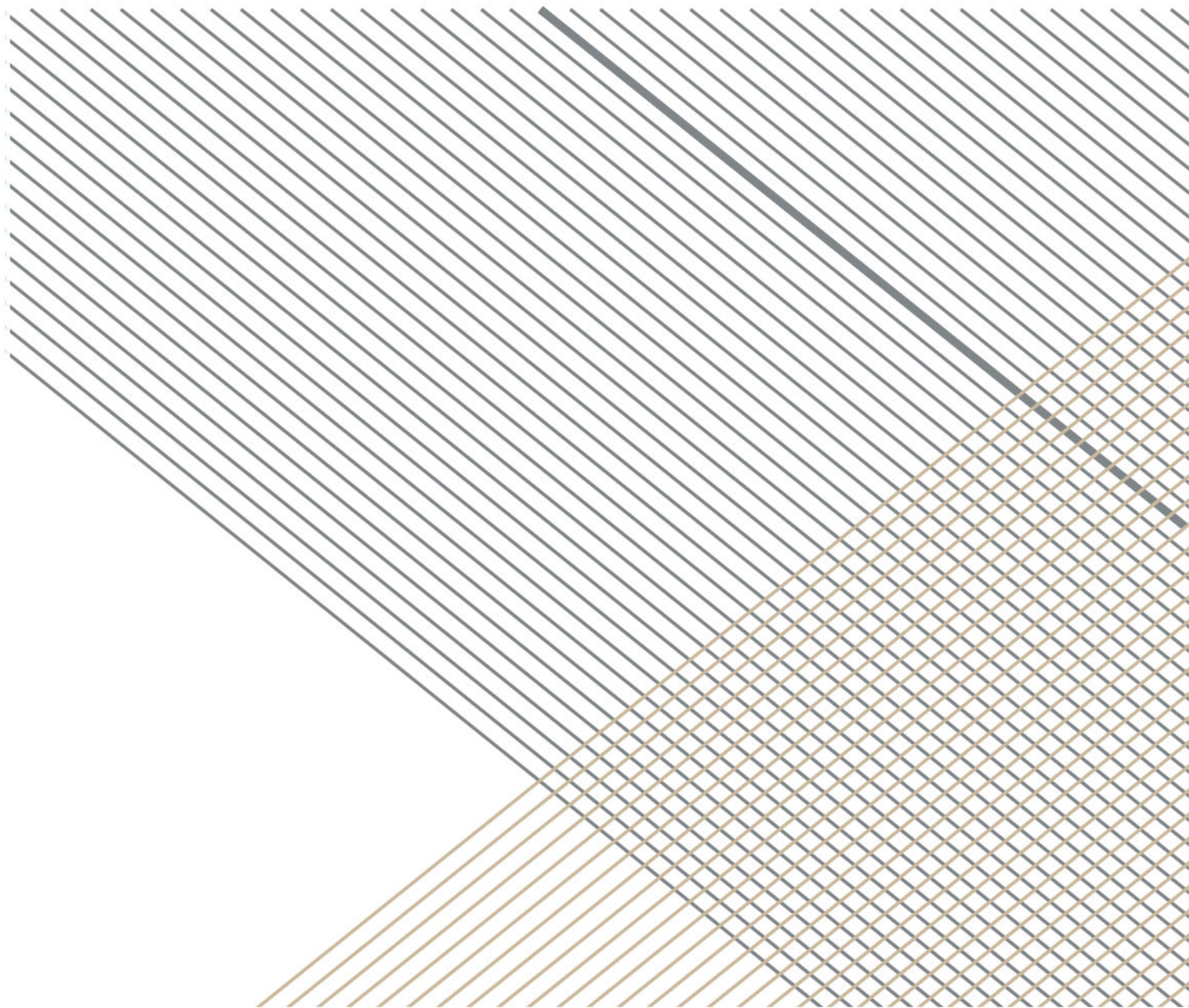


TOUCH STONE

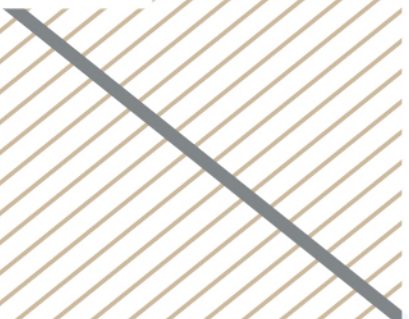
THE ABSOLUTE ELEGANCE





THE ABSOLUTE ELEGANCE

Introducing Touch Stone, it is the radiantly revolutionized porcelain tiles by Niro Granite. Conceptualized and produced through the distinctive techniques of double micronized effect, the appearance is undeniably, a great manifestation of definite serenity and superiority. Offering the sizes of 60x30cm and 60x60cm; be evoked in the sanctuary of classiness by the natural and contemporary colour of white, brown, grey and black tones. Available in the surfaces of polished, matt and structured, be prepared to live in the state of blissfulness because Touch Stone, is absolutely elegant.



**TOUCH
STONE**

THE ABSOLUTE ELEGANCE



TOUCH STONE

THE ABSOLUTE ELEGANCE

6 COLOURS

SAND SHELL / WALNUT / SMOKED GRAY / MOONLESS NIGHT / ACORN / COASTAL FOG

2 FORMATS

60x30 / 60x60

3 SURFACES

POLISHED / MATT / STRUCTURED

2 DECORS

ALL COLOURS

2 MOSAICS

ALL COLOURS



FLOOR: 60x60 SAND SHELL MATT / WALL: 60x30 SAND SHELL MATT + DECO B



WALL: 60x60 SAND SHELL POLISHED

SAND SHELL

GTU01

Embellishing the pure and timelessness of the glistening colour of white, Sand Shell is the touch of splendor. Primed with its extreme vibrant brilliantness, Sand Shell is nobly excellent that could satiate your every corner with the trace of the pacific grains.

