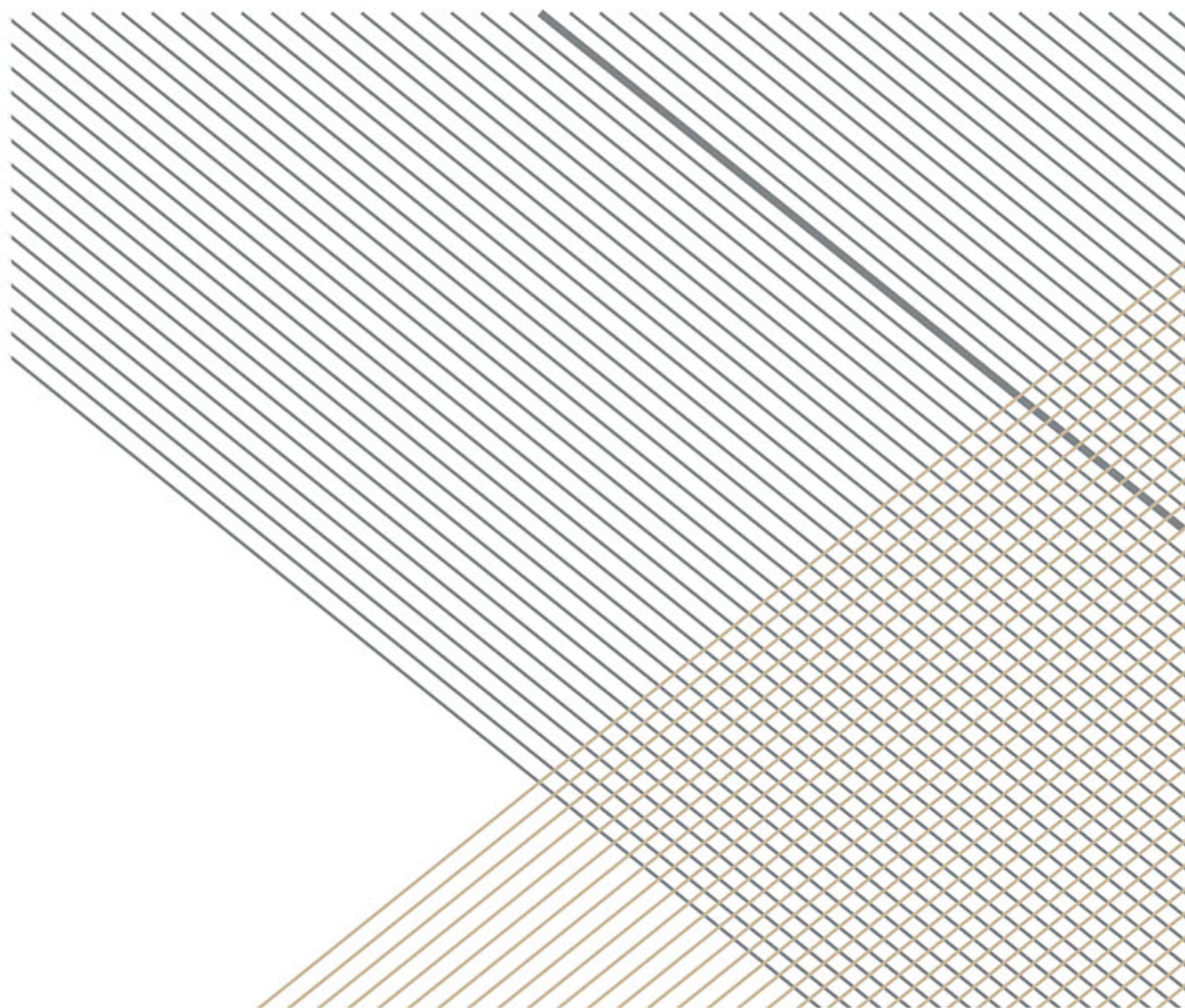


TOUCH STONE

THE ABSOLUTE ELEGANCE





THE ABSOLUTE ELEGANCE

Introducing Touch Stone, it's 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, 60x60cm and 80x80cm; 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

5 COLOURS

SAND SHELL / PEBBLE / WALNUT / SMOKED GRAY / MOONLESS NIGHT

3 FORMATS

60x30 / 60x60 / 80x80 (ONLY POLISHED SURFACE)

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.



