

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/mm ²	≥ 35 N/mm ²	≥ 35 N/mm ²
Deep Abrasion	MS ISO 10545 - 6	mm ³	≤ 175 mm ³	≤ 160 mm ³
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.



www.nirogranite.com.my

MEGALITO
LEGACIES FROM THE PASSAGE OF TIME

MEGALITO

LEGACIES FROM THE PASSAGE OF TIME

OF MAJESTY AND MIGHT - LEGACIES FROM THE PASSAGE OF TIME

Derived from the Megalithic period, natural and ancient stones form the essence of Niro Granite's Megalito range which embodies strength, dignity and durability.

Rocks that were hewn from the mountainous cliffs of Western Europe were traditionally used to construct prehistoric structures, ancient architecture and monuments, many of which are still standing tall to this day.

The Megalito series uniquely honours the characteristics of these rocks and have brought its natural, minimalistic beauty into residential and commercial settings, fitting it into today's diverse lifestyles.



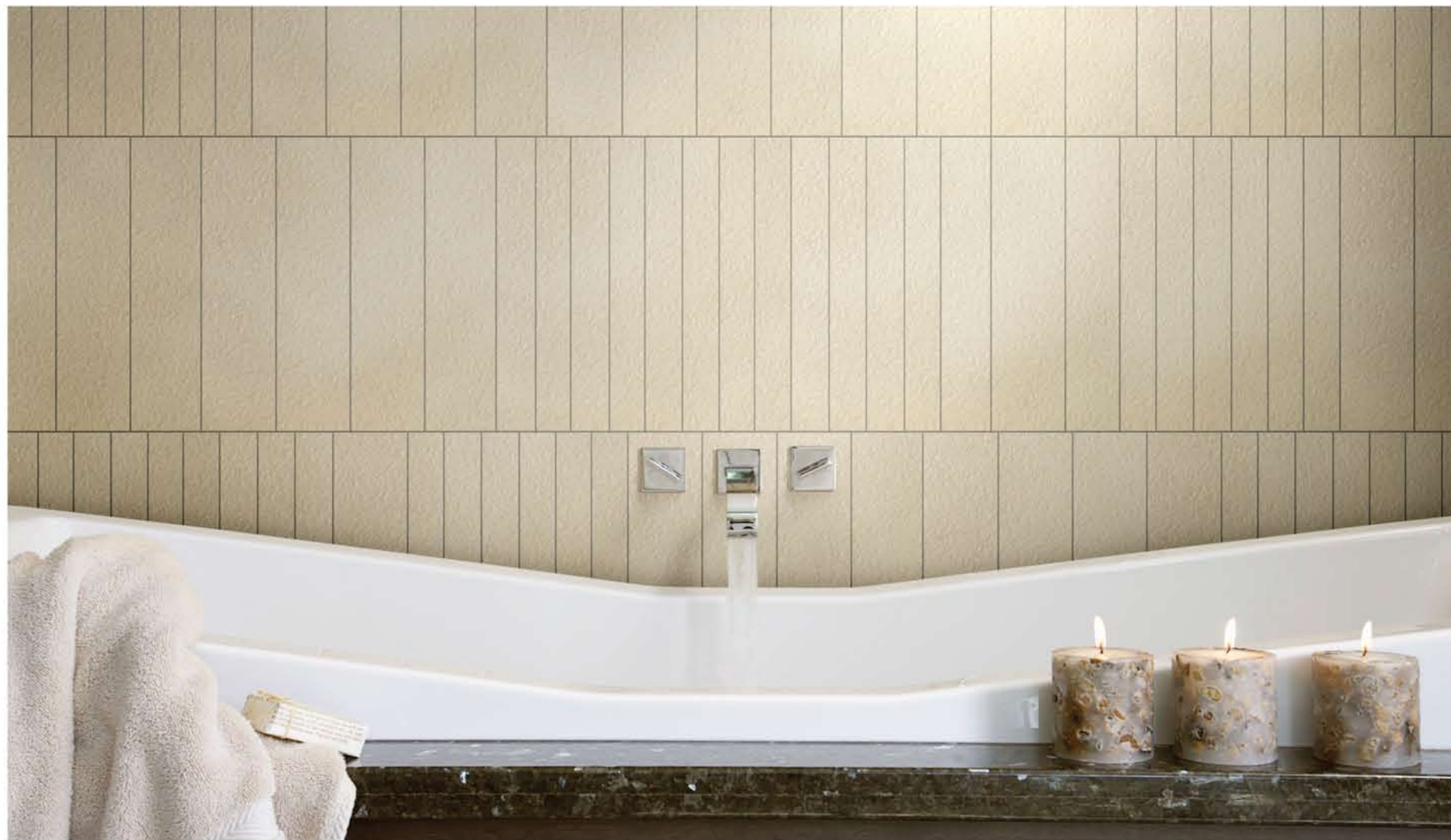


Clean and Uncluttered

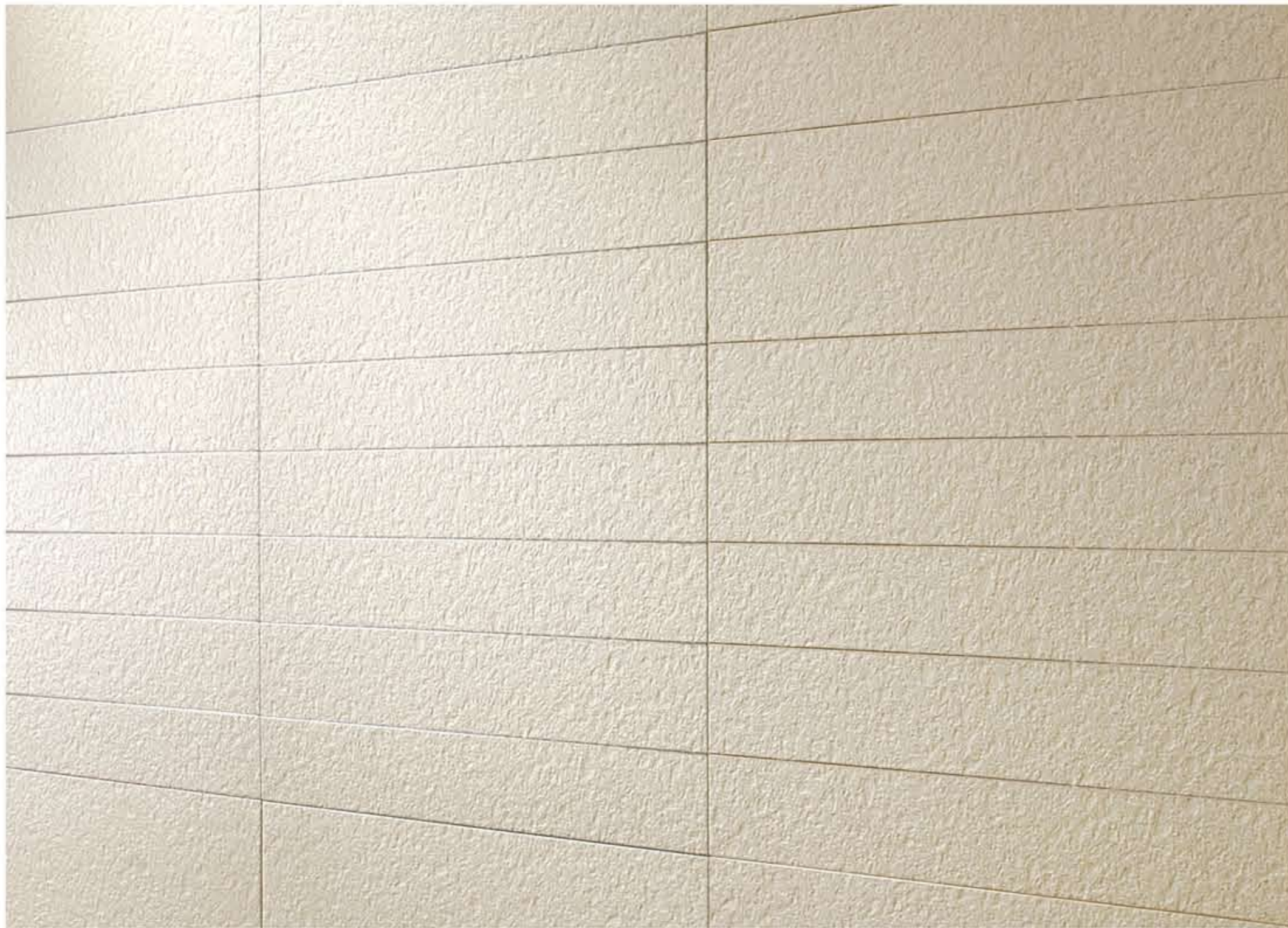
Lovers of this shade will appreciate the clean-lines it creates. Easy to complement with other shades, Bianco is versatile in breathing aesthetic life to every inch of your architecture and interior solution. Soothing to sight and relaxing to senses.