BASES

60x30 / 60x60



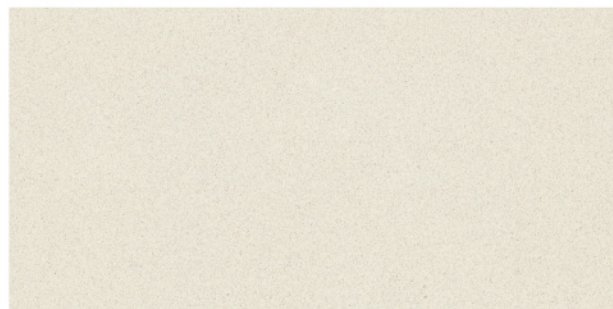
SAND SHELL POLISHED 60x60



SAND SHELL STRUCTURED 60x60



SAND SHELL MATT 60x60



SAND SHELL POLISHED 60x30



SAND SHELL STRUCTURED 60x30



SAND SHELL MATT 60x30



⊕ CLOSE UP



⊕ CLOSE UP



⊕ CLOSE UP

DECORS

60x30



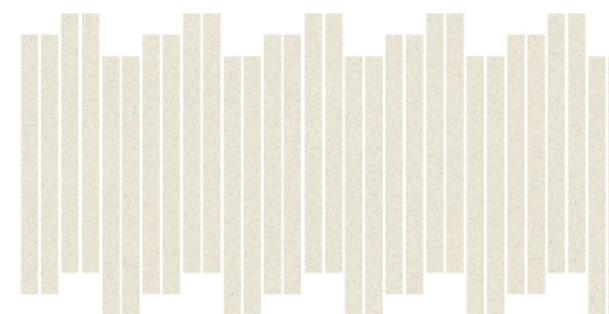
DECO A
POLISHED



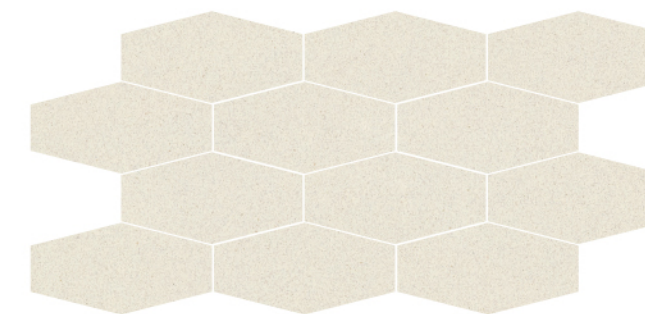
DECO B
POLISHED

MOSAICS

60x30



IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

SAND SHELL

GTU01

2 FORMATS

- 60x30cm
- 60x60cm

3 SURFACES

- POLISHED
- MATT
- STRUCTURED

2 DECORS

- DECO A
- DECO B

2 MOSAICS

- IRREGULAR MOSAIC STRIP
- MOSAIC SEED



FLOOR: 60x60 WALNUT MATT + MOSAIC SEED MATT / WALL: 60x30 WALNUT MATT



FLOOR: 60x30 WALNUT STRUCTURED

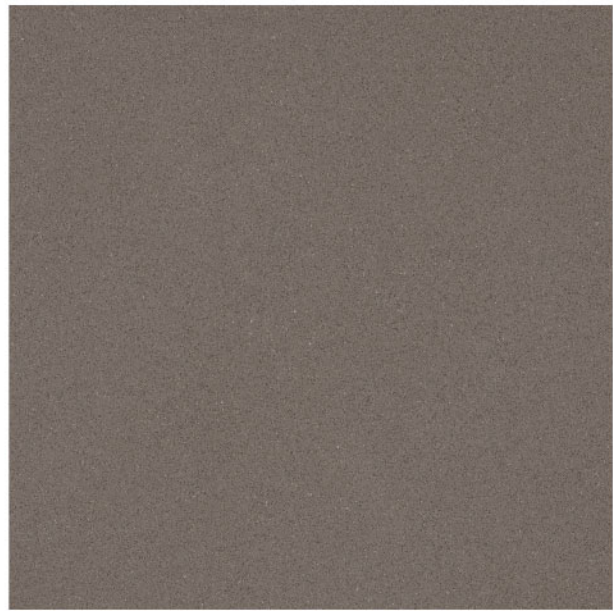
WALNUT

GTU03

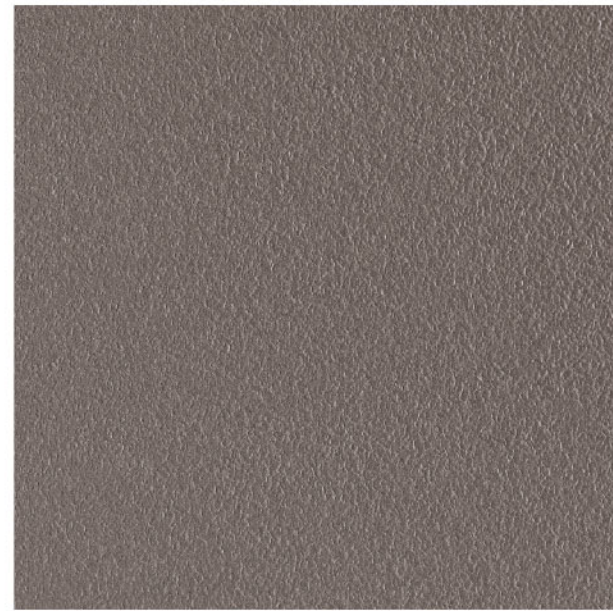
The orthodox of Walnut presents the exquisiteness of antiquity. Signifying the earthy colour of brown, Walnut spills the manifestation of the extreme nature and refined appearance. Prevailing in the flair of conventional, Walnut is definitely the fusion for all contextual.

