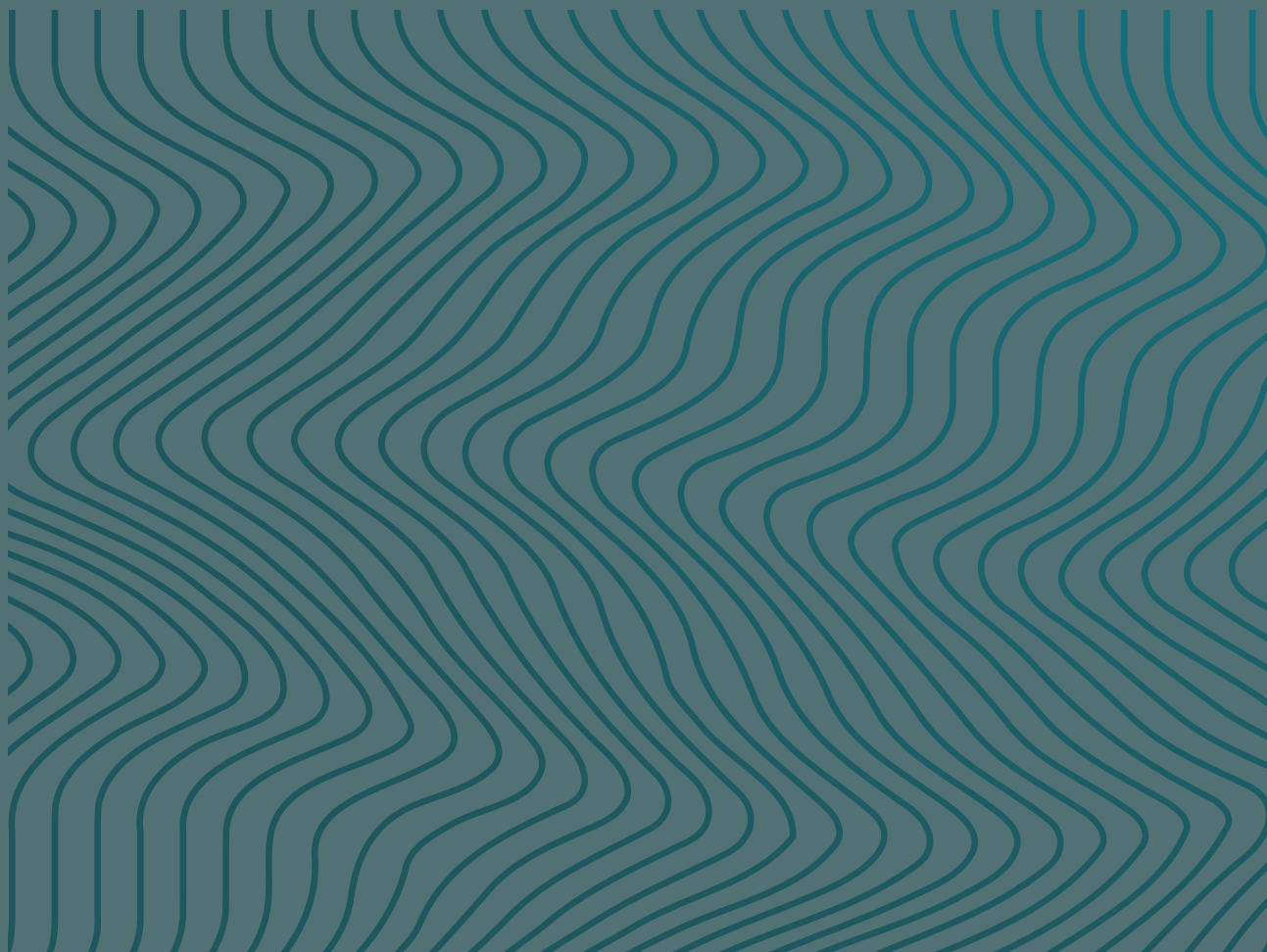


# Aetious

Ceramics & Innovation



CAPTURING ESSENCE OF  
ITALIAN SURFACES

800x  
1600  
mm

**GRANOLITH**  
SURFACE

**REFLEX**

800x1600mm LITHOS PUNCH







# 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.





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 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 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 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. The layer makes the tiles highly resistant to water absorption for longevity.

