

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/mm ²	≥ 35 N/mm ² Individual ≥ 32 N/mm ²	≥ 35 N/mm ² Individual ≥ 32 N/mm ²
Abrasion Resistance				
a) Deep Abrasion for unglazed tiles	ISO 10545 -6	mm ³	≤ 175 mm ³	≤ 160 mm ³
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 finishes)	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 Nirol 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

V1 UNIFORM FROM TILE TO TILE	V2 SLIGHTLY NOTICEABLE FROM TILE TO TILE	V3 MODERATELY NOTICEABLE FROM TILE TO TILE	V4 DISTINCTLY NOTICEABLE FROM TILE TO TILE
V1 Uniform from tile to tile <small>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.</small>	V2 Slightly noticeable from tile to tile <small>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.</small>	V3 Moderately noticeable from tile to tile <small>The range of colours and tones within the same shade is moderately noticeable from tile to tile. Clearly distinguishable differences in design or pattern.</small>	V4 Distinctly noticeable from tile to tile <small>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 colour from that of other tiles. Final installation can be unique.</small>



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CT - YURA 160826



YURA





YURA

The Yura collection inherits the characteristics of Italian natural stones with a smooth look and neutral to the other elements. Most of the natural colours are dark and solid and with the light variations and tone within tone shades creates a deeper look, giving the tile a personality.

Perfectly rectified with a delicate honed and natural surfaces, Yura comes in 4 different colours integrated with different sizes with an elegant mosaic combination to harmonize the wall and floor. Every single detail is specifically designed to create an exclusive room concept for lofts, boutiques, trendy bars and contemporary modern living. Yura, the floor solution developed in Italy to fit the best interior designs.