BASES

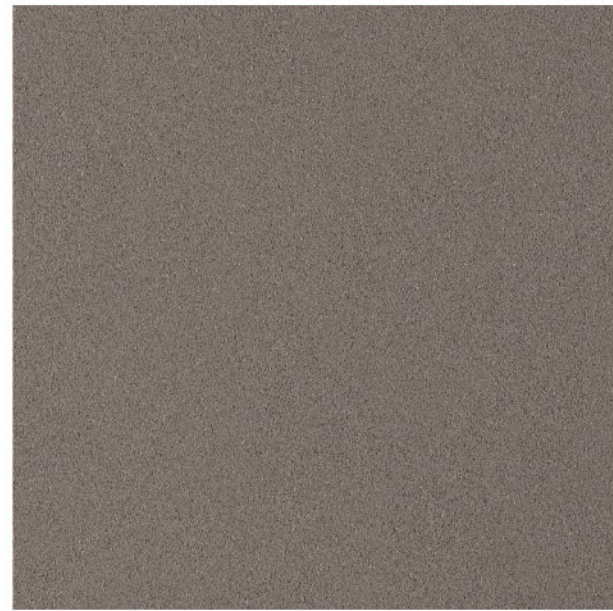
60x30 / 60x60



WALNUT POLISHED 60x60



WALNUT STRUCTURED 60x60



WALNUT MATT 60x60



WALNUT POLISHED 60x30



WALNUT STRUCTURED 60x30



WALNUT MATT 60x30



➤ CLOSE UP



➤ CLOSE UP



➤ CLOSE UP

DECORS

60x30



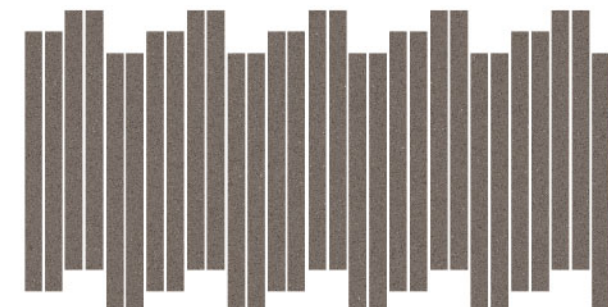
DECO A
POLISHED



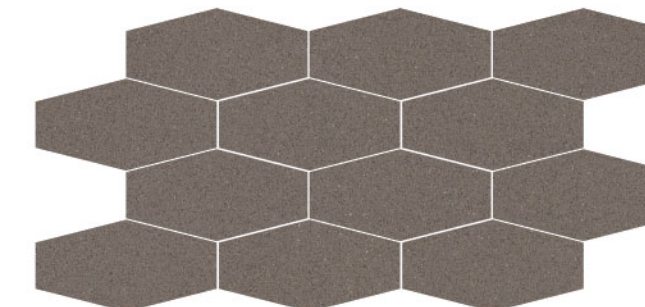
DECO B
POLISHED

MOSAICS

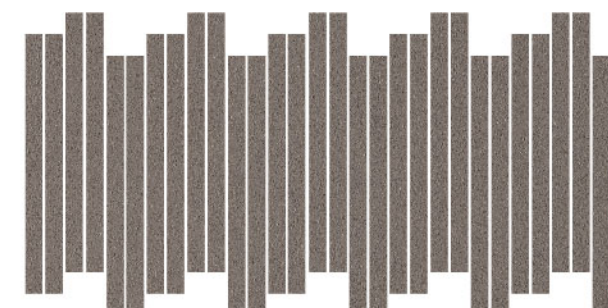
60x30



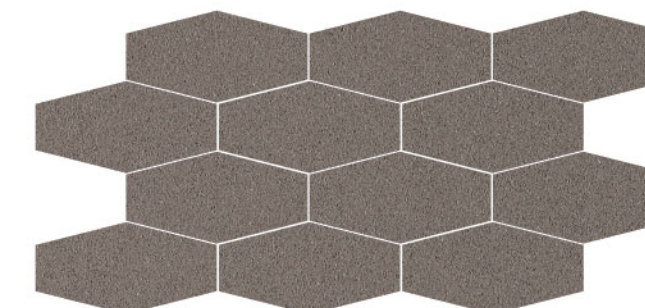
IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

WALNUT

GTU03

2 FORMATS

- 60x30cm
- 60x60cm

3 SURFACES

- POLISHED
- MATT
- STRUCTURED

2 DECORS

- DECO A
- DECO B

2 MOSAICS

- IRREGULAR MOSAIC STRIP
- MOSAIC SEED



FLOOR: 60x60 SMOKED GRAY MATT / WALL: 60x30 SMOKED GRAY MATT + DECO B



FLOOR: 60x30 SMOKED GRAY STRUCTURED / WALL: MOSAIC SEED MATT

SMOKED GRAY

GTU04

Aspire for a minimalist yet urbane scenery, Smoked Gray satiates every desire with its modish yet dynamic tone.

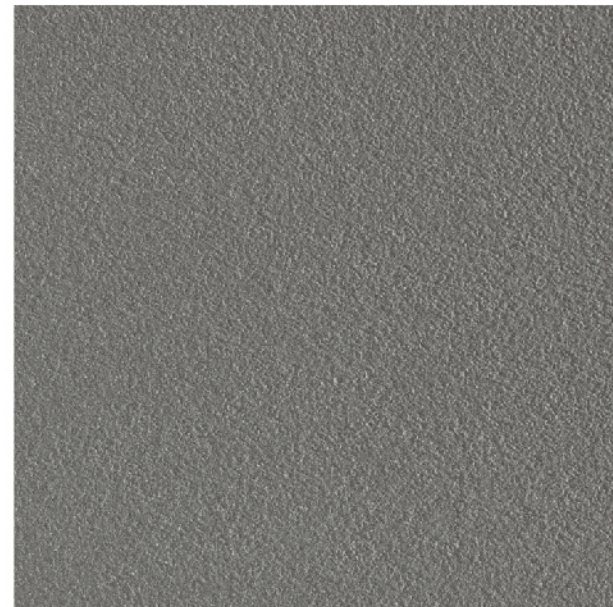
Achromatically epitomize the elegant and mysterious sensation, respire the air of mystique in every corner of your living space.