## HIGH PIGMENT DIGITAL PRINTING INK

The 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

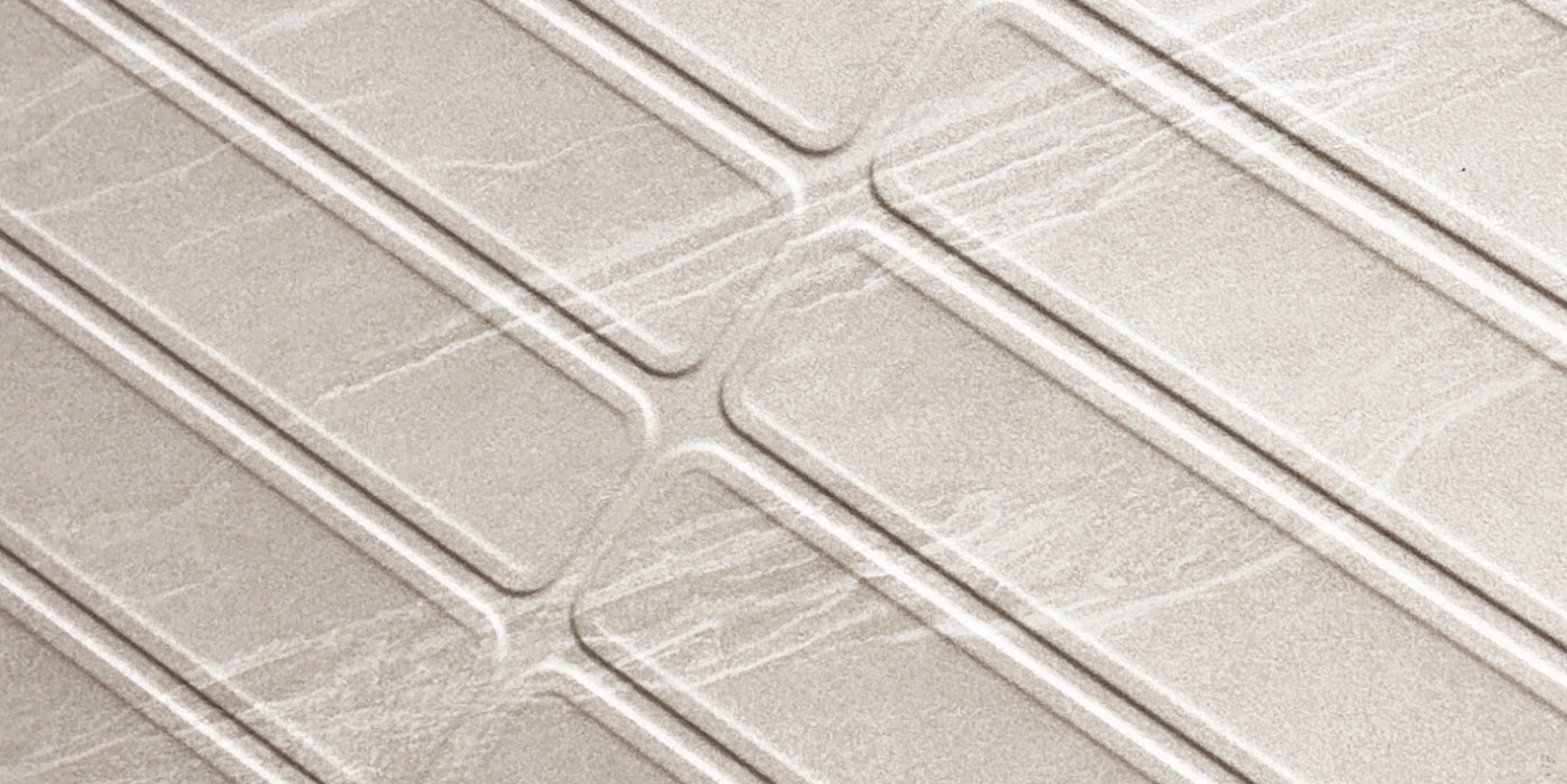


Public Places



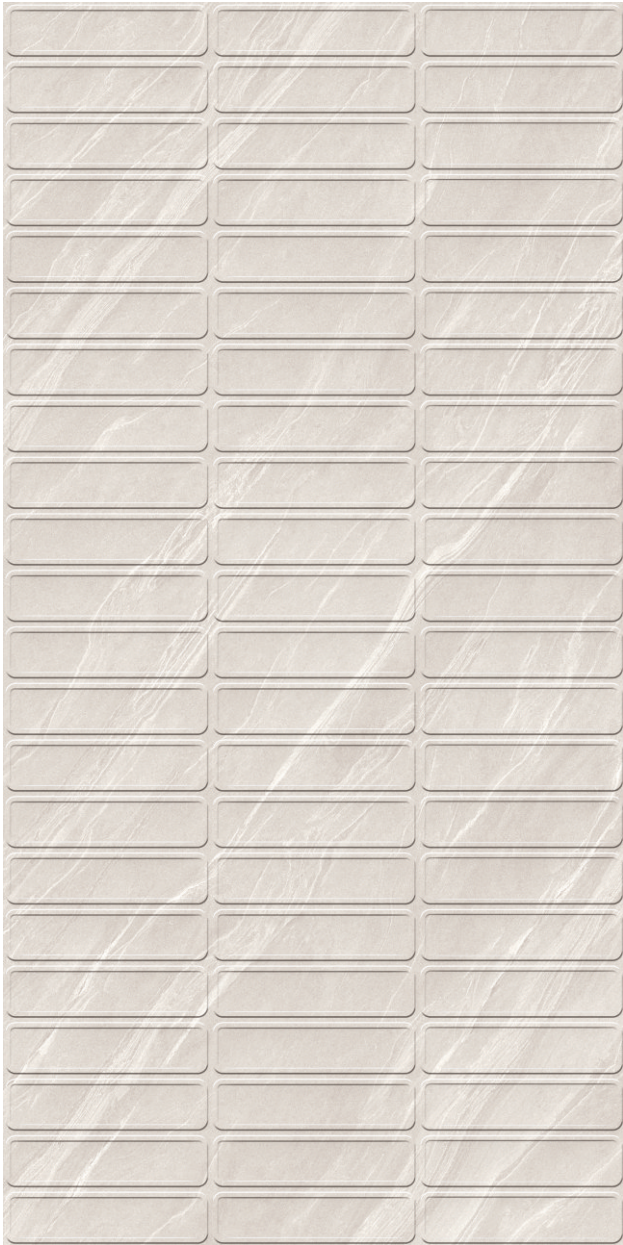
Malls





Size. 800x1600mm  
Surface. Granolith  
Thickness. 09mm

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REFLEX ICE LITHOS  
4 Random