SAND SHELL POLISHED

80x80



SAND SHELL POLISHED

60x60



SAND SHELL STRUCTURED

60x60



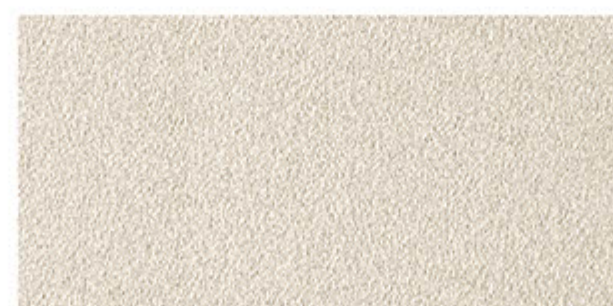
SAND SHELL MATT

60x60



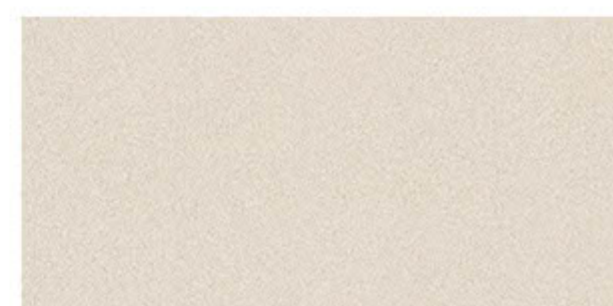
SAND SHELL POLISHED

60x30



SAND SHELL STRUCTURED

60x30



SAND SHELL MATT

60x30

BASES

60x30 / 60x60 / 80x80

DECORS

60x30



DECO A
POLISHED

60x30



DECO B
POLISHED

60x30

MOSAICS

60x30



IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

SAND SHELL

GTU01

3 FORMATS

- 60x30cm
- 60x60cm
- 80x80cm

3 SURFACES

- POLISHED
- MATT
- STRUCTURED

2 DECORS

- DECO A
- DECO B

2 MOSAICS

- IRREGULAR MOSAIC STRIP
- MOSAIC SEED



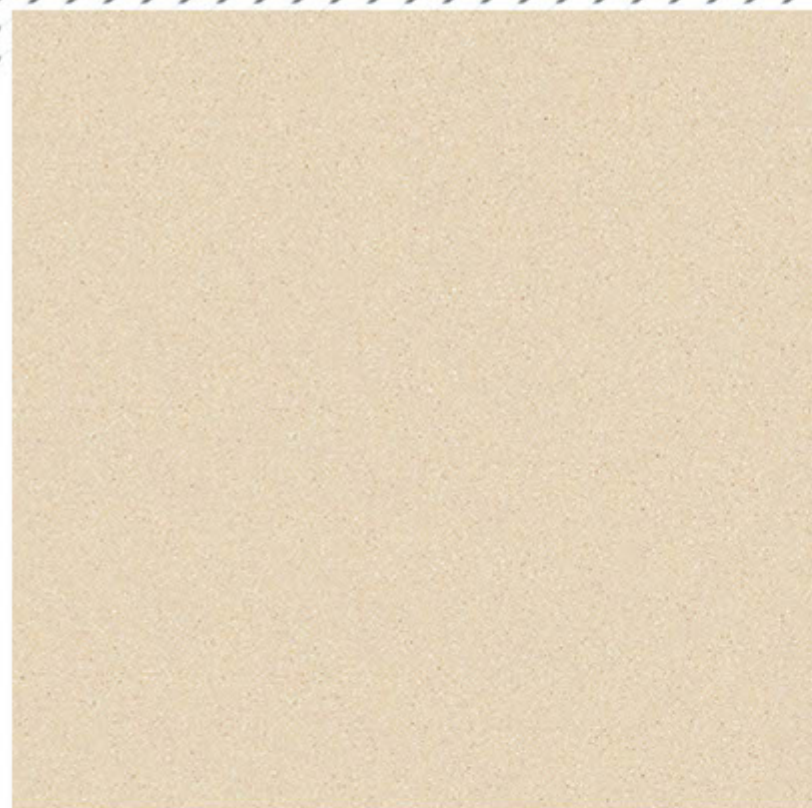
FLOOR: 60x60 PEBBLE POLISHED / WALL: 60x30 PEBBLE POLISHED



WALL: 60x30 PEBBLE MATT + DECO A

PEBBLE GTU02

Caters exclusively for the pure and neutral enthusiast, be equipped for the incarnation of Pebble, the master of minimalist. Illuminating the charming tone of beige, Pebble surrounds you with the elegance of the earthiness light brown.



