  
4 Random



REFLEX GREY  
4 Random



Astonishing look creates  
magic in your space.





Size. 800x1600mm

Surface. Granolith

Thickness. 09mm

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Touch for  
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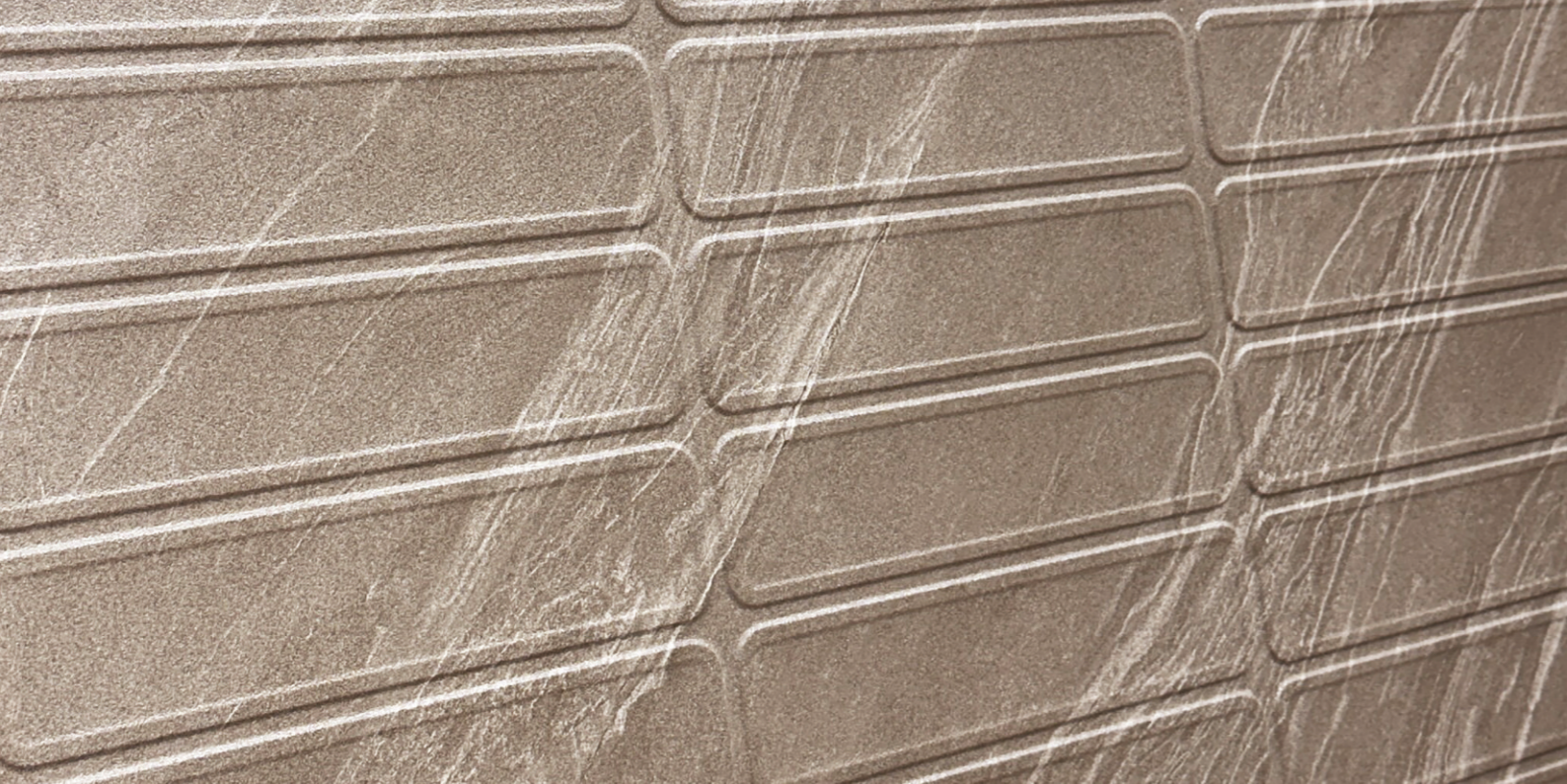
REFLEX CREMA LITHOS  
4 Random

REFLEX CREMA  
4 Random



Elegant design that makes  
a statement.





