



MARBLÉVO

— THE NEW EVOLUTION OF MARBLE —

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OF
MARBLE

 NIRO GRANITE
THE SWISS QUALITY TILE



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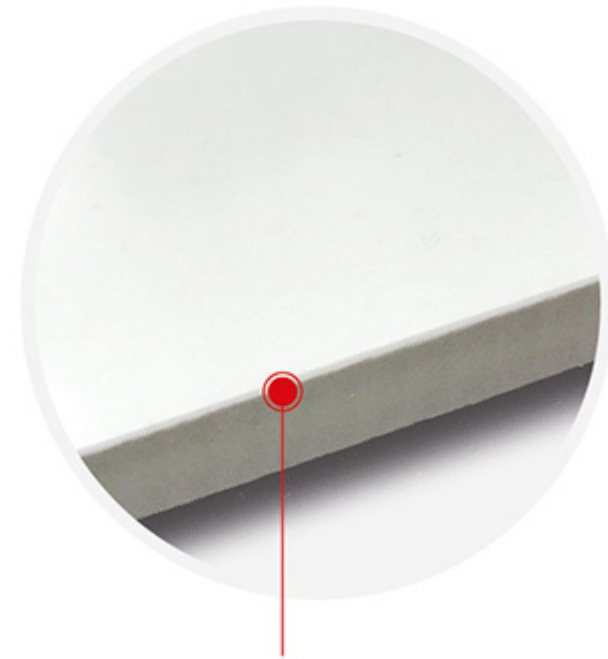
BEAUTIFUL AND STATELY, MARBLE EASILY CARRIES THE STUNNING DIGNITY OF A FLOWING MOUNTAIN RANGE INTO AN INTERIOR SPACE. BUT WHILE THE MARKET IS QUICKLY SATURATED WITH A NUMBER OF MARBLE LOOK-ALIKE OPTIONS – ESPECIALLY WITH THE RISE OF THE PATTERN AS A MAJOR INTERIOR TREND – IT IS STILL RARE TO FIND A GOOD DESIGN THAT TRULY CAPTURES THE INHERENT FEEL AND PRESENCE OF THE NATURAL STONE.

THUS ENTER **MARBLEVO – THE NEW UNGLAZED DIGITAL POLISHED PORCELAIN** BY TILING EXPERT, NIRO GRANITE. UTILISING ADVANCED DIGITAL TECHNOLOGY, NIRO GRANITE INFUSES THE DISTINCTIVE DESIGN OF MARBLE RIGHT THROUGH THE BODY OF THE TILES, WHICH SUCCESSFULLY **BRINGS OUT THE MOST NATIVE-LOOKING COLOURATION**. AND WITH EVERY SIMULATED SWIRL AND VEIN BEING RANDOMLY GENERATED, IT ONLY ADDS TO THE OVERALL NATURAL APPEARANCE.

THE COLLECTION IS MADE AVAILABLE IN TWO TYPES OF FINISHES: **A HIGHLY POLISHED GLOSS TO MAKE A LUXURIOUS STATEMENT AND A SOFT POLISHED ONE FOR A HINT OF SUBTLETY**. IT IS WORTHY OF NOTE THAT ALL POLISHING IS EXECUTED DIRECTLY ONTO THE BODY OF THE TILES. IN OTHER WORDS, MARBLEVO IS UNGLAZED.

DURABLE AND EASY MAINTENANCE, THE TILES ARE **SUITABLE FOR BOTH THE RESIDENTIAL AND COMMERCIAL AREAS, SPECIFICALLY SPACES THAT EXPECT HEAVY USE AND FOOTFALL**.

A BEAUTIFUL GAIN FROM AN UNPRECEDENTED TECHNOLOGICAL EVOLUTION, MARBLEVO'S AUTHENTIC APPEARANCE WILL HAVE YOU FALLING IN LOVE.