BASES

60x30 / 60x60



SMOKED GRAY POLISHED 60x60



SMOKED GRAY STRUCTURED 60x60



SMOKED GRAY MATT 60x60



SMOKED GRAY POLISHED 60x30



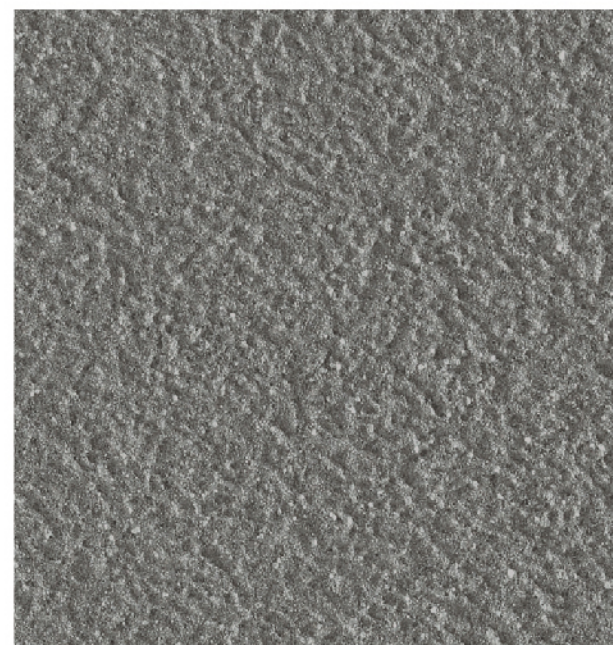
SMOKED GRAY STRUCTURED 60x30



SMOKED GRAY MATT 60x30



➤ CLOSE UP



➤ CLOSE UP



➤ CLOSE UP

DECORS

60x30



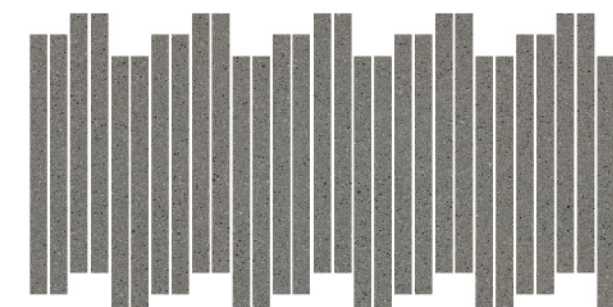
DECO A
POLISHED



DECO B
POLISHED

MOSAICS

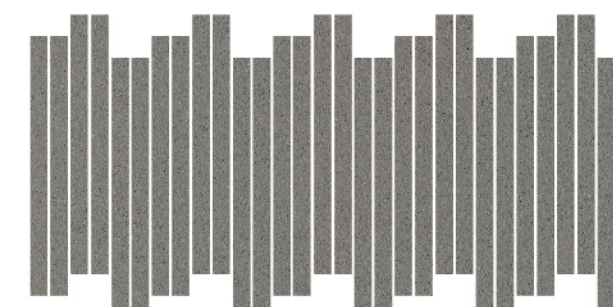
60x30



IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

SMOKED GRAY

GTU04

2 FORMATS

- 60x30cm
- 60x60cm

3 SURFACES

- POLISHED
- MATT
- STRUCTURED

2 DECORS

- DECO A
- DECO B

2 MOSAICS

- IRREGULAR MOSAIC STRIP
- MOSAIC SEED



FLOOR: 60x60 MOONLESS NIGHT MATT / WALL: 60x30 MOONLESS NIGHT MATT + IRREGULAR MOSAIC STRIP MATT



WALL: 60x30 MOONLESS NIGHT POLISHED + IRREGULAR MOSAIC STRIP POLISHED

MOONLESS NIGHT

GTU05

Experience the authentic tranquility with the darkness tone of Moonless Night. Pacify your nerves with the tender of its natural design; be prepared to indulge in the twilight of definite classiness.