PEBBLE POLISHED 80x80



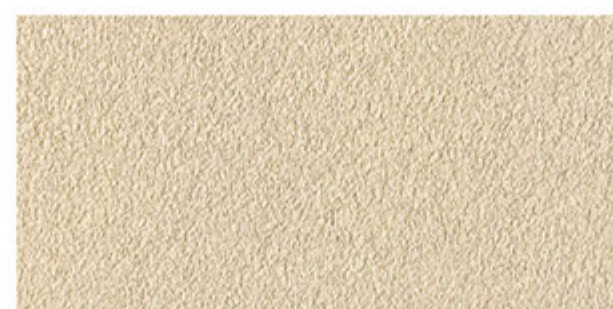
PEBBLE POLISHED 60x60



PEBBLE STRUCTURED 60x60



PEBBLE POLISHED 60x30



PEBBLE STRUCTURED 60x30



PEBBLE MATT 60x60



PEBBLE MATT 60x30

BASES

60x30 / 60x60 / 80x80

DECORS

60x30



DECO A POLISHED 60x30



DECO B POLISHED 60x30

MOSAICS

60x30



IRREGULAR MOSAIC STRIP POLISHED 60x30



MOSAIC SEED POLISHED 60x30



IRREGULAR MOSAIC STRIP MATT 60x30



MOSAIC SEED MATT 60x30

PEBBLE

GTU02

3 FORMATS

- 60x30cm
- 60x60cm
- 80x80cm

3 SURFACES

- POLISHED
- MATT
- STRUCTURED

2 DECORS

- DECO A
- DECO B

2 MOSAICS

- IRREGULAR MOSAIC STRIP
- MOSAIC SEED



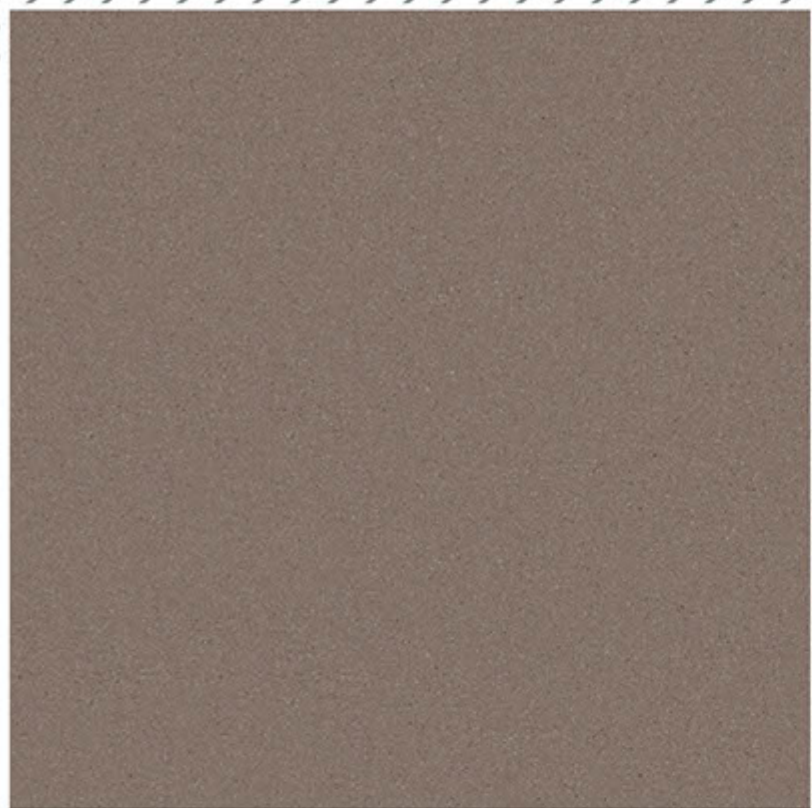
FLOOR: 60x60 WALNUT MATT + MOSAIC SEED MATT / WALL: 60x30 WALNUT MATT



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.



WALNUT POLISHED

80x80



WALNUT POLISHED

60x60



WALNUT STRUCTURED

60x60



WALNUT MATT

60x60



WALNUT POLISHED

60x30



WALNUT STRUCTURED

60x30



WALNUT MATT

60x30

BASES

60x30 / 60x60 / 80x80

DECORS

60x30



DECO A
POLISHED

60x30



DECO B
POLISHED

60x30

MOSAICS

60x30



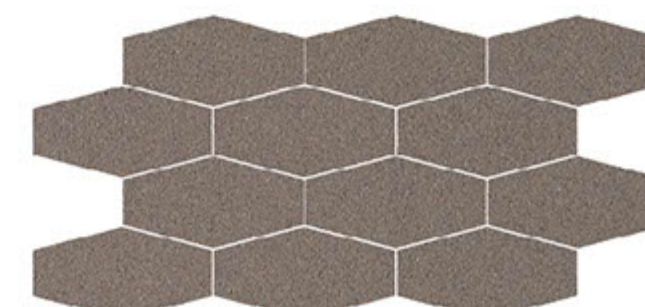
IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