• INK PENETRATING LAYER



CHARACTERISTIC OF MARBLEVO:



NATURAL MARBLE STONE DESIGN



HARD POLISHED



SUITABLE FOR RESIDENTIAL AND COMMERCIAL INDOOR



EASY TO CLEAN

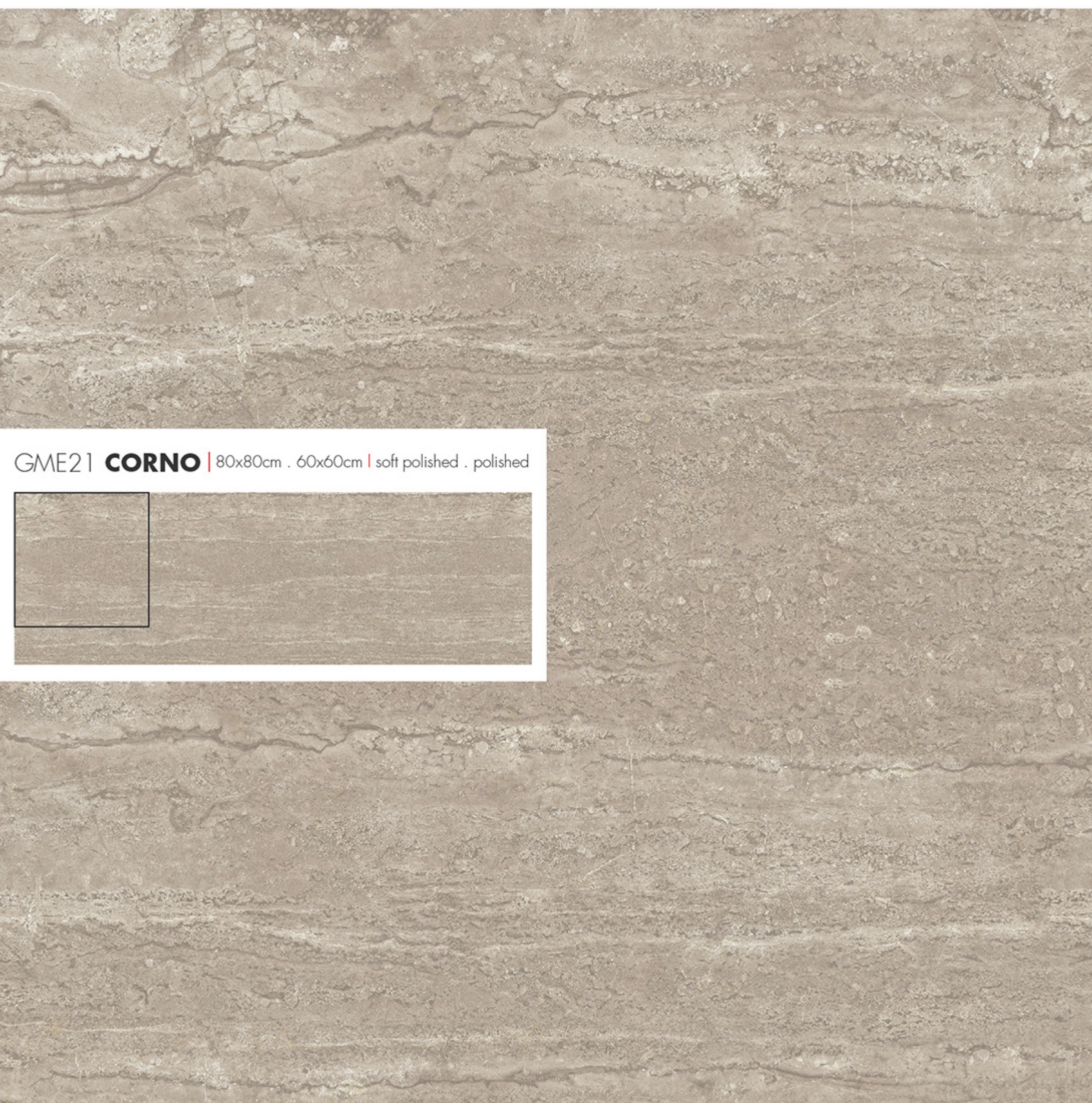


SCRATCH RESISTANCE



IMPACT RESISTANCE

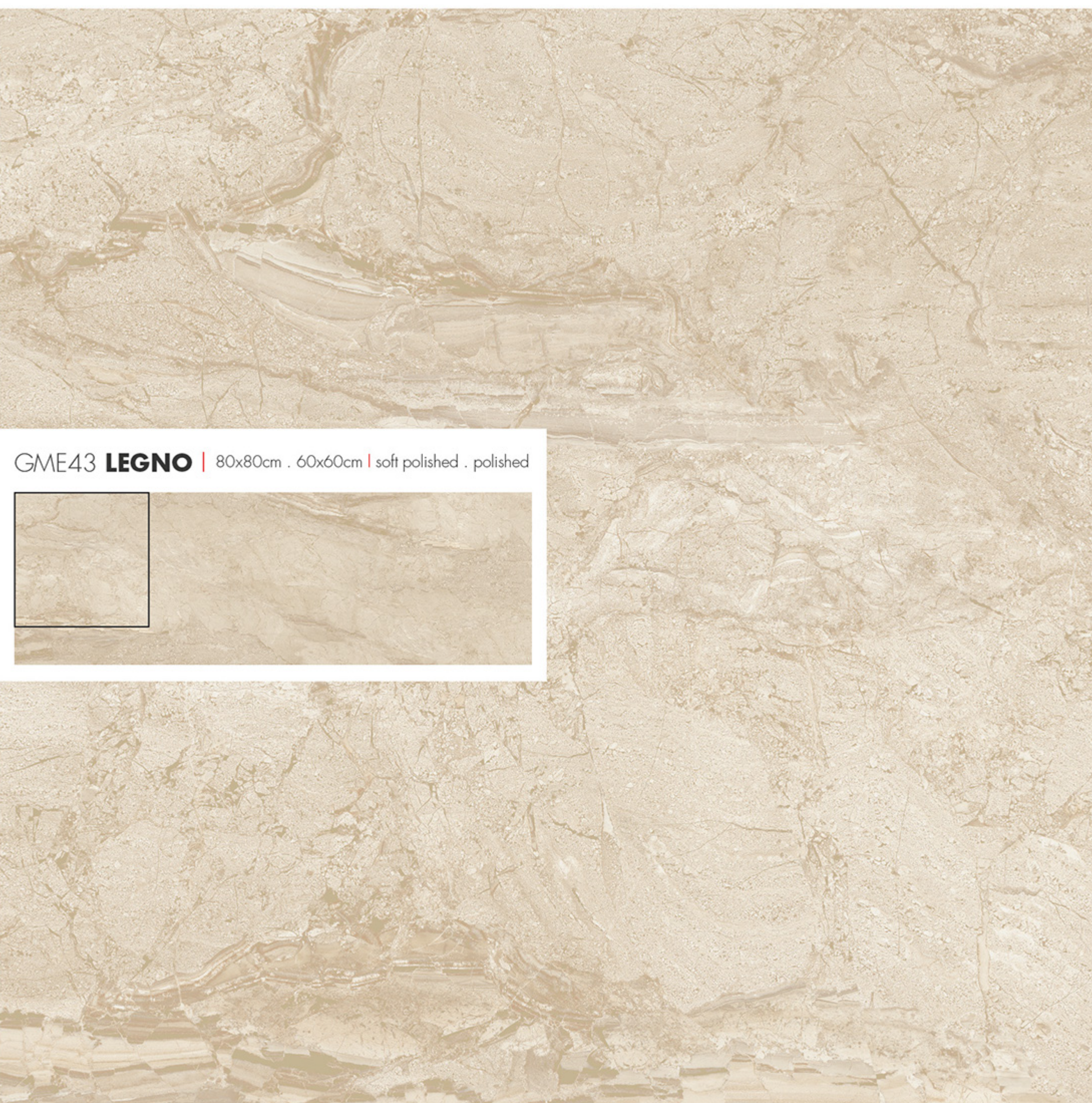




GME21 **CORNO** | 80x80cm . 60x60cm | soft polished . polished