BASES

60x30 / 60x60



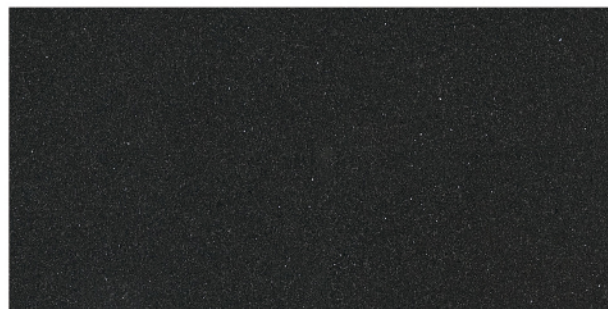
MOONLESS NIGHT POLISHED 60x60



MOONLESS NIGHT STRUCTURED 60x60



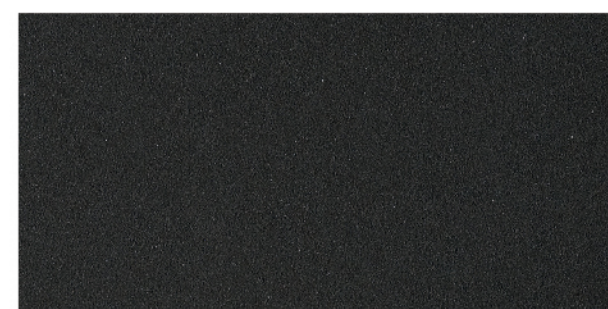
MOONLESS NIGHT MATT 60x60



MOONLESS NIGHT POLISHED 60x30



MOONLESS NIGHT STRUCTURED 60x30



MOONLESS NIGHT MATT 60x30



CLOSE UP



CLOSE UP



CLOSE UP

DECORS

60x30



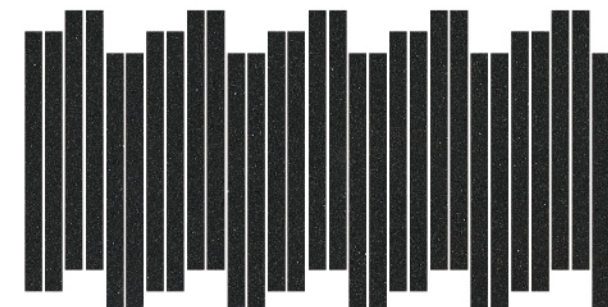
DECO A
POLISHED



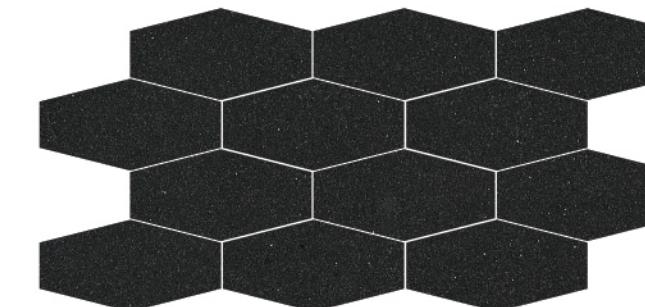
DECO B
POLISHED

MOSAICS

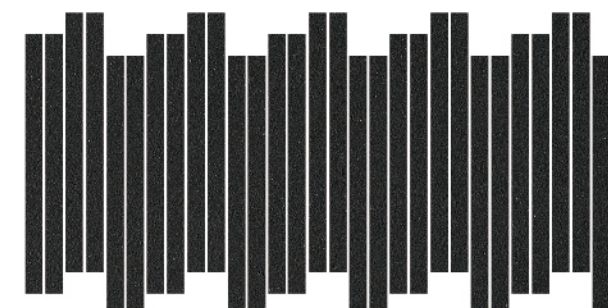
60x30



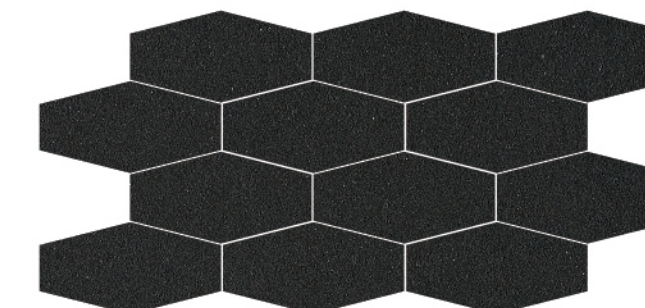
IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

MOONLESS NIGHT

GTU05

2 FORMATS
· 60x30cm
· 60x60cm

3 SURFACES
· POLISHED
· MATT
· STRUCTURED

2 DECORS
· DECO A
· DECO B

2 MOSAICS
· IRREGULAR
MOSAIC STRIP
· MOSAIC SEED



FLOOR: 30X60 ACORN MATT / WALL: 7X30 (CUT SIZE) ACORN MATT



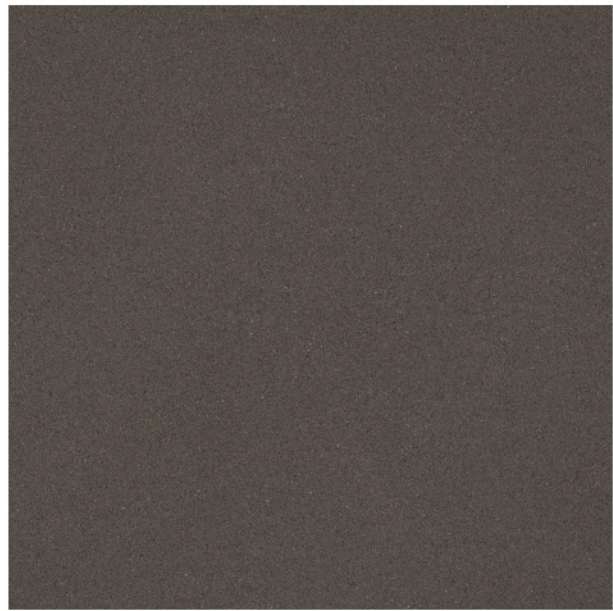
FLOOR: 7x30 (CUT SIZE) ACORN MATT

ACORN GTU06

Inspired by the Oak tree, Acorns are the seed of these trees found on the forest bed. Its warm brown colour blends with the earth, epitomizes a natural, down to earth quality to homes, characterizing simplicity, wholesomeness and dependability. It is a haven steeped in the culture and colours of warmth and comfort.