WALNUT

GTU03

3 FORMATS

- 60x30cm
- 60x60cm
- 80x80cm

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



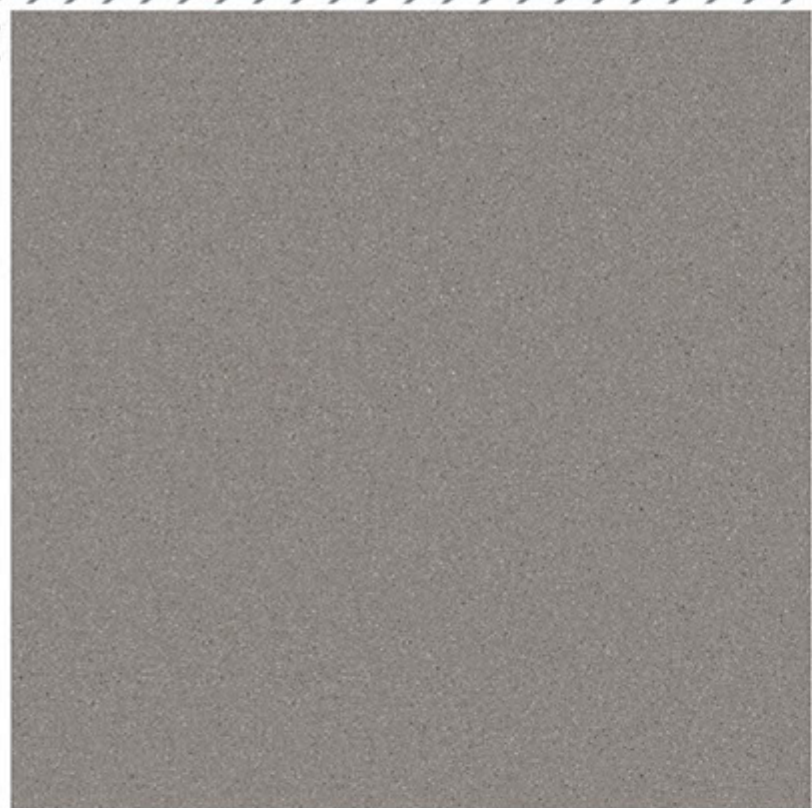
FLOOR: 60x30 SMOKED GRAY STRUCTURED / WALL: MOSAIC SEED MATT

SMOKED GRAY

GTU04

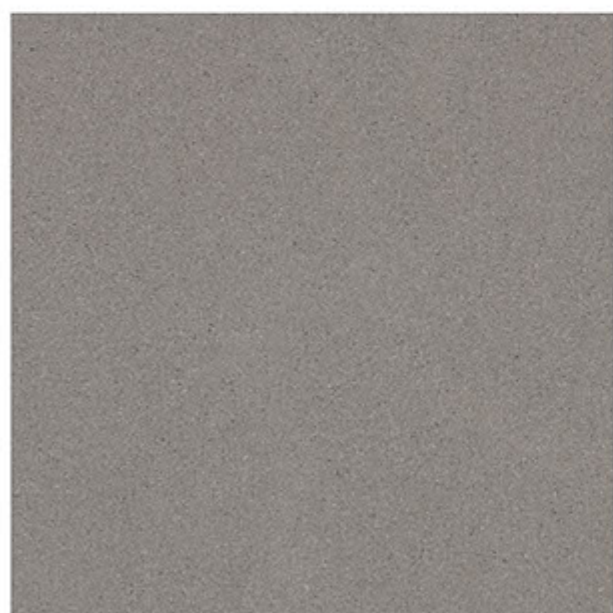
Aspire for a minimalist yet urbane scenery, Smoked Gray satiates every desire with its modish yet dynamic tone.