REFLEX ICE  
4 Random

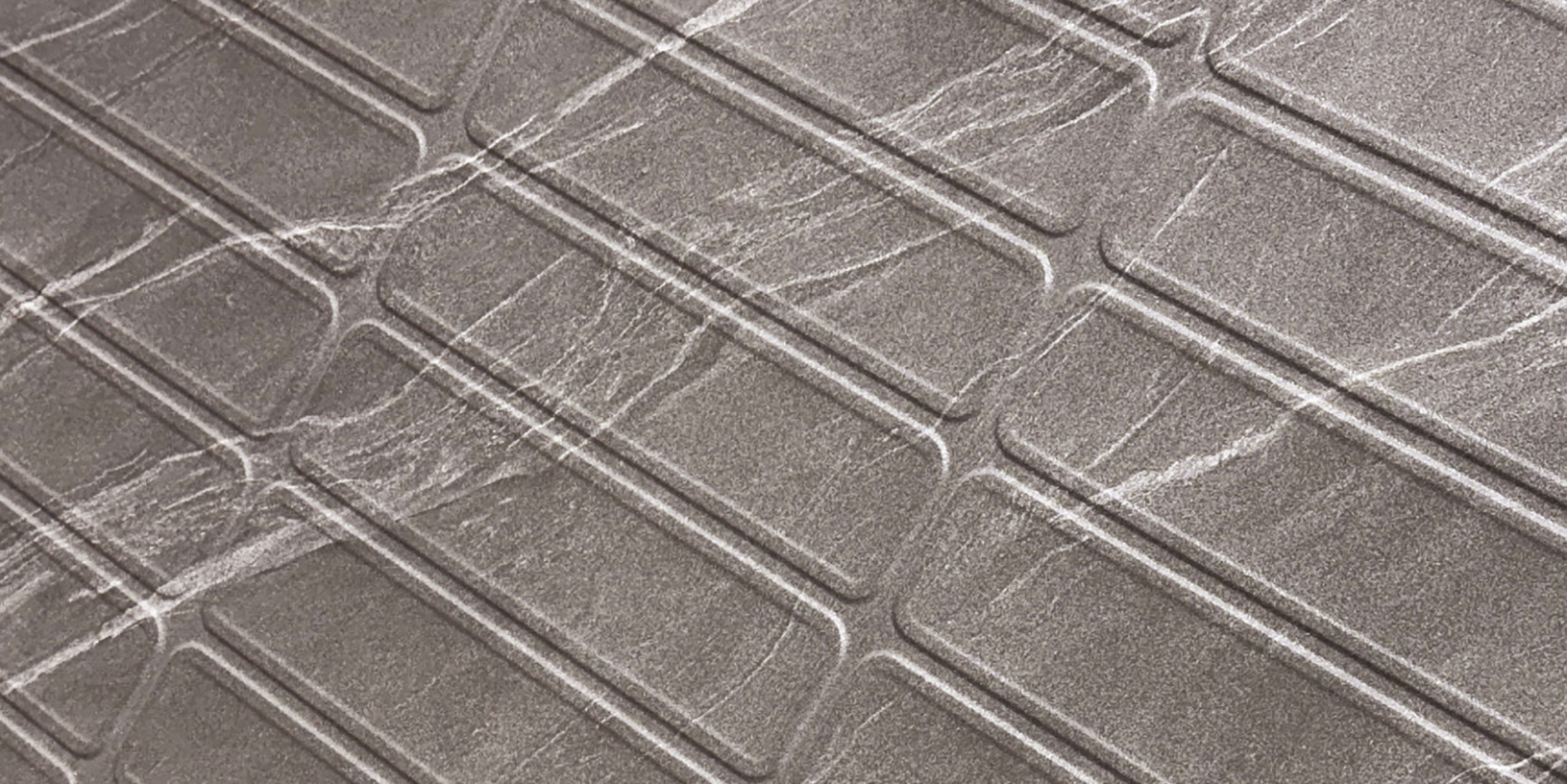


stunning shade that transforms  
home into heaven.