BASES

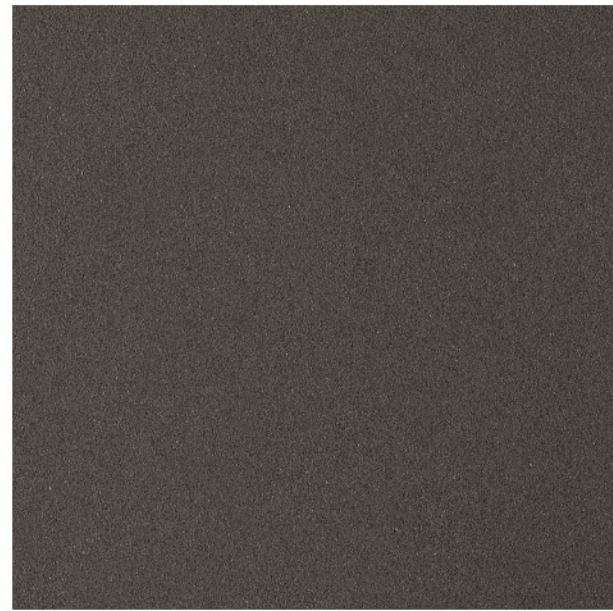
60x30 / 60x60



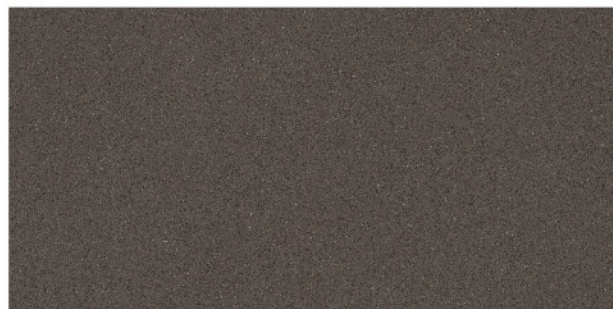
ACORN POLISHED 60x60



ACORN STRUCTURED 60x60



ACORN MATT 60x60



ACORN POLISHED 60x30



ACORN STRUCTURED 60x30



ACORN MATT 60x30



➤ CLOSE UP



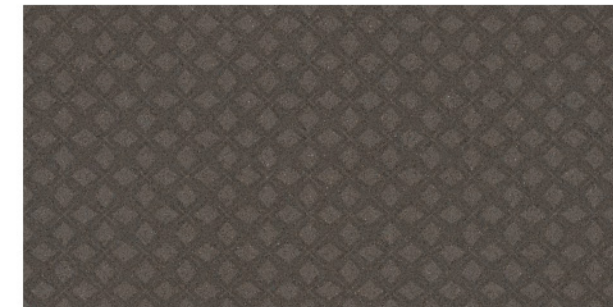
➤ CLOSE UP



➤ CLOSE UP

DECORS

60x30



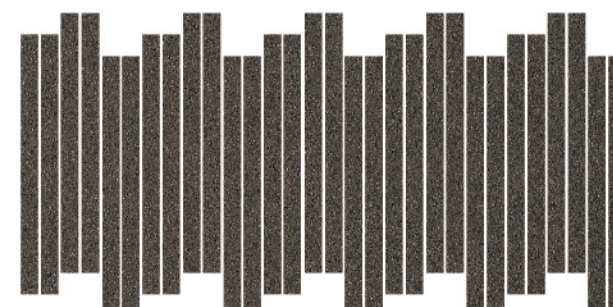
DECO A
POLISHED



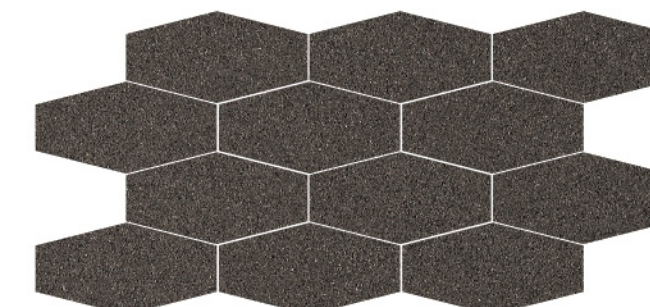
DECO B
POLISHED

MOSAICS

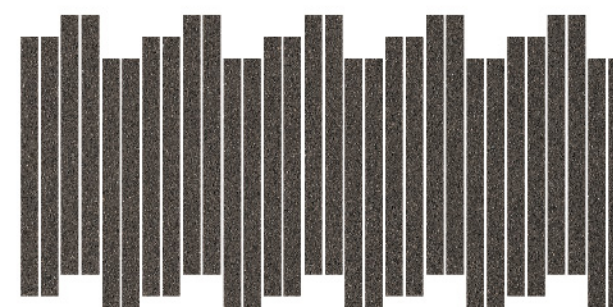
60x30



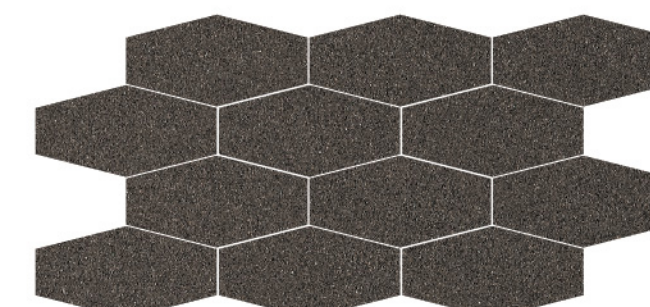
IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

ACORN

GTU06

2 FORMATS

- 60x30cm
- 60x60cm

3 SURFACES

- POLISHED
- MATT
- STRUCTURED

2 DECORS

- DECO A
- DECO B

2 MOSAICS

- IRREGULAR MOSAIC STRIP
- MOSAIC SEED



FLOOR: 60x30 COASTAL FOG POLISHED

COASTAL FOG

GTU07

Live the calmness of the Coastal Fog, with its bright yet soothing feel in your space. The natural fog glow will surely tranquil your senses; hindering your woes.