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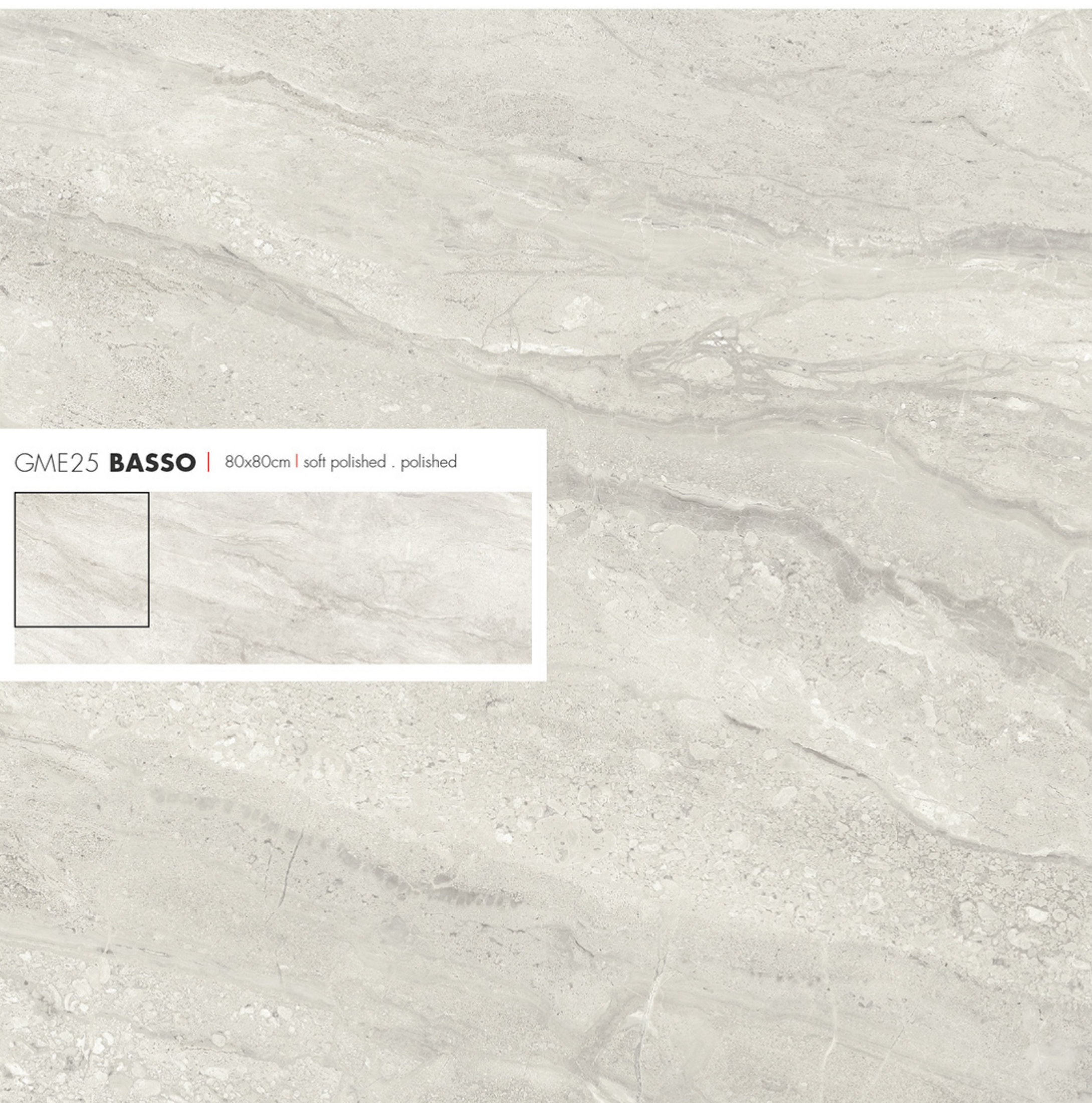
GME43 **LEGNO** | 80x80cm . 60x60cm | soft polished . polished