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



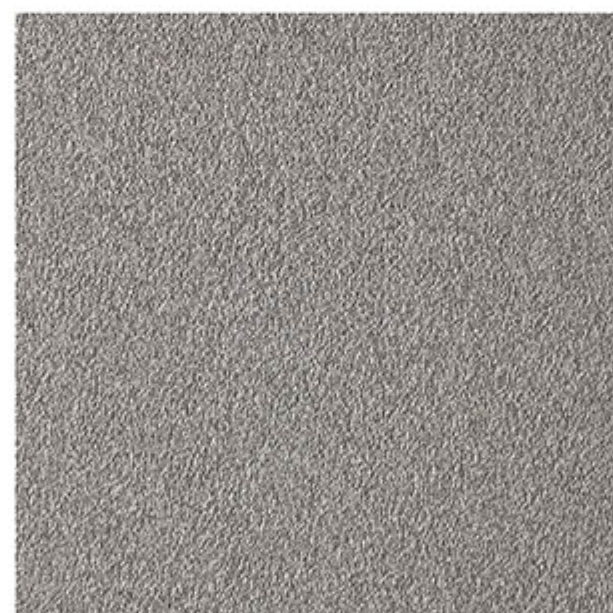
SMOKED GRAY POLISHED

80x80



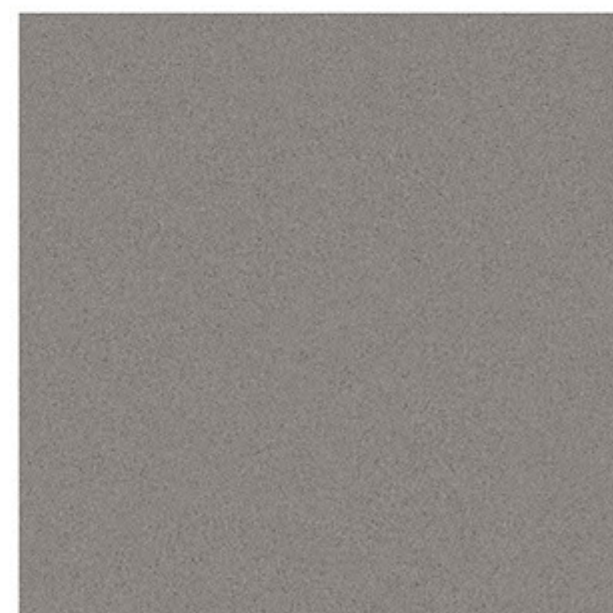
SMOKED GRAY POLISHED

60x60



SMOKED GRAY STRUCTURED

60x60



SMOKED GRAY MATT

60x60



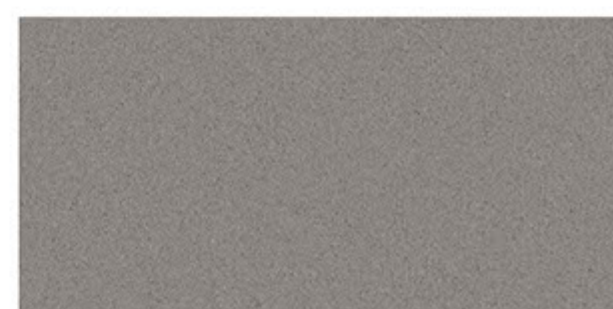
SMOKED GRAY POLISHED

60x30



SMOKED GRAY STRUCTURED

60x30



SMOKED GRAY MATT

60x30

BASES

60x30 / 60x60 / 80x80

DECORS

60x30



DECO A
POLISHED

60x30

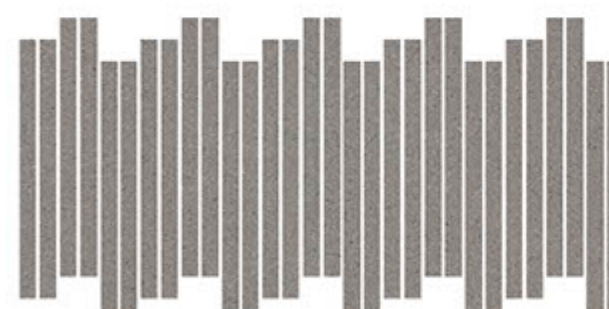


DECO B
POLISHED

60x30

MOSAICS

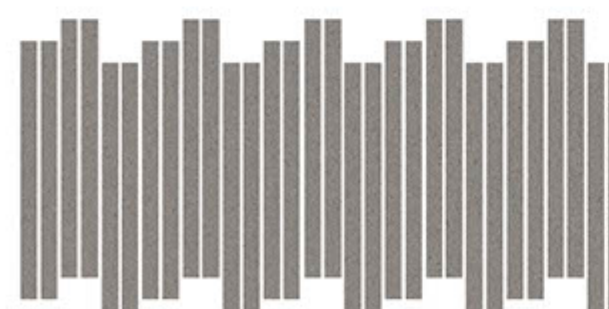