MEGALITO

LEGACIES FROM THE PASSAGE OF TIME



GSM 01 | BIANCO



MEGALITO

LEGACIES FROM THE PASSAGE OF TIME



GSM 01 | BIANCO | 60x60



GSM 01 | BIANCO | 60x30

BIANCO

Clean and Uncluttered

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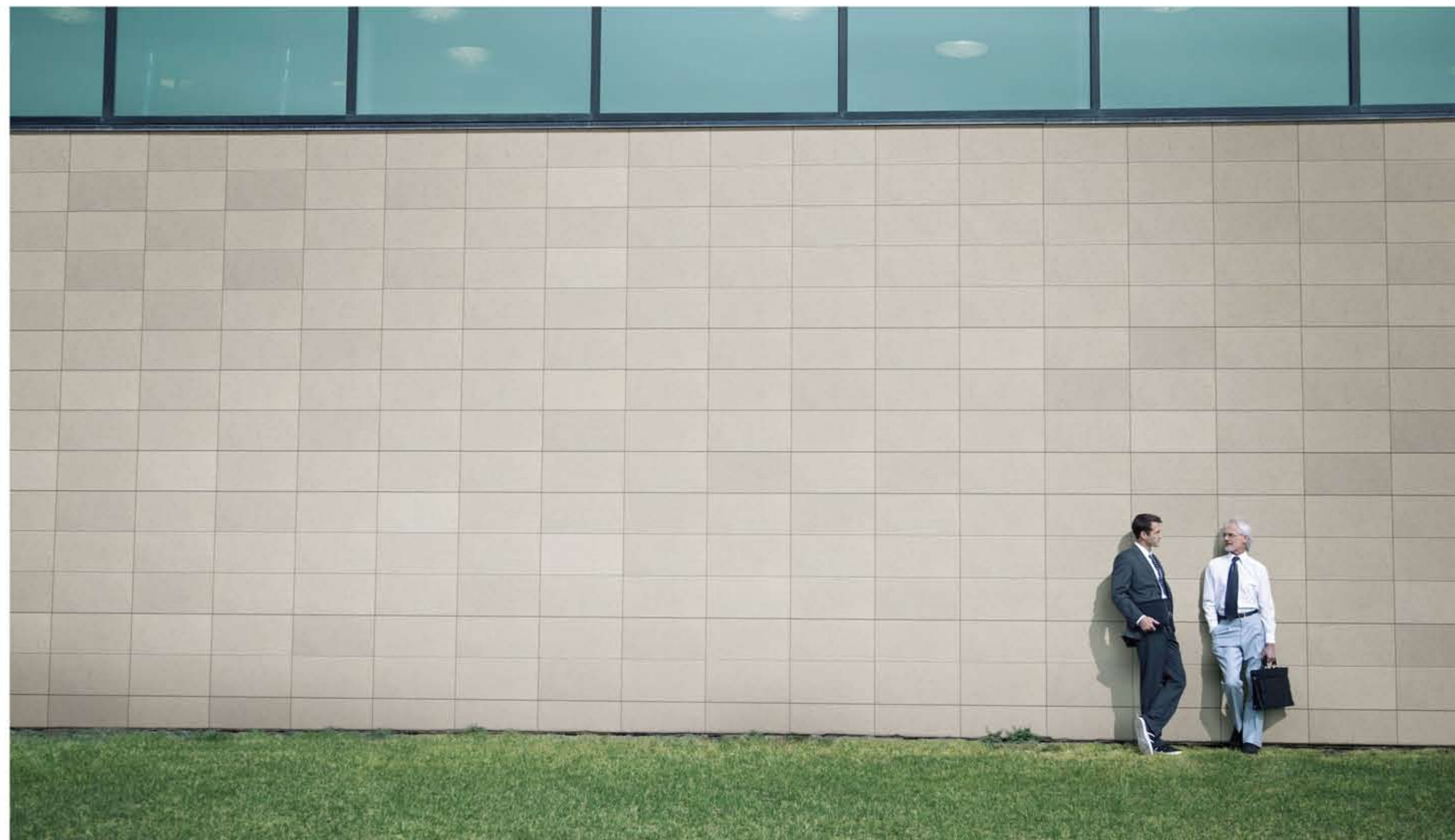
Stylish and Distinctive

A contemporary tinge that will colour style and distinction to floors and wall surfaces, indoors and outdoors. Grigio embellishes lifestyles that are tasteful and discerning.