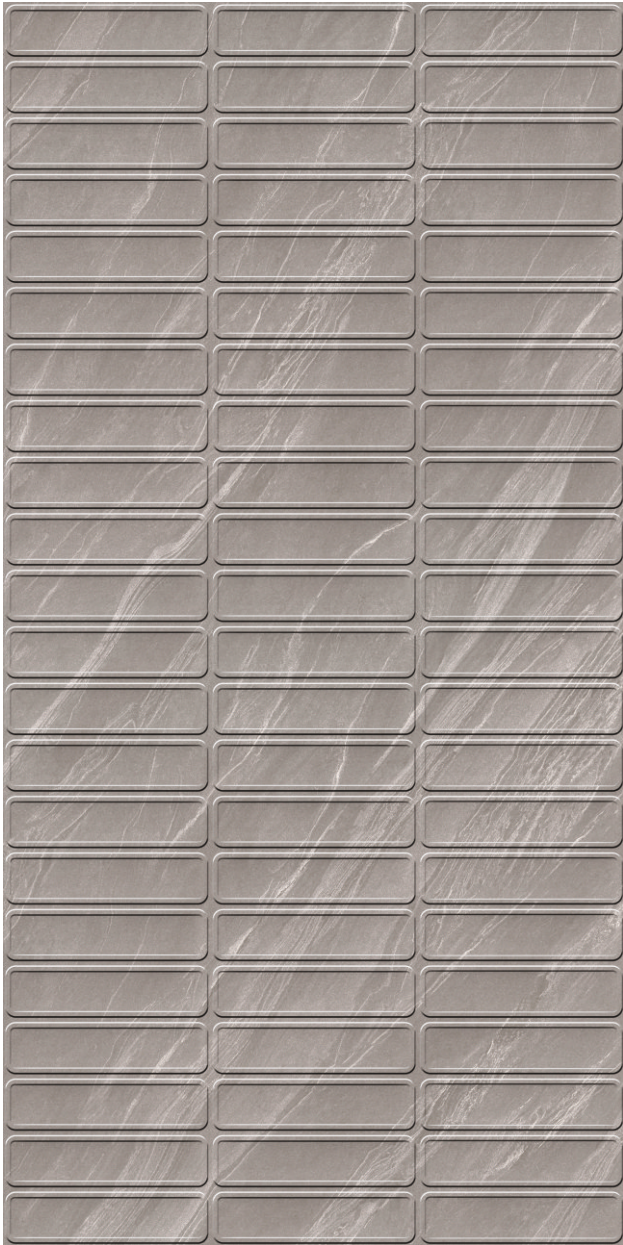






Size. 800x1600mm  
Surface. Granolith  
Thickness. 09mm

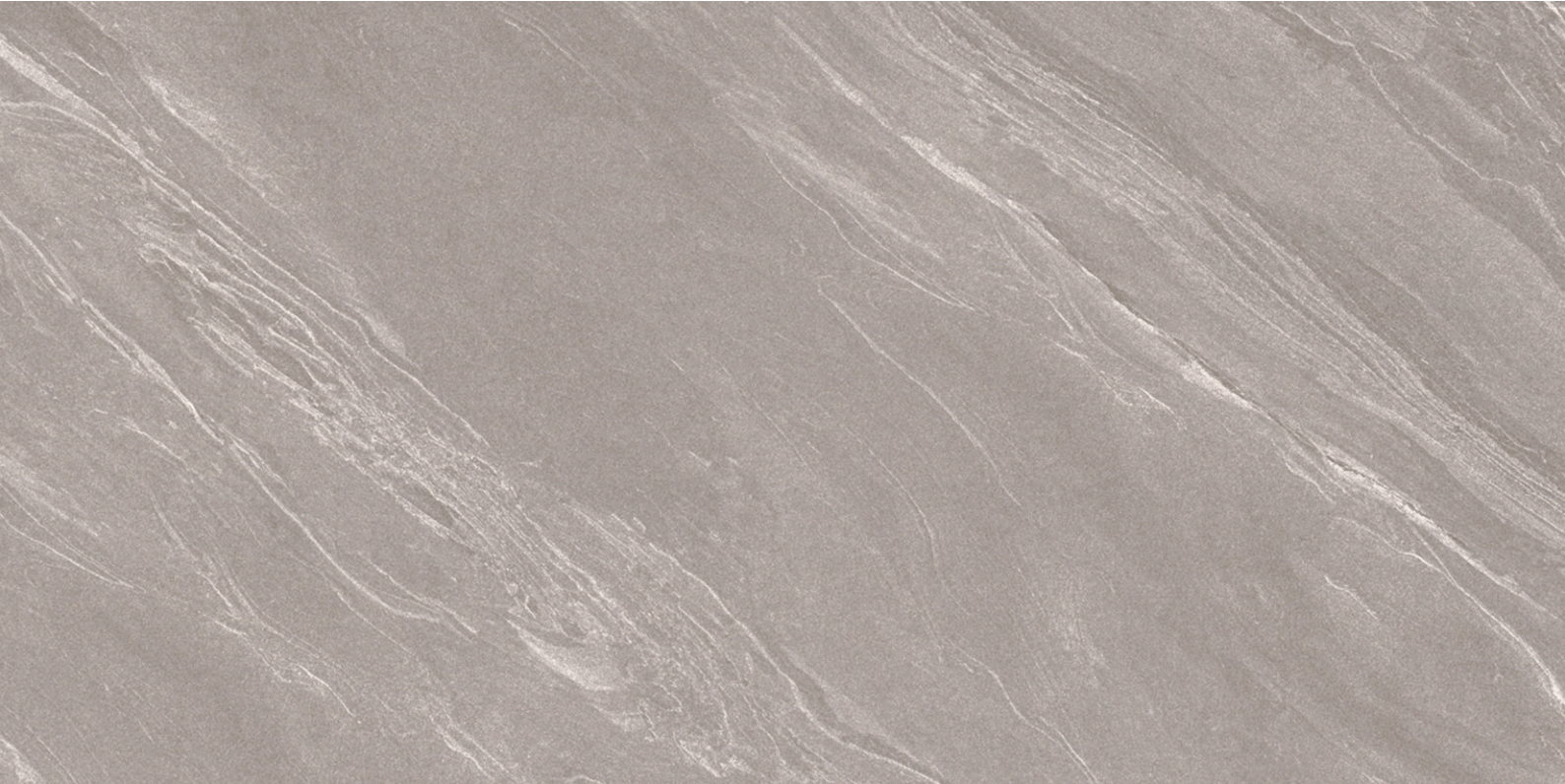
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REFLEX GREY LITHOS  
4 Random



REFLEX GREY  
4 Random



Astonishing look creates  
magic in your space.