60x30



IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

SMOKED GRAY

GTU04

3 FORMATS

- 60x30cm
- 60x60cm
- 80x80cm

3 SURFACES

- POLISHED
- MATT
- STRUCTURED

2 DECORS

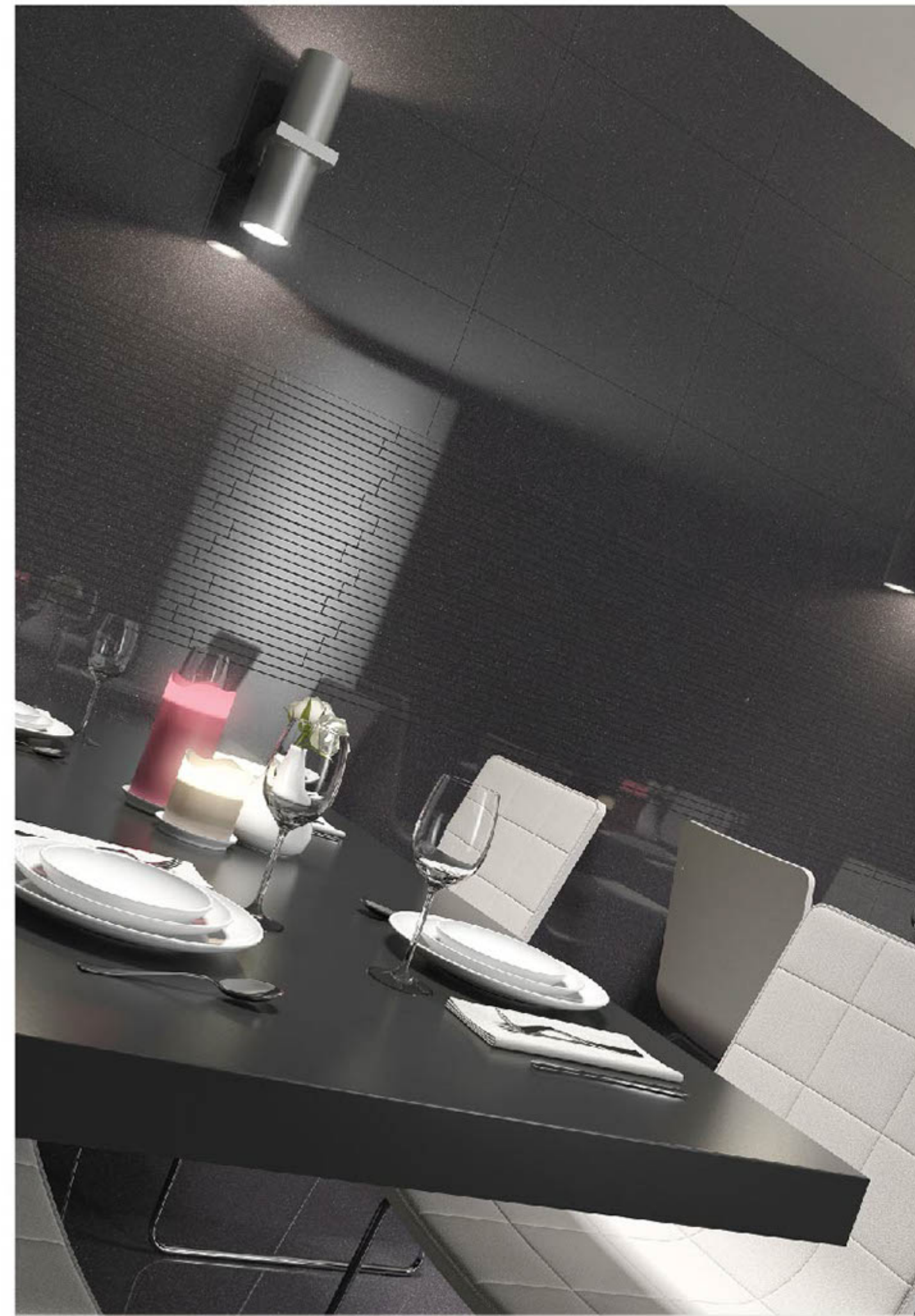
- DECO A
- DECO B

2 MOSAICS

- IRREGULAR MOSAIC STRIP
- MOSAIC SEED



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

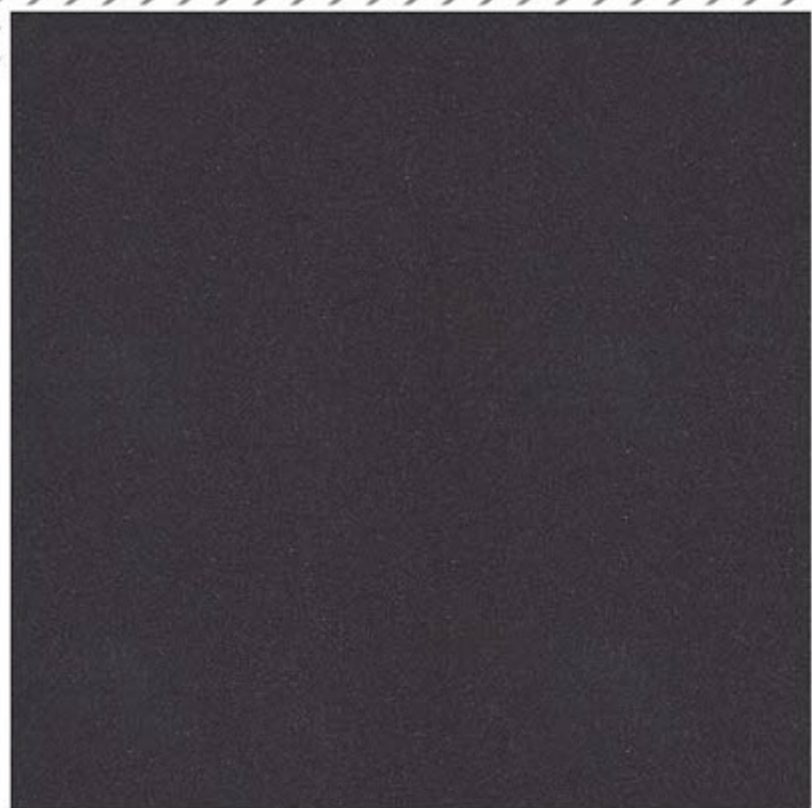


WALL: 60x30 MOONLESS NIGHT POLISHED + IRREGULAR MOSAIC STRIP POLISHED

MOONLESS NIGHT

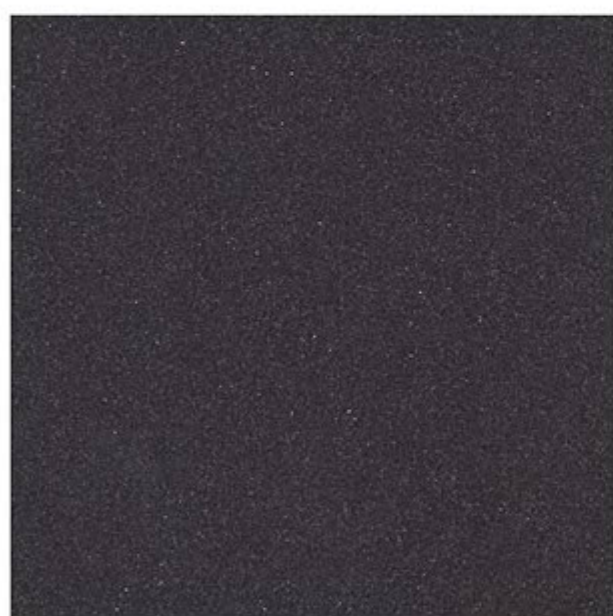
GTU05

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.