Size. 800x1600mm

Surface. Granolith

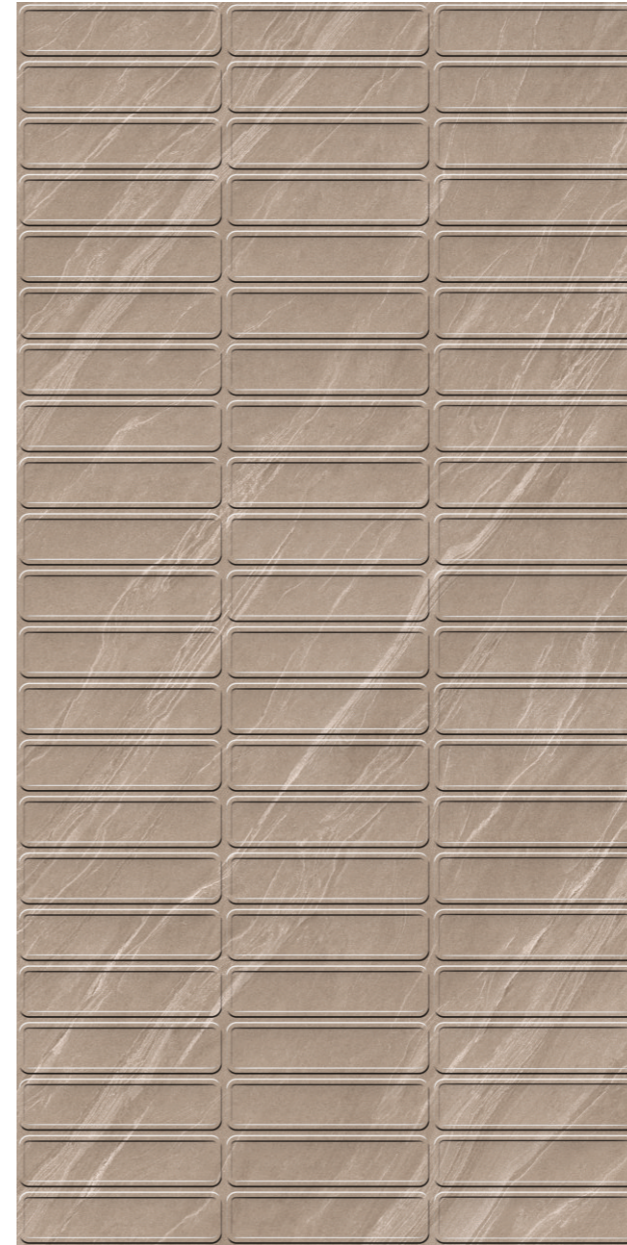
Thickness. 09mm

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Touch for  
360° View

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REFLEX TAUPE LITHOS  
4 Random