Size. 800x1600mm  
Surface. Granolith  
Thickness. 09mm

**Aetious**  
Ceramics & Innovation



REFLEX CREMA LITHOS  
4 Random



REFLEX CREMA  
4 Random

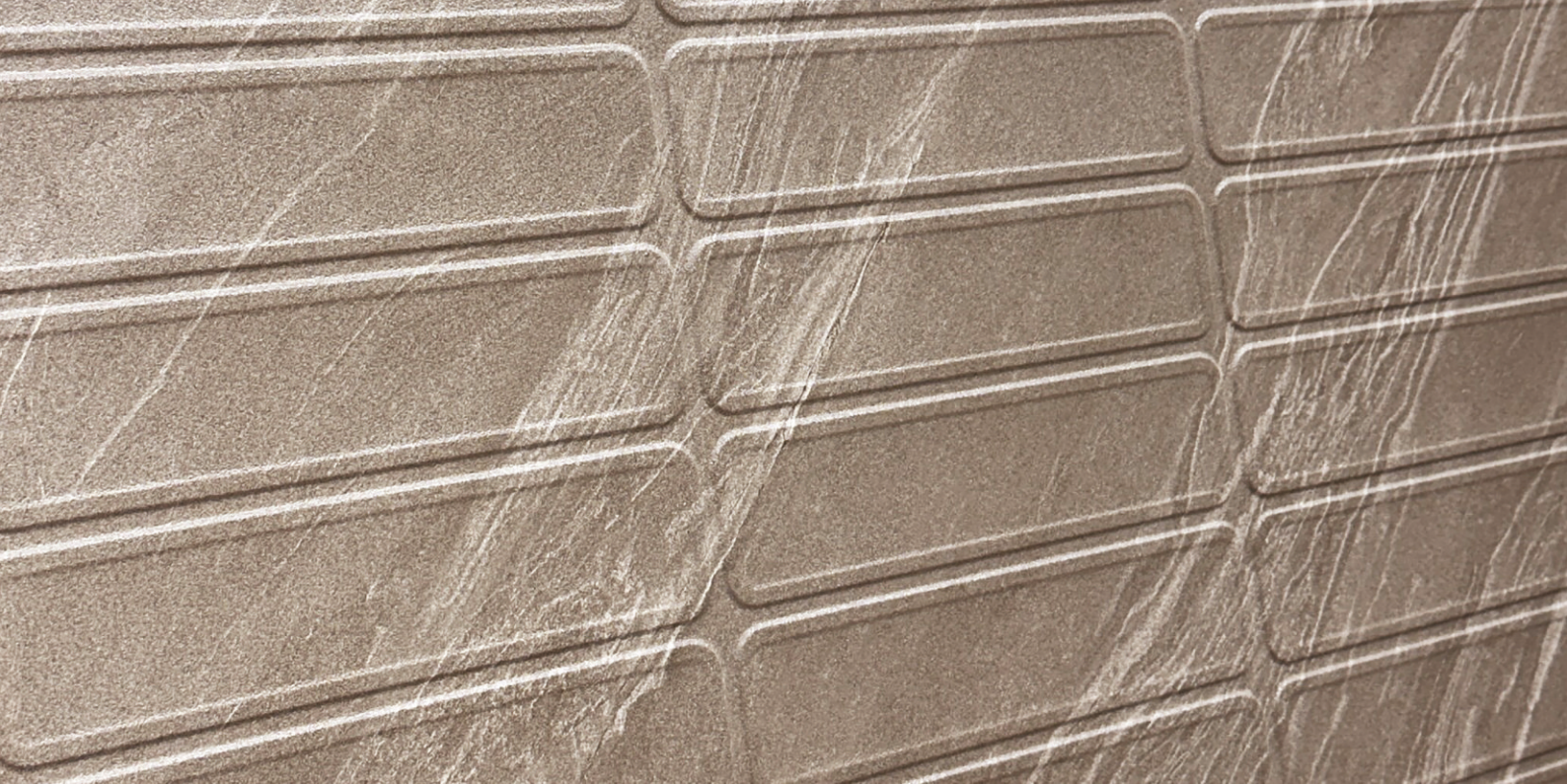


Elegant design that makes  
a statement.