BASES

60x30 / 60x60



COASTAL FOG POLISHED 60x60



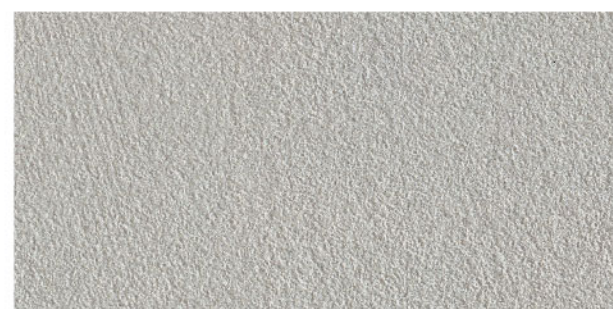
COASTAL FOG STRUCTURED 60x60



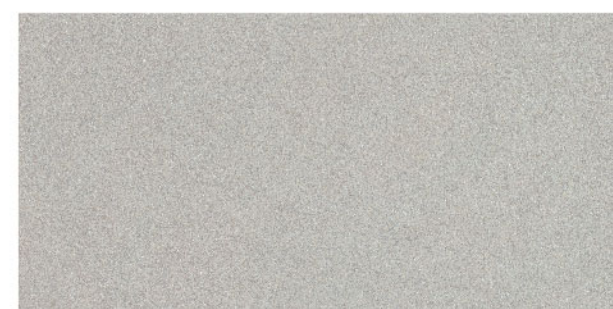
COASTAL FOG MATT 60x60



COASTAL FOG POLISHED 60x30



COASTAL FOG STRUCTURED 60x30



COASTAL FOG MATT 60x30



➤ CLOSE UP



➤ CLOSE UP



➤ CLOSE UP

DECORS

60x30



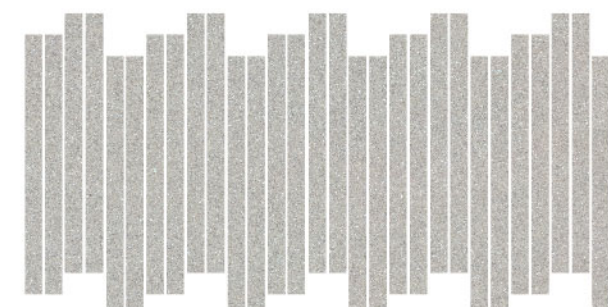
DECO A
POLISHED



DECO B
POLISHED

MOSAICS

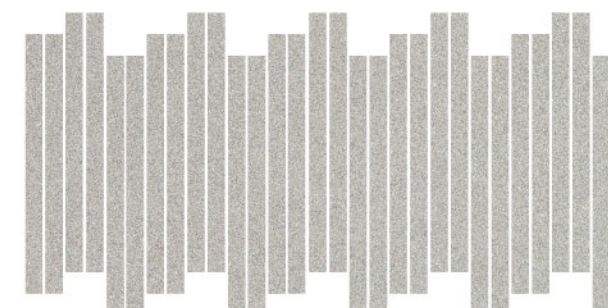
60x30



IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

COASTAL FOG

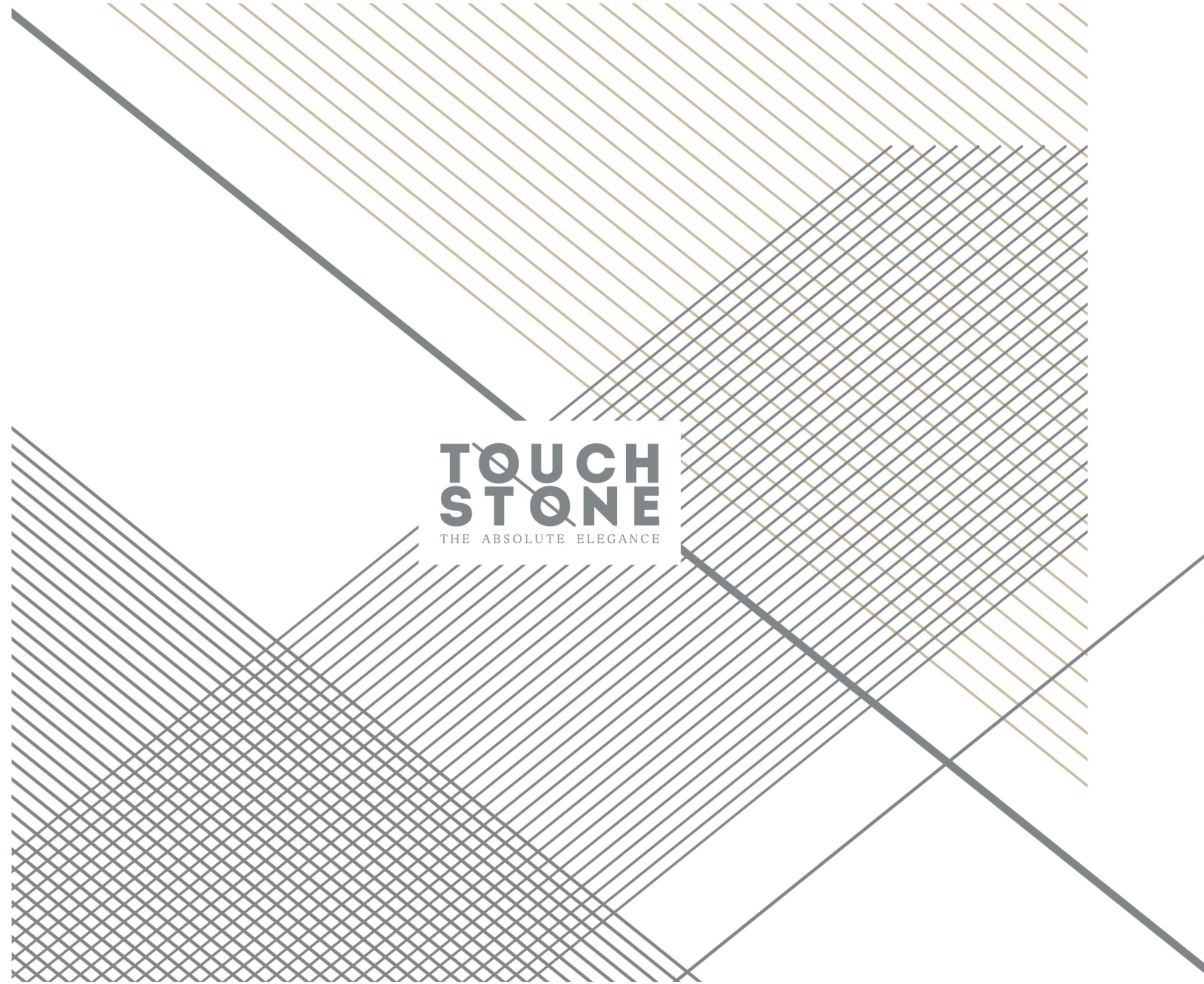
GTU07

2 FORMATS
· 60x30cm
· 60x60cm

3 SURFACES
· POLISHED
· MATT
· STRUCTURED

2 DECORS
· DECO A
· DECO B

2 MOSAICS
· IRREGULAR
MOSAIC STRIP
· MOSAIC SEED



**TOUCH
STONE**
THE ABSOLUTE ELEGANCE

TECHNICAL SPECIFICATIONS

DESCRIPTION	STANDARD TEST	MEASUREMENT UNIT	ISO STANDARD REQUIREMENT	NIRO GRANITE
Length & Width	ISO 10545 -2	mm	±0.6% Max	±0.30% Max
Thickness	ISO 10545 -2	mm	±5.0% Max	±5.0% Max
Sides Straightness	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Rectangularity	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Flatness: a) Centre Curvature	ISO 10545 -2	mm	±0.5% Max	±0.20% Max / Max 2.0mm
b) Edge Curvature	ISO 10545 -2	mm	±0.5% Max	±0.20% Max / Max 2.0mm
c) Warpage	ISO 10545 -2	mm	±0.5% Max	±0.20% Max / Max 2.0mm
Surface Quality	ISO 10545 -2	One Major Area of Tiles	≥ 95% free from visible defect	Comply
Water Absorption	ISO 10545 -3	Mass	≤0.5%	≤0.20%
Breaking Strength	ISO 10545 -4	N	≥ 1300 N	≥ 1300 N
Modulus of Rupture	ISO 10545 -4	N/mm2	≥ 35 N/mm2 Individual ≥ 32 N/mm2	≥ 35 N/mm2 Individual ≥ 32 N/mm2
Abrasion Resistance				
a) Deep Abrasion for unglazed tiles	ISO 10545 -6	mm3	≤ 175 mm3	≤ 160 mm3
b) Surfaces Abrasion for glazed tiles	ISO 10545 -7	Visual Check	Manuf. to state abrasion class, cycle and passed	≥ PEI 3 (Dependent on product type)*
Crazing Test (glazed tiles)	ISO 10545 -11	Visual Check	No Sign of Crazing	No Sign of Crazing
Frost Resistance	ISO 10545 -12	Visual Check	Required	No Visible Crack
Chemical Resistance				
a) Low concentrations	ISO 10545 -13	Visual Check	Manuf. To State	Class A Class B (For Polished Tile)
b) Household chemicals and swimming pool salts	ISO 10545 -13	Visual Check	≥ Class B	Class A Class B (For Polished Tile)
Stain Resistance				
a) For unglazed tiles	ISO 10545 -14	Visual Check	Manuf. to State	≥ Class 3