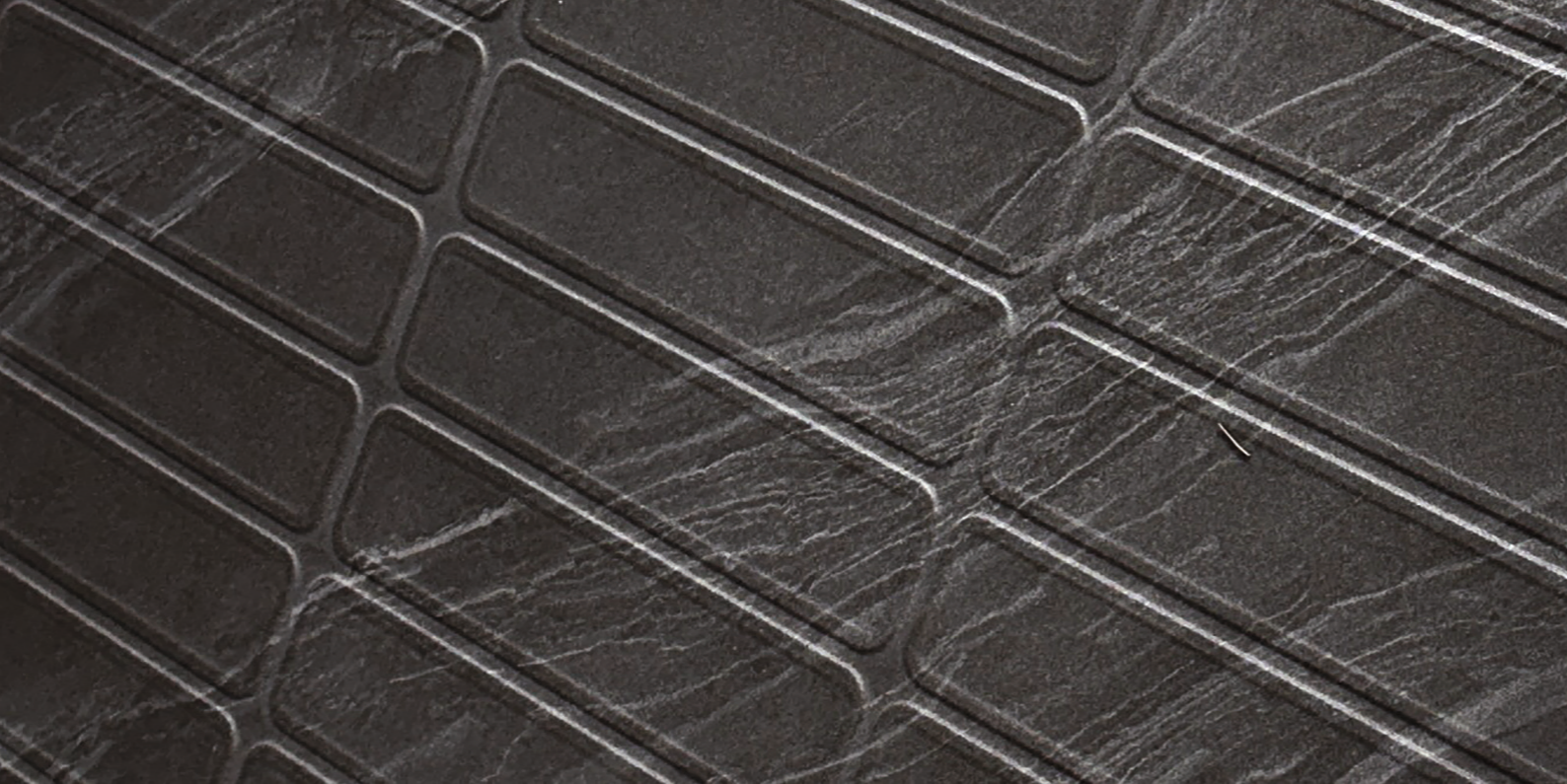


REFLEX TAUPE  
4 Random



Sublime design reflects  
your bold class.





Size. 800x1600mm

Surface. Granolith

Thickness. 09mm

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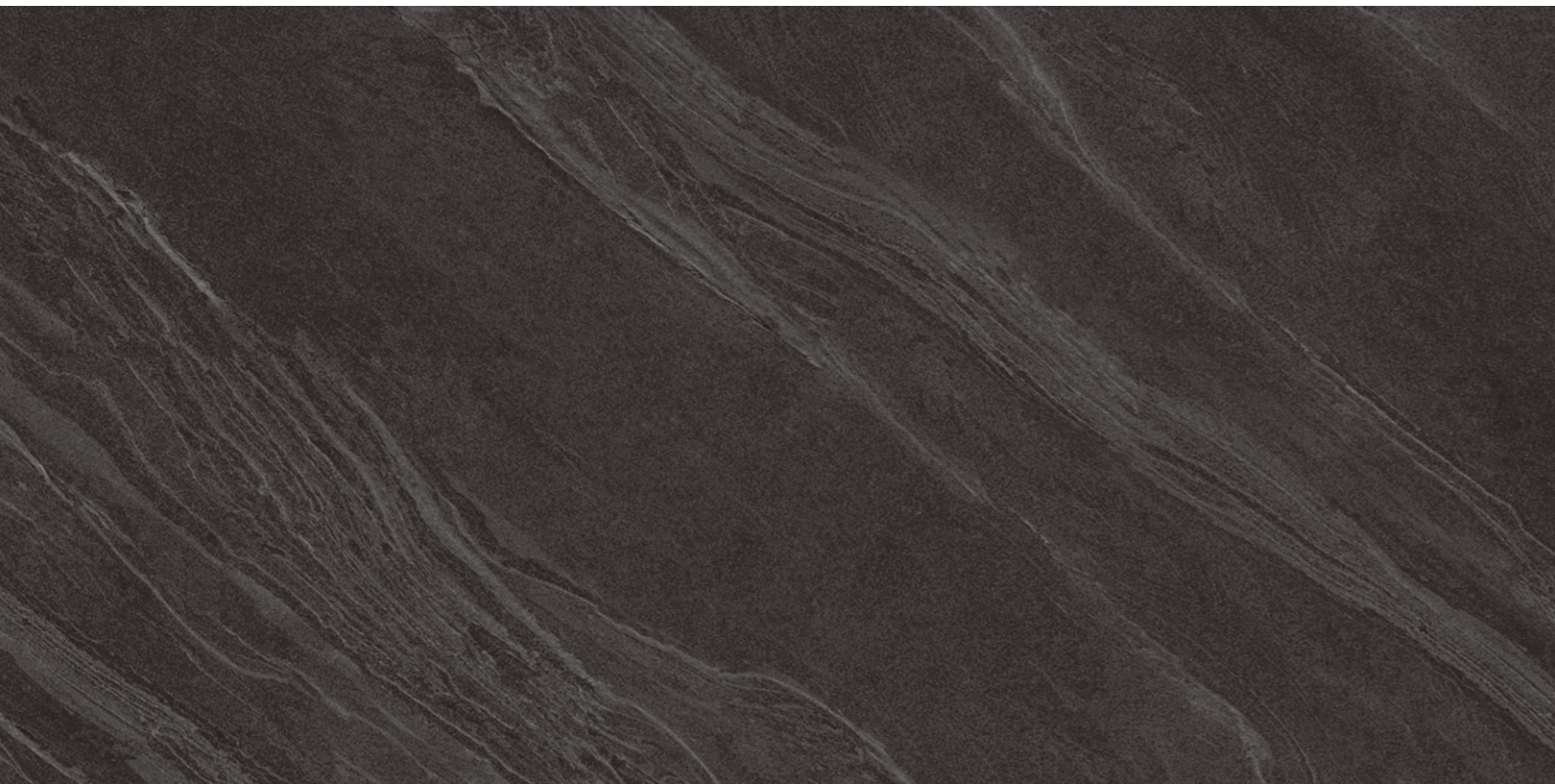


