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	\geq 35 N/mm ² Individual \geq 32 N/mm ²	\geq 35 N/mm ² Individual \geq 32 N/mm ²
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 b) Household chemicals and swimming pool salts	ISO 10545 -13	Visual Check Visual Check	Manuf. To State ≥ Class B	Class A Class B (For Polished Tile) Class A Class B (For Polished Tile)
Stain Resistance a) For unglazed tiles b) For glazed tiles	ISO 10545 -14 ISO 10545 -14	Visual Check Visual Check	Manuf. to State ≥ Class 3	≥ 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)*



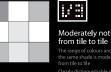
























DISTINCTLY NOTICEABLE FROM TILE TO TILE











Dietra / Touch of nature the defined digital collection











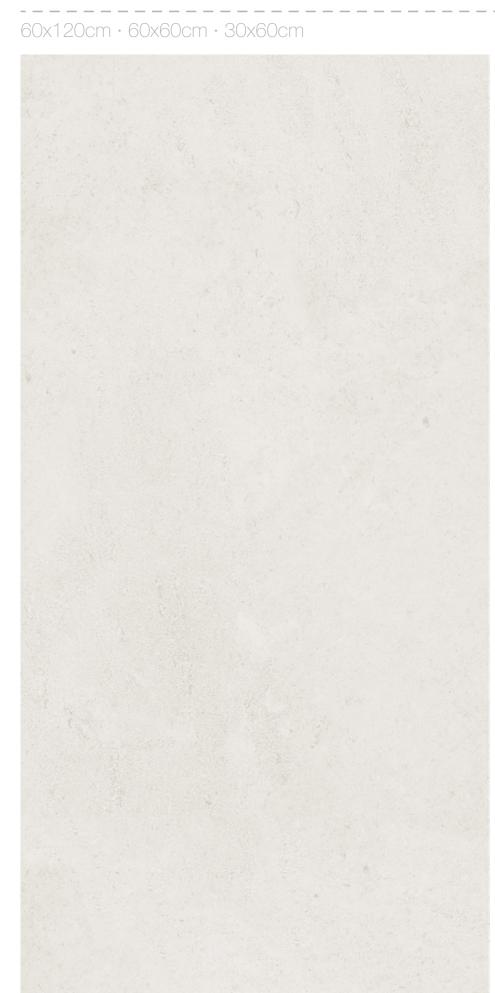