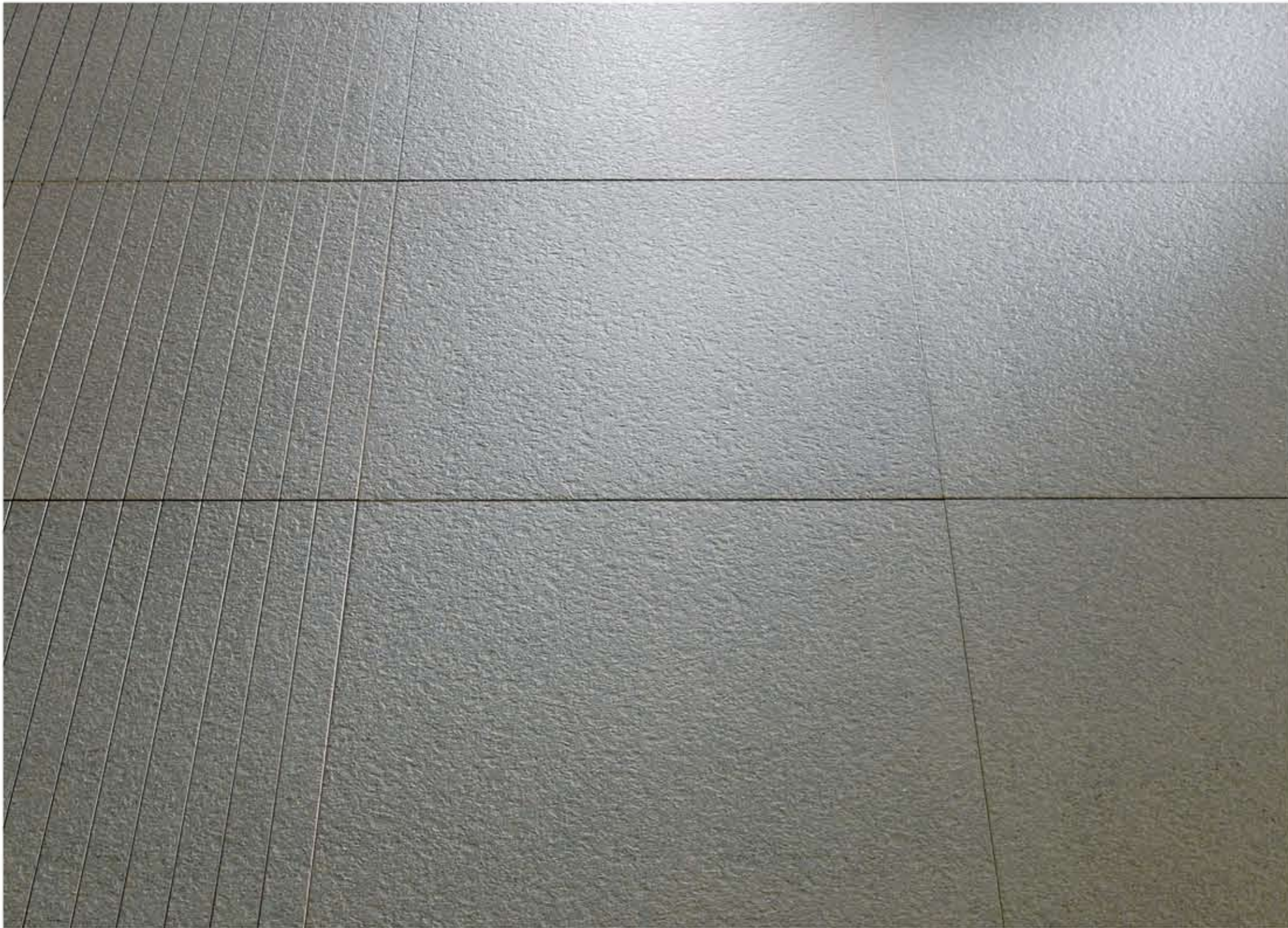
All Megalito tiles have been structured to provide anti-slip surfaces and are ideal to grace households where the old and young traverse, at the same time enhancing safety with a durability on public walkways.

MEGALITO

LEGACIES FROM THE PASSAGE OF TIME



GSM 02 | GRIGIO



MEGALITO

LEGACIES FROM THE PASSAGE OF TIME



GSM 02 | GRIGIO | 60x60



GSM 02 | GRIGIO | 60x30

GRIGIO

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Earthy and Dependable

In familiar but dependable brownish shades, space embraced by the Marrone range is visibly comforting and provides psychological anchorage. Whether in solitude or in the company of others, one is sure of a sanctuary of informality which keeps life's pressures at bay.