Touch for  
360° View

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REFLEX ANTHRACITE LITHOS  
4 Random

REFLEX ANTHRACITE  
4 Random



Brilliant Black tones imparts  
Cosmic charm.



## Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MEAN VALUE OF MONOLITH GVT	TEST METHOD
<b>REGULATORY PROPERTIES</b>			
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
<b>SURFACE MECHANICAL PROPERTIES</b>			
Water absorption	< 0.50 %	< 0.5 %	ISO-10545-3
Apparent density	> 2.0 g/cc	> 2.28 gm/mm <sup>2</sup>	DIN 51082
<b>MASSIVE MECHANICAL PROPERTIES</b>			
Modulus of rupture	Min. 35 N/mm <sup>2</sup>	Min. 35 N/mm <sup>2</sup>	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
<b>SURFACE MECHANICAL PROPERTIES</b>			
Surface abrasion resistance	As per mfg	Min. Class-4	ISO-10545-7
MOH's hardness	As per mfg	Min. 5	EN 101
<b>THERMO HYGROMETRIC PROPERTIES</b>			
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 <sup>-6</sup>	Max. 6.5 x 10 <sup>-6</sup>	ISO-10545-8
Crazing resistance	As per mfg	Min. 7 Cycle	ISO-10545-11
<b>CHEMICAL PROPERTIES</b>			
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.)
800x1600mm	9 mm	2 pcs.	2.56 sq. mtr.	52 kgs.

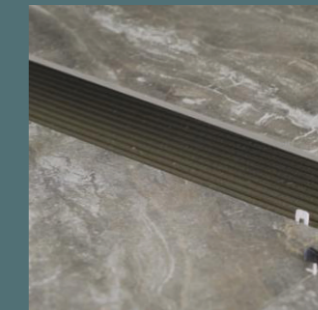
## Laying & Levelling



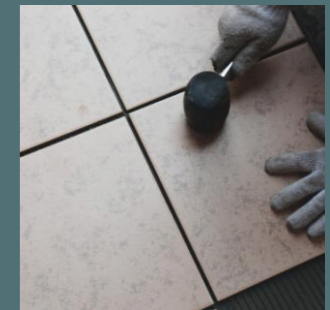
Base Structure



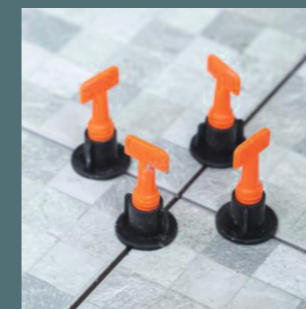
Cement Laying On Tile



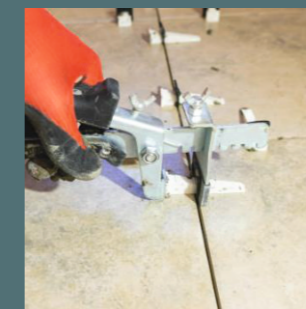
Joints



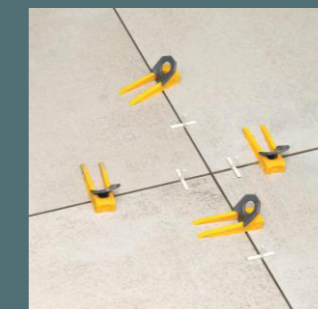
Fixing The Tile



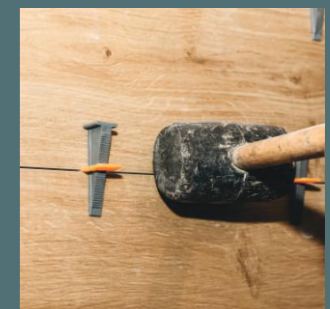
Spacers + Laveller



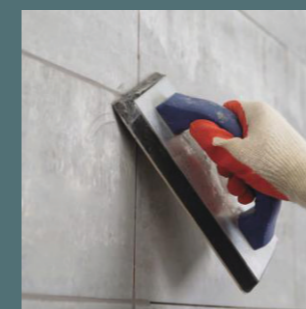
Levelling Wedges



After Levelling Process Leave Int For 8-10 Hrs.



Remove Wedges Once 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. Tap 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.

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