GME62
SLANCIO

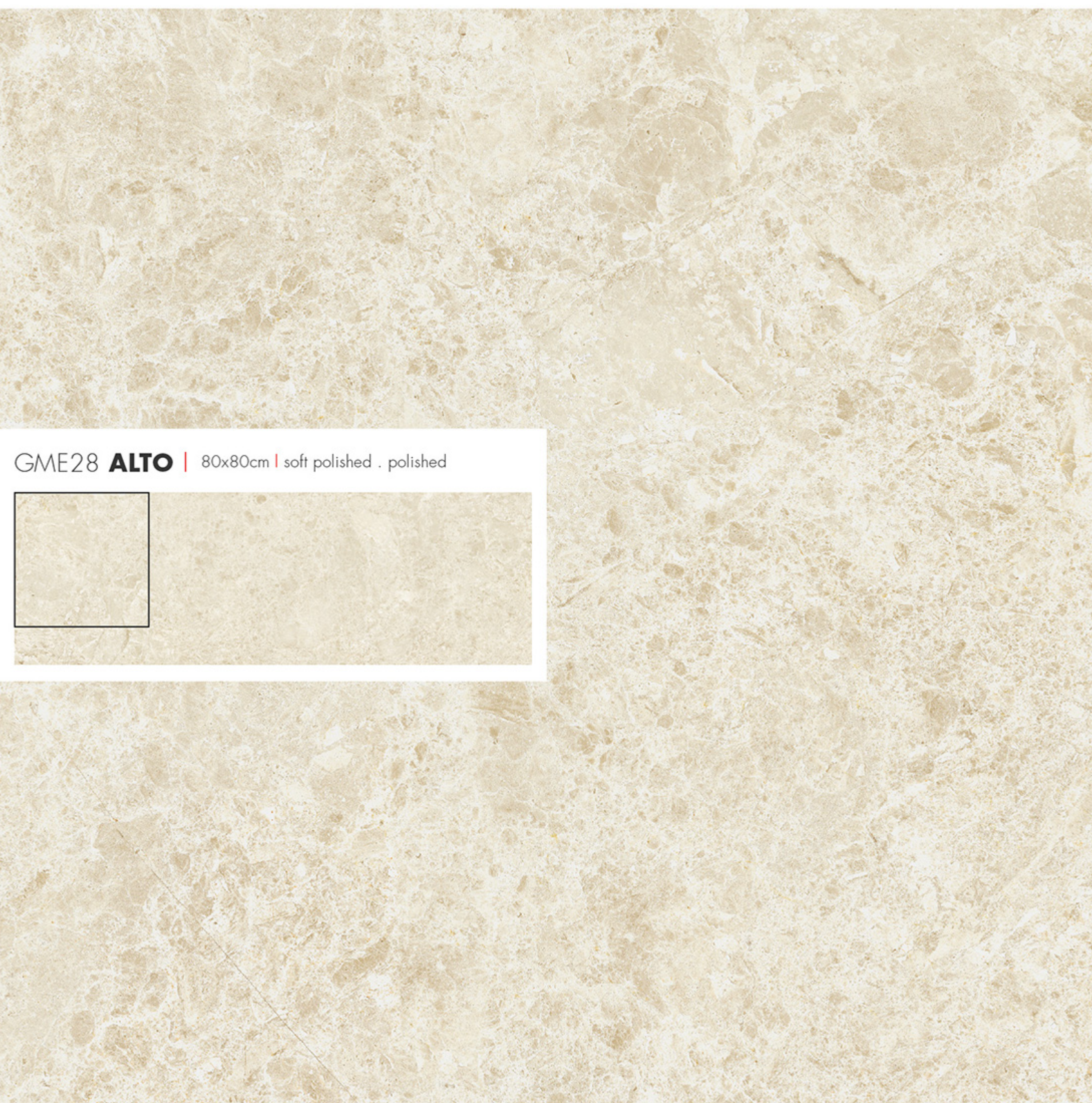
| 80x80cm . 60x60cm
| soft polished . polished