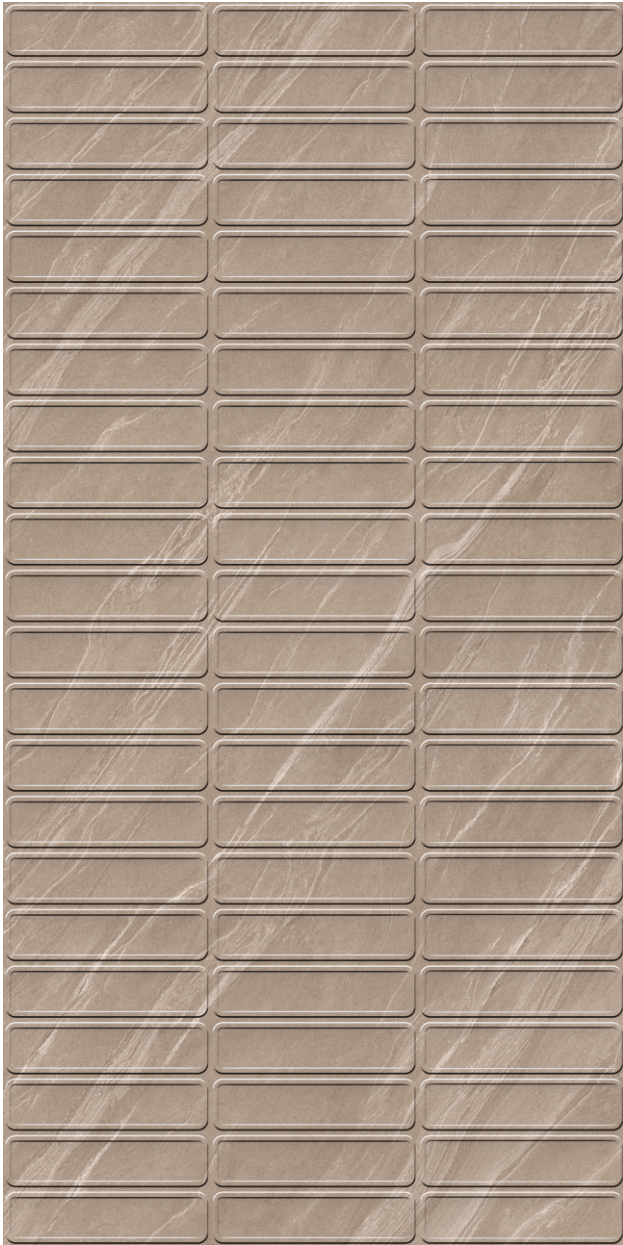






Size. 800x1600mm  
Surface. Granolith  
Thickness. 09mm

**Aetious**  
Ceramics & Innovation