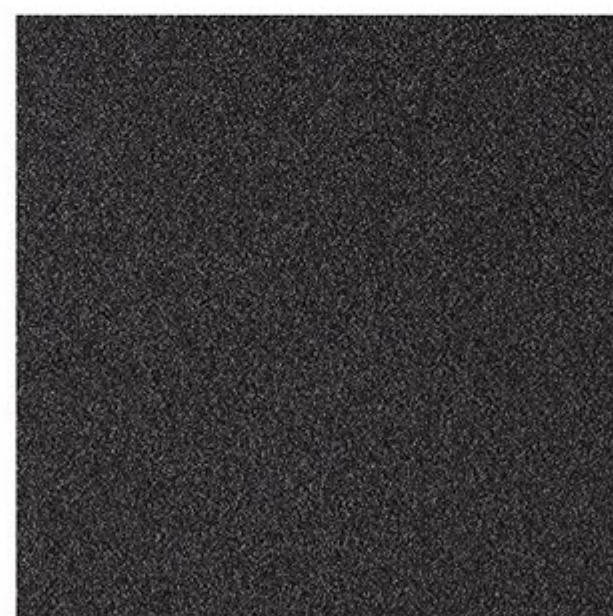
MOONLESS NIGHT POLISHED

80x80



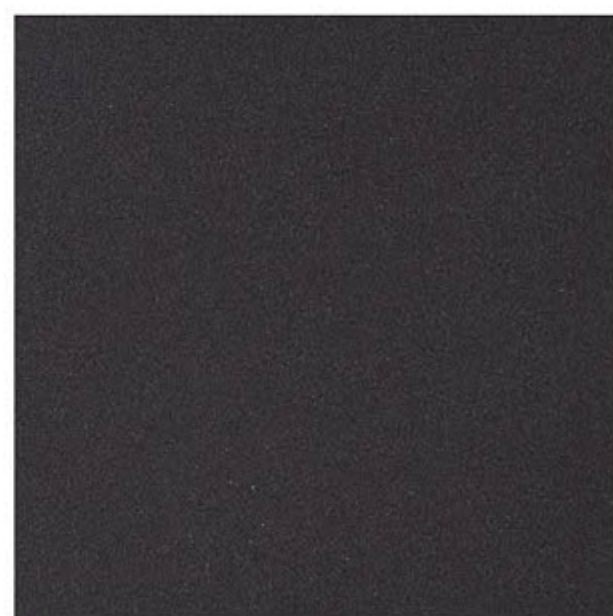
MOONLESS NIGHT POLISHED

60x60



MOONLESS NIGHT STRUCTURED

60x60



MOONLESS NIGHT MATT

60x60



MOONLESS NIGHT POLISHED

60x30



MOONLESS NIGHT STRUCTURED

60x30



MOONLESS NIGHT MATT

60x30

BASES

60x30 / 60x60 / 80x80

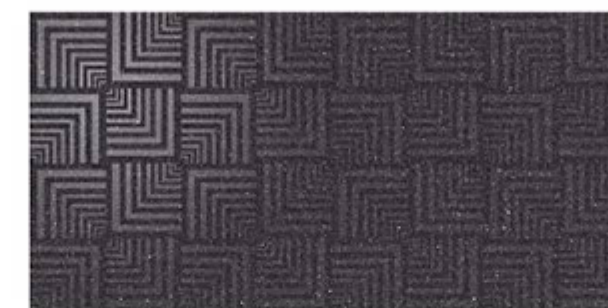
DECORS

60x30



DECO A
POLISHED

60x30

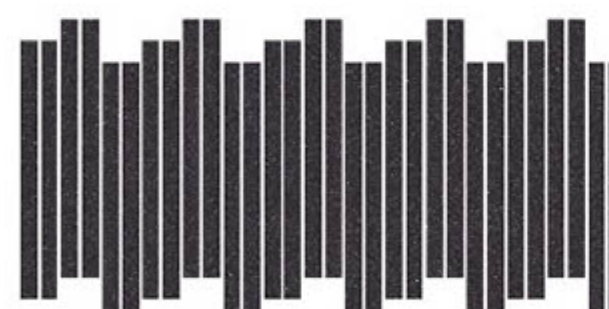


DECO B
POLISHED

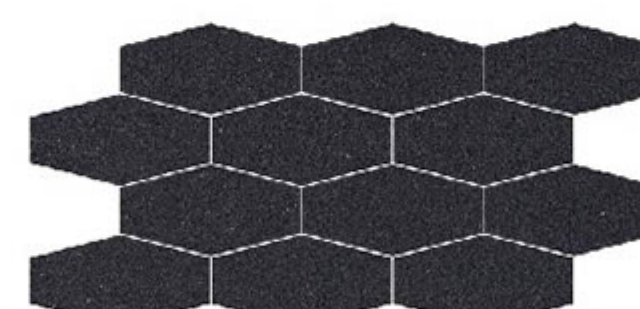
60x30

MOSAICS

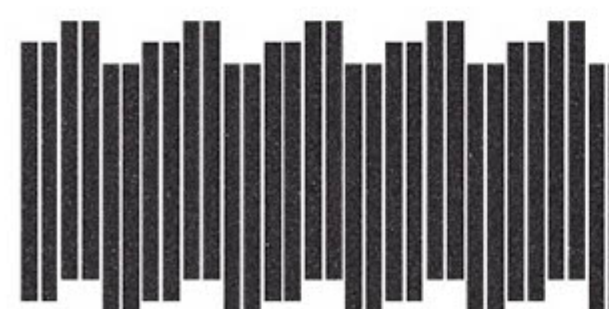
60x30



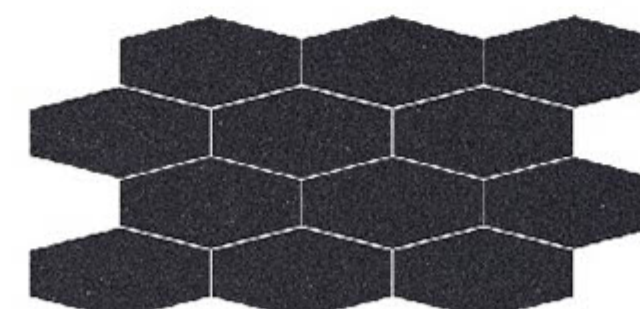
IRREGULAR MOSAIC STRIP
POLISHED



MOSAIC SEED
POLISHED



IRREGULAR MOSAIC STRIP
MATT



MOSAIC SEED
MATT

MOONLESS NIGHT

GTU05

3 FORMATS

- 60x30cm
- 60x60cm
- 80x80cm

3 SURFACES

- POLISHED
- MATT
- STRUCTURED

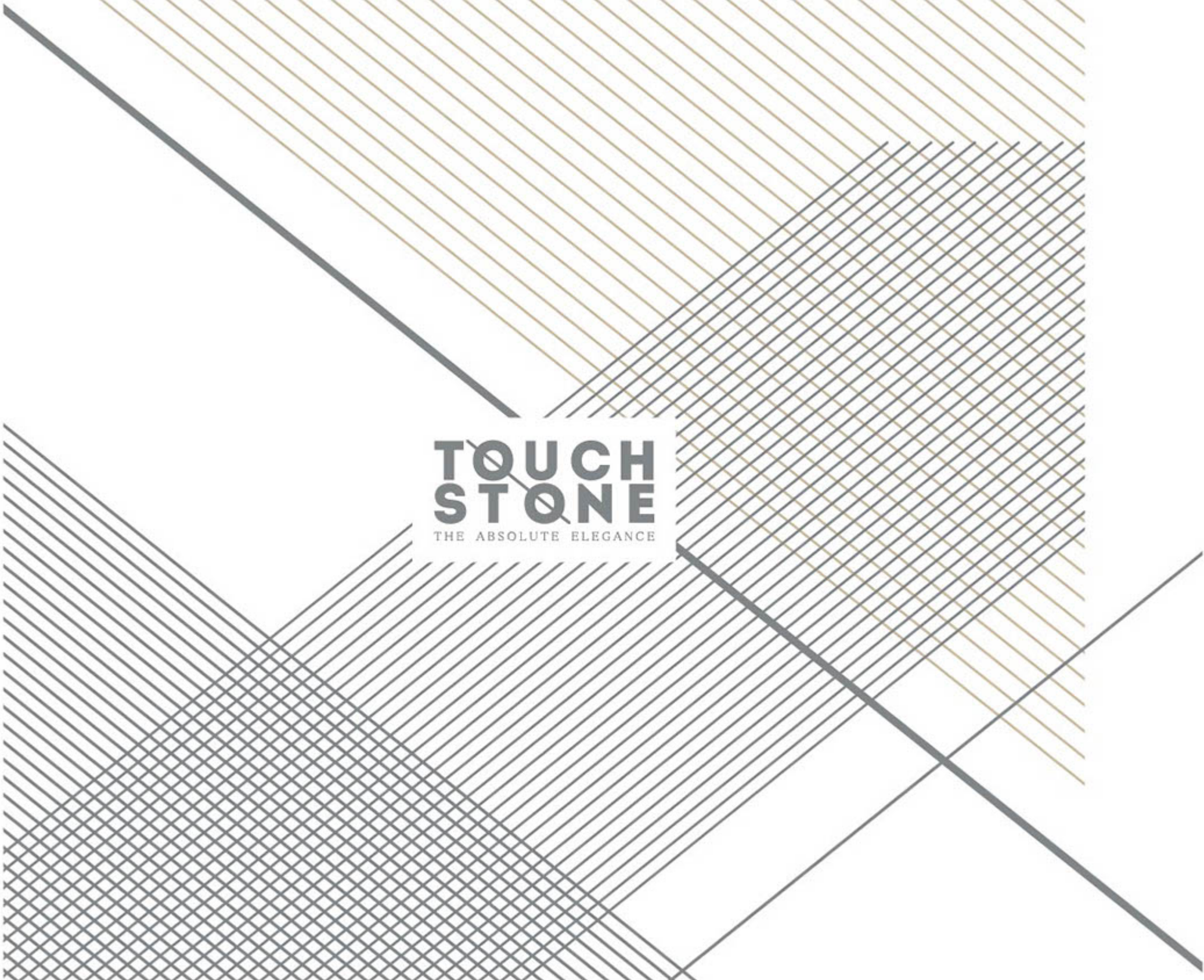
2 DECORS

- DECO A
- DECO B

2 MOSAICS

- IRREGULAR MOSAIC STRIP
- MOSAIC SEED

TECHNICAL SPECIFICATIONS



Description	Standard Test	Measurement Unit	ISO Standard Requirement	NIRO GRANITE
Length & Width	MS ISO 10545 - 2	mm	± 0.5% Max	± 0.25% Max
Thickness	MS ISO 10545 - 2	mm	± 5.0% Max	± 2.50% Max
Sides Straightness	MS ISO 10545 - 2	mm	± 0.5% Max	± 0.25% Max
Rectangularity	MS ISO 10545 - 2	mm	± 0.6% Max	± 0.30% Max
Flatness: a) Centre Curvature b) Edge Curvature c) Warpage	MS ISO 10545 - 2 MS ISO 10545 - 2 MS ISO 10545 - 2	mm mm mm	± 0.5% Max ± 0.5% Max ± 0.5% Max	± 0.25% Max ± 0.25% Max ± 0.25% Max