GME25 **BASSO** | 80x80cm | soft polished . polished





GME28 **ALTO** | 80x80cm | soft polished . polished





GME57
SPINTO
| 80x80cm
| soft polished . polished



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GME21 CORNO
80x80cm . 60x60cm
polished . soft polished



GME43 LEGNO
80x80cm . 60x60cm
polished . soft polished



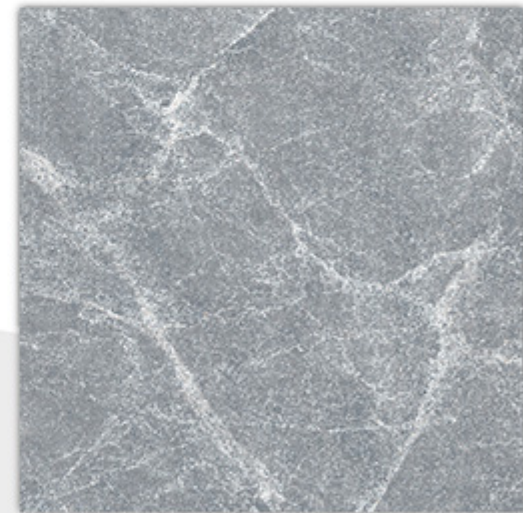
GME62 SLANCIO
80x80cm . 60x60cm
polished . soft polished



GME25 BASSO
80x80cm
polished . soft polished



GME28 ALTO
80x80cm
polished . soft polished



GME57 SPINTO
80x80cm
polished . soft polished

TECHNICAL SPECIFICATIONS

DESCRIPTION	STANDARD TEST	MEASUREMENT UNIT	ISO STANDARD REQUIREMENT	NIRO GRANITE
Length & Width	MS ISO 10545 -2	mm	±0.6% Max	±0.30% 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	±0.5% Max	±0.25% Max
Flatness: a) Centre Curvature b) Edge Curvature c) Warp	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%
Breaking Strength	MS ISO 10545 -4	N	≥ 1300 N	≥ 1300 N
Modulus of Rupture	MS ISO 10545 -4	N/mm ²	≥ 35 N/mm ²	≥ 35N/mm ²
Abrasion Resistance a) Deep Abrasion for unglazed tiles b) Surfaces Abrasion for glazed tiles	MS ISO 10545 -6 MS ISO 10545 -7	mm ³ Visual Check	≤ 175 mm ³ Manuf. to state abrasion class, cycle and passed	≤ 160 mm ³ ≥ PEI 3 (Dependent on product type)
Crazing Test (glazed tiles)	MS ISO 10545 -11	Visual Check	No Sign of Crazing	No Sign of Crazing
Frost Resistance	MS ISO 10545 -12	Visual Check	Required	No Visible Crack
Chemical Resistance a) Low concentrations b) Household chemicals and swimming pool salts	MS ISO 10545 -13 MS ISO 10545 -13	Visual Check Visual Check	Manuf. To State ≥ Class B	Max visible change on cut side (Dependent on Product Type) Minimum Class B
Stain Resistance a) For unglazed tiles b) For glazed tiles	MS ISO 10545 -14 MS ISO 10545 -14	Visual Check Visual Check	Manuf. to State ≥ Class 3	≥ Class 3 (Dependent on product type) ≥ Class 3
Coefficient of Friction (wet and dry) (Excluding Polished and Semi-polished tile)	AS/NZS 4586 App.D.	Manuf. To State	Manuf. to State	Oil / Wet Ramp Polished - N/A

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.



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