REFLEX TAUPE LITHOS  
4 Random



REFLEX TAUPE  
4 Random

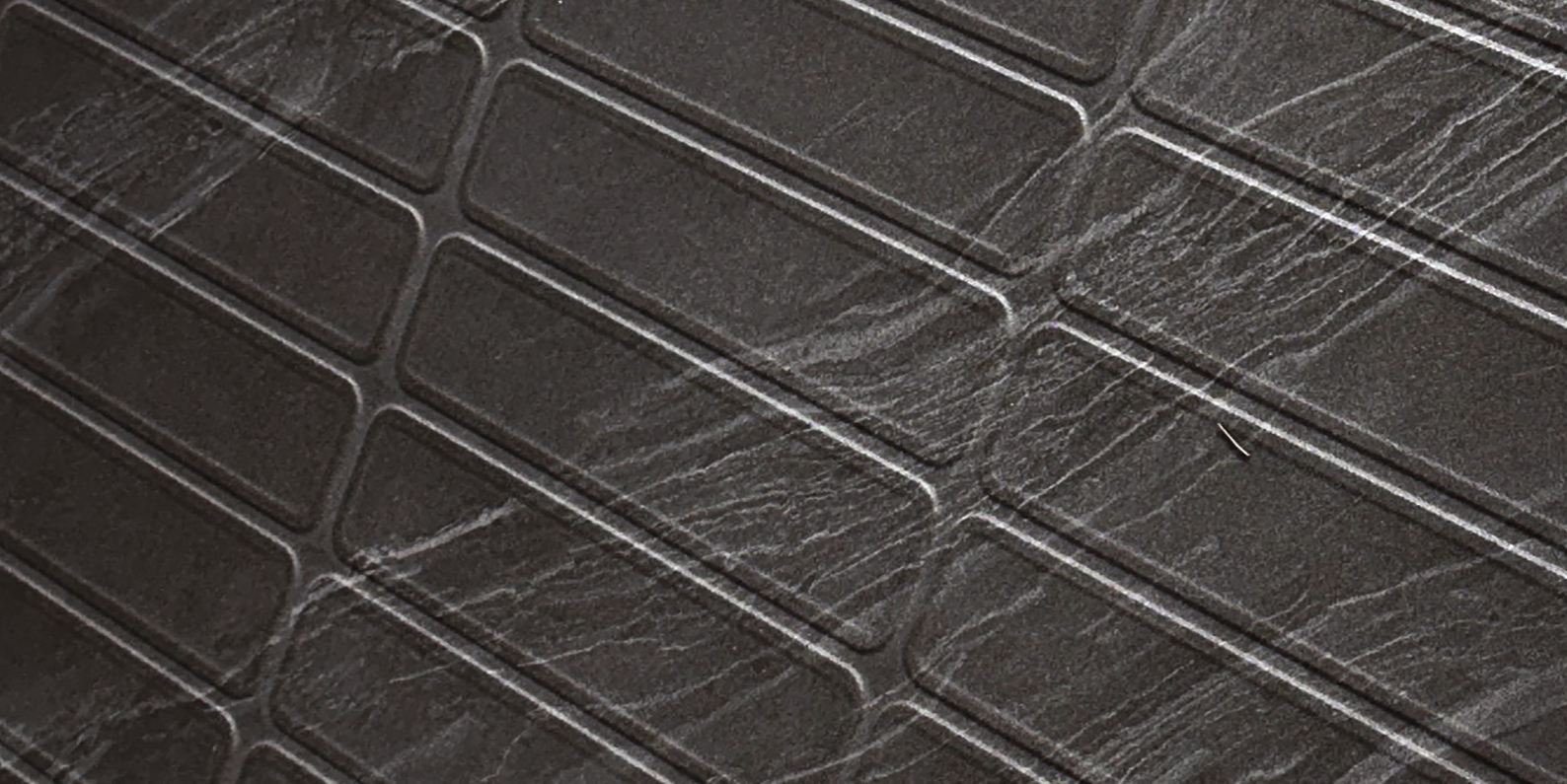


Sublime design reflects  
your bold class.