Surface Quality	MS ISO 10545 - 2	One major area of tiles	≥ 95% free from visible defect	Comply
Water Absorption	MS ISO 10545 - 3	Mass	≤ 0.5%	≤ 0.25% Max
Modulus of Rupture	MS ISO 10545 - 4	N/mm2	≥ 35 N/mm2	≥ 35 N/mm2
Deep Abrasion	MS ISO 10545 - 6	mm3	≤ 175 mm3	≤ 160 mm3
Surface Abrasion PEI ASTM C1027	MS ISO 10545 - 7	Visual Check	Manuf. to State Abrasion Class, Cycle Passed	Min PEI 3
Crazing Test	MS ISO 10545 - 11	Visual Check	Not Applicable for porcelain tiles	Not Applicable
Frost Resistance	MS ISO 10545 - 12	Visual Check	Required	No Visible Crack
Chemical Resistance (Low Cons.)	MS ISO 10545 - 13	Visual Check	Manuf. to State	Max Visible Change On Cut Side
Chemical Resistance (Household/Swimming Pool)	MS ISO 10545 - 13	Visual Check	Max Visible Change On Cut Side	Max Visible Change On Cut Side
Stain Resistance	MS ISO 10545 - 14	Visual Check	Class 3 Min	Class 3 Min
Coefficient of Friction AS/NZS 4586-1999 App.D.	MS ISO 10545 - 17	Manuf. to State	Manuf. to State	Oil /Wet Ramp (R9 Min)

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 AND TONALITIES

	U1 UNIFORM FROM TILE TO TILE		U2 SLIGHTLY NOTICEABLE FROM TILE TO TILE		U3 MODERATELY NOTICEABLE FROM TILE TO TILE		U4 DISTINCTLY NOTICEABLE FROM TILE TO TILE
	U1 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.		U2 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.		U3 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.		U4 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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