b) For glazed tiles	ISO 10545 -14	Visual Check	≥ Class 3	≥ Class 3
Slip Resistance (Excluding Polished, Lappato and Matt Satin finishing)	AS/NZS 4586 App. A	P0 to P5	Manuf. to State	Wet Pendulum ≥ P2 (Dependent on product type)*

The technical specifications is only for rectified tiles. * Refer to test report for specific test result.

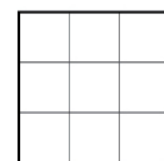
Each different tiles series are produced to meet different performance requirements. For specific product technical performance, please request from Niro Granite sales team or their agent or distributor.

Colour Variations: Since the colour reproduction in this printed piece will vary from the actual tile colours, final selection should be made from tile samples. Colour, shade and glaze variations may exist due to the inherent characteristics of porcelain tile.

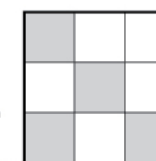


Due to the low porosity of porcelain tiles, an Improved High Performance Cementitious adhesive in accordance to BS EN 12004 & ISO 13007-1 is highly recommended for proper installation. Products that meet this standard are available amongst leading adhesive manufacturers. Please seek expert advice from adhesive manufacturers for proper selection and application.

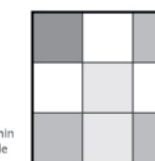
SHADE VARIATION



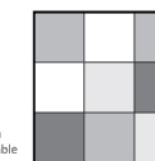
Uniform from tile to tile
The range of colours and tones within the same shade is relatively uniform from tile to tile.
Minimal to no difference among pieces from the same production run.



Slightly noticeable from tile to tile
The range of colours and tones within the same shade is slightly noticeable from tile to tile.
Clearly distinguishable differences in design or pattern with similar or slight change in colour tones.



Moderately noticeable from tile to tile
The range of colours and tones within the same shade is moderately noticeable from tile to tile.
Clearly distinguishable differences in design or pattern.





Distinctly noticeable from tile to tile
The range of colours and tones within the same shade is distinctly different from tile to tile.
Random colour differences from tile to tile, so that one tile may have totally different colors from that on other tiles.
Final installation can be unique.




PASSIONATE ABOUT LIFE



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