MEGALITO

LEGACIES FROM THE PASSAGE OF TIME



GSM 03 | MARRONE



MEGALITO

LEGACIES FROM THE PASSAGE OF TIME



GSM 03 | MARRONE | 60x60



GSM 03 | MARRONE | 60x30

MARRONE

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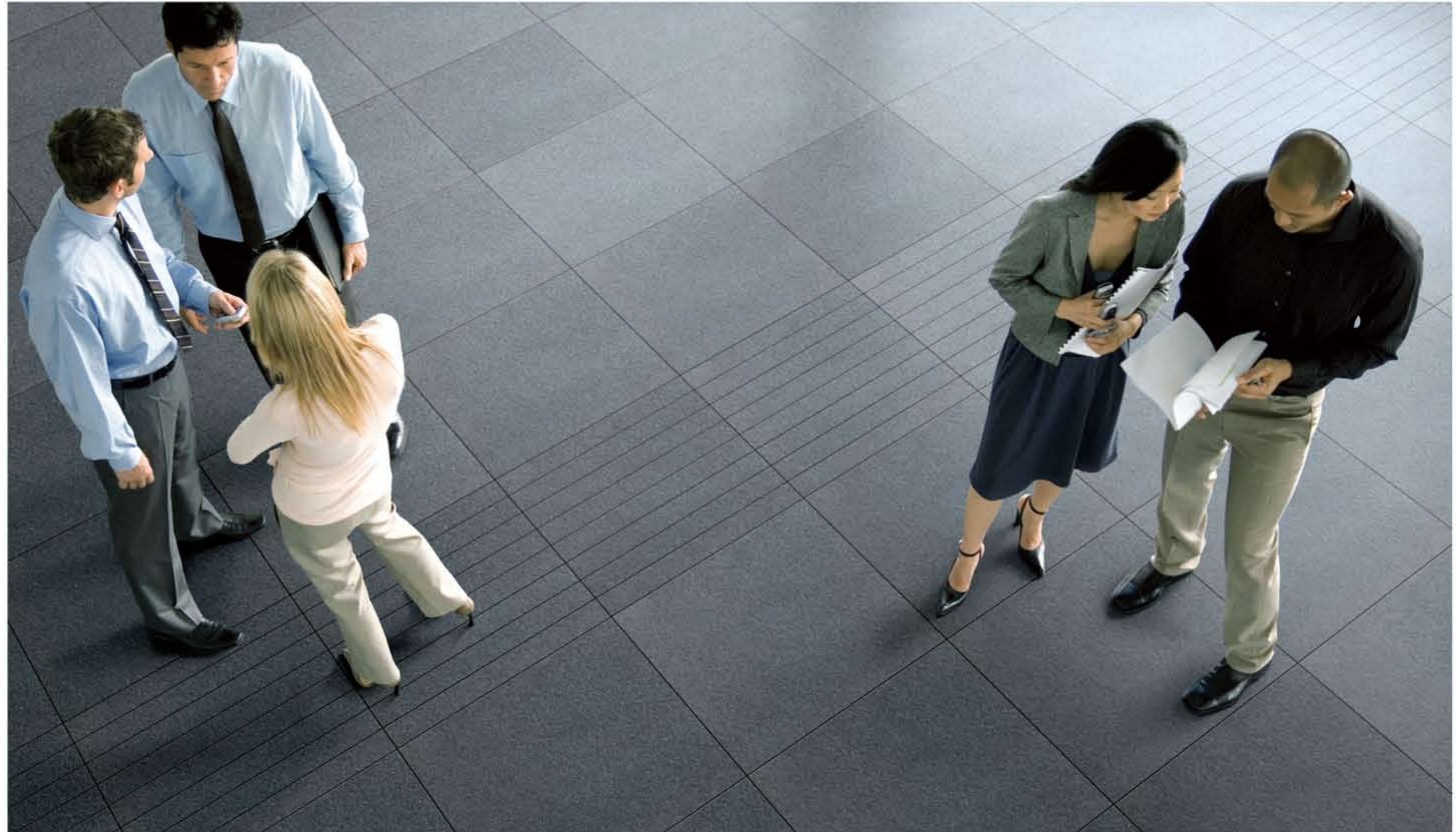
Conventional and Sophisticated

If class can be personified, this is it! Minimalist, conventional yet sophisticated is our Nero range in darkish grey that will establish any residential or commercial locale as the target of admiration and appreciation.