GMYO1 • SNOW



60 x 60cm



30 x 60cm



30 x 30cm



30 x 30cm mosaic seed /
30 x 30cm mosaic cut

GMYO3 • FOGGY



60 x 60cm



30 x 60cm

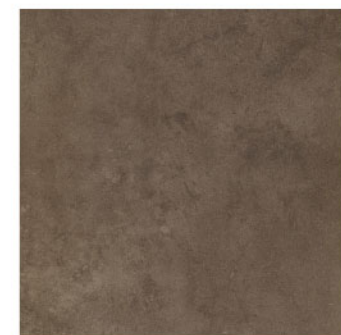


30 x 30cm



30 x 30cm mosaic seed /
30 x 30cm mosaic cut

GMYO4 • TOBACCO



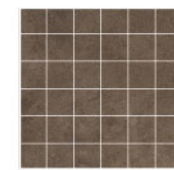
60 x 60cm



30 x 60cm



30 x 30cm

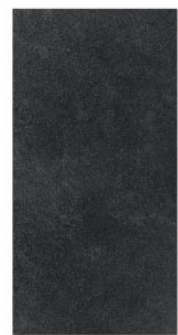


30 x 30cm mosaic seed /
30 x 30cm mosaic cut

GMYO6 • LEAD GREY



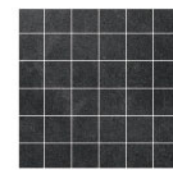
60 x 60cm



30 x 60cm



30 x 30cm

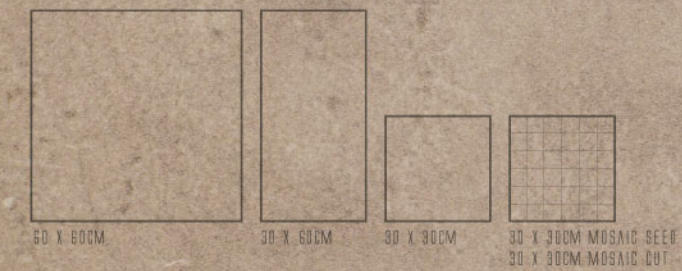


30 x 30cm mosaic seed /
30 x 30cm mosaic cut

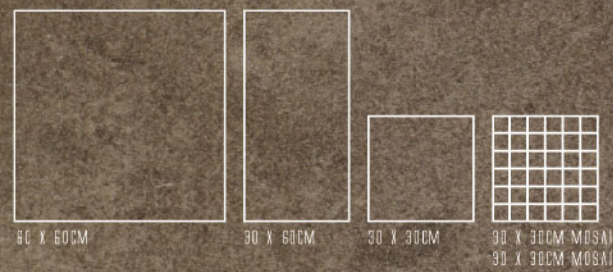


SNOW
GMY01

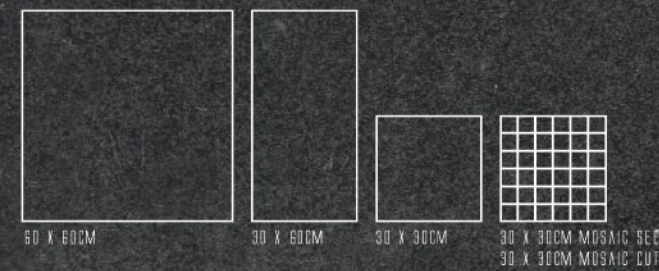
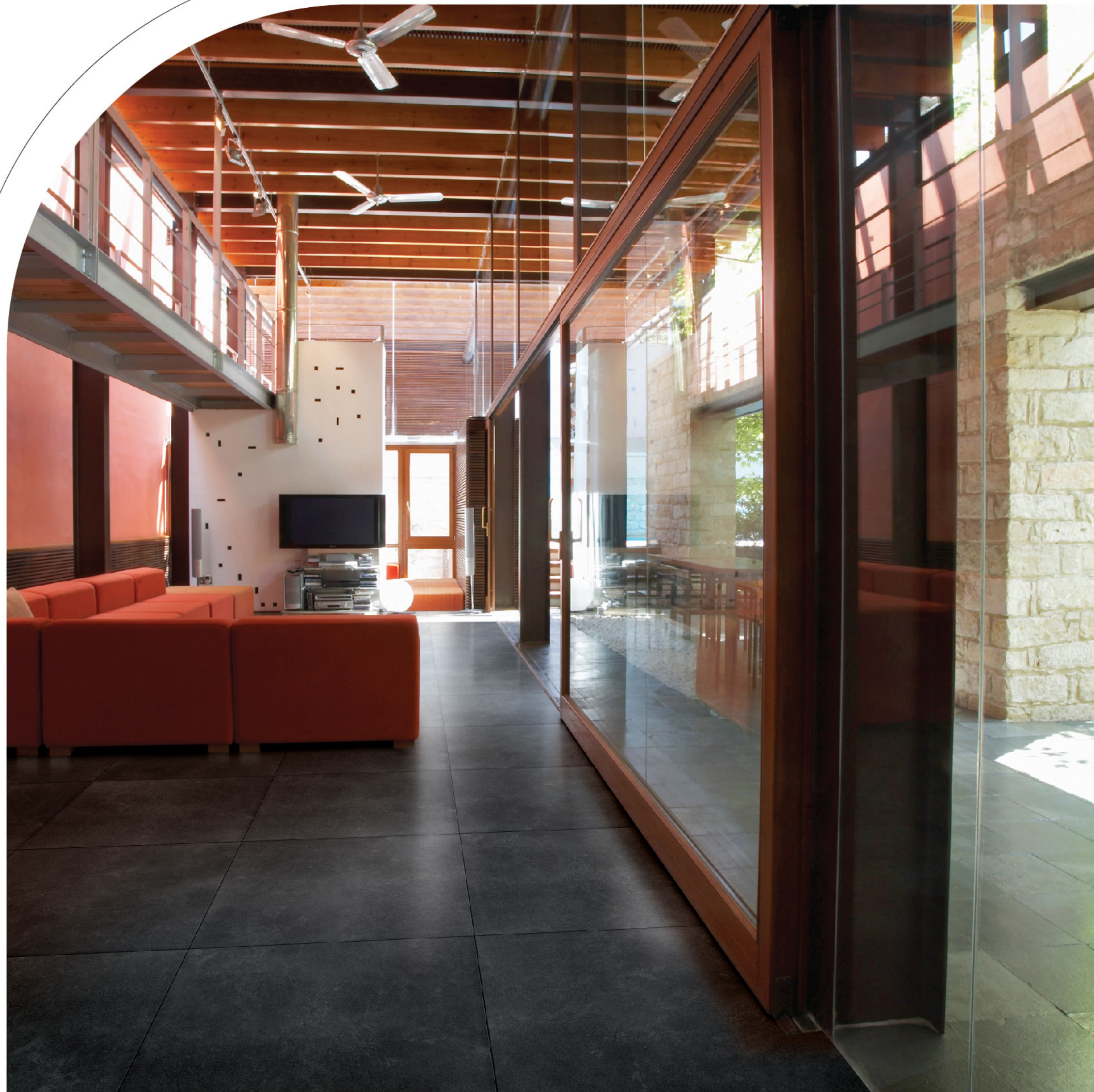
60 X 60CM 30 X 60CM 30 X 30CM 30 X 30CM MOSAIC SEEP / 30 X 30CM MOSAIC CUT



FOGGY
GMY03



TOBACCO
GMY04



LEAD GREY
GMY06