Size. 800x1600mm

Surface. Granolith

Thickness. 09mm

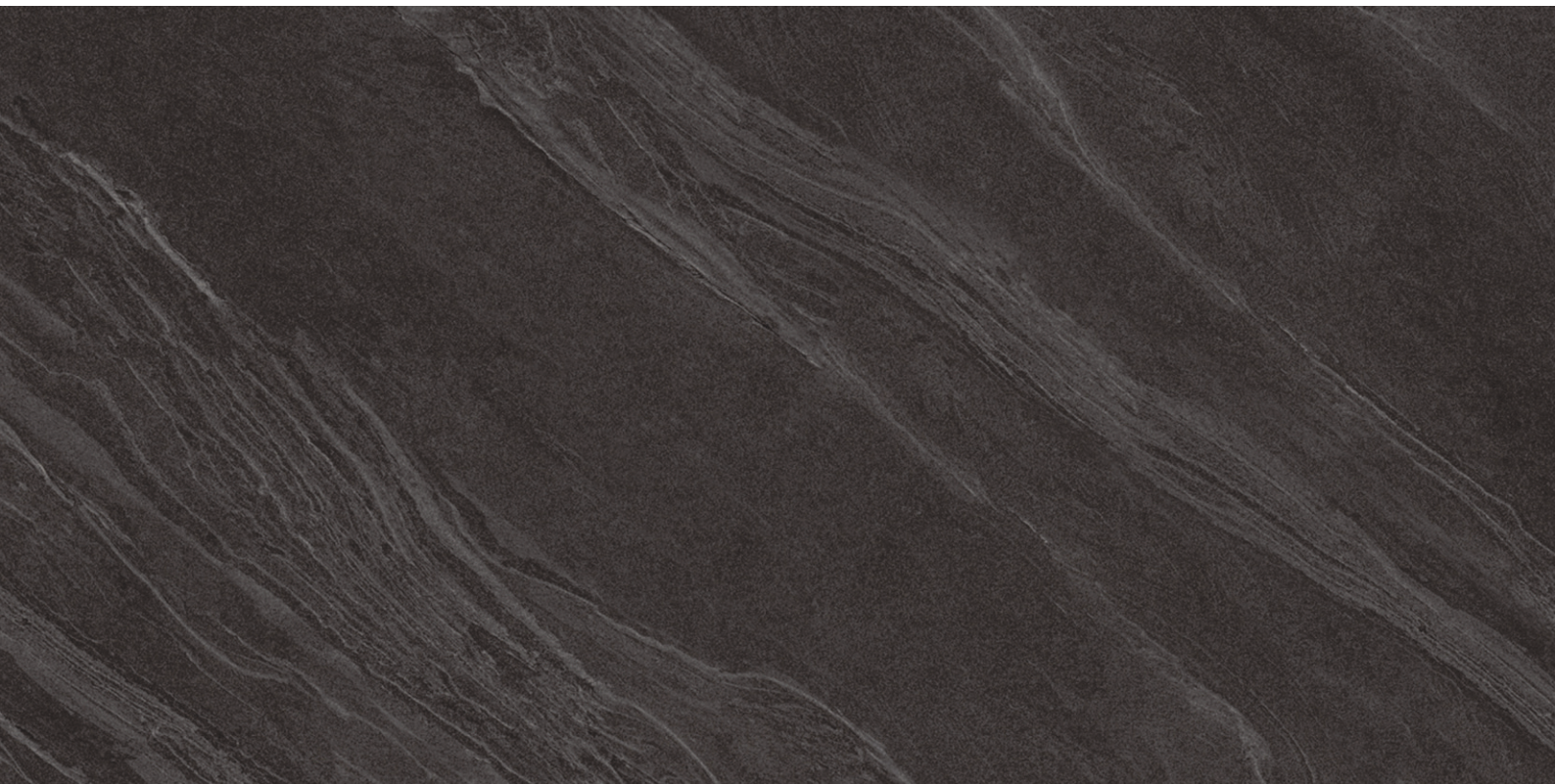
**Aetious**  
Ceramics & Innovation



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 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 <sup>2</sup>	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
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
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.)
800x1600mm	9 mm	2 pcs.	2.56 sq. mtr.	52 kgs.

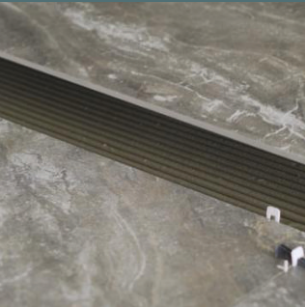
Laying & Levelling



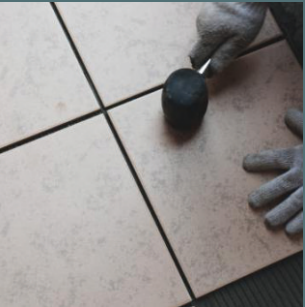
Base Structure



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.
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.