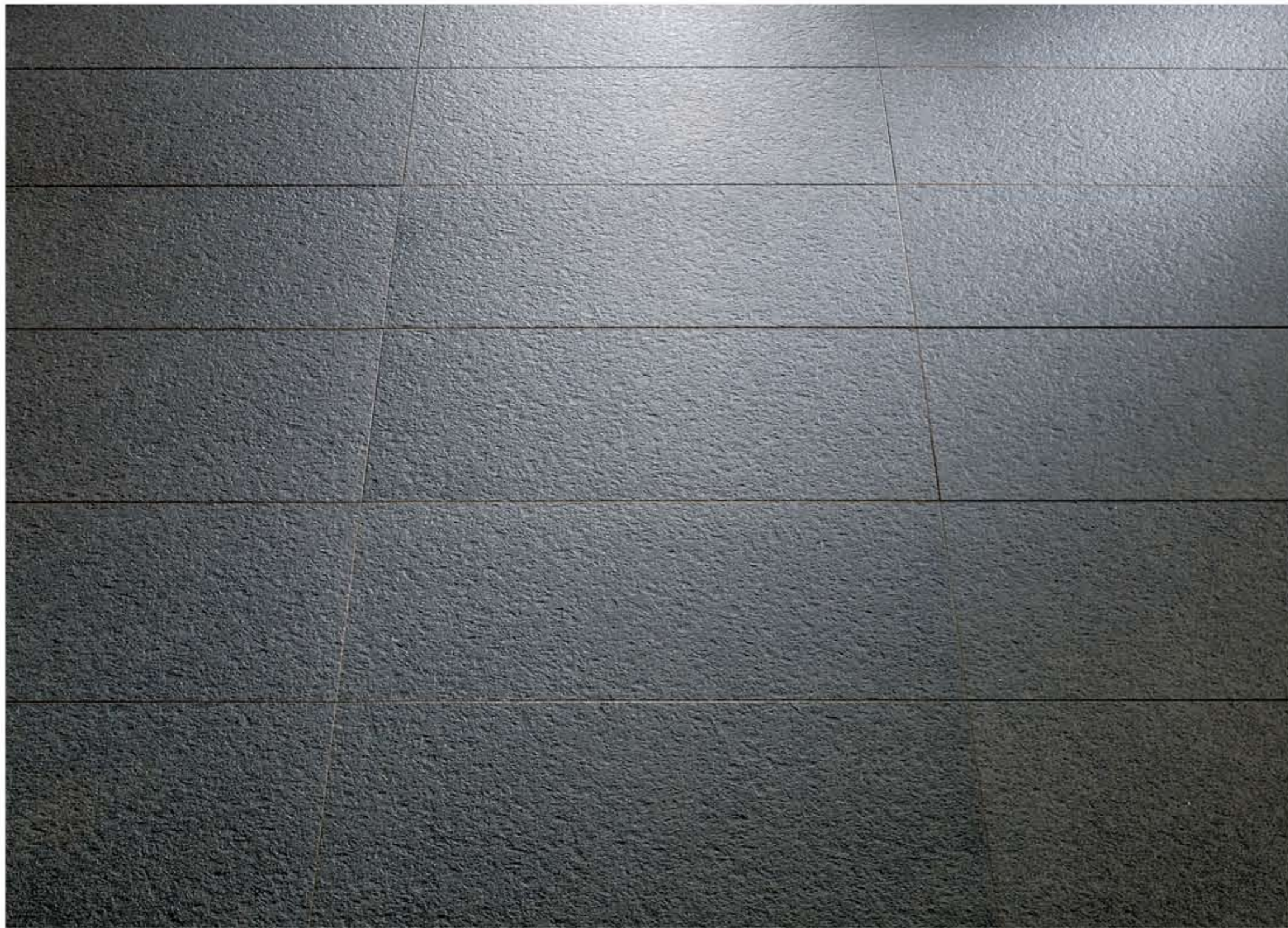
Always aiming to sharpen impressions wherever they are found, Nero and the entire range of Megalito tiles are timeless legacies which are a cut above the rest in choice and quality.

MEGALITO

LEGACIES FROM THE PASSAGE OF TIME



GSM 04 | NERO



MEGALITO

LEGACIES FROM THE PASSAGE OF TIME



GSM 04 | NERO | 60x60



GSM 04 | NERO | 60x30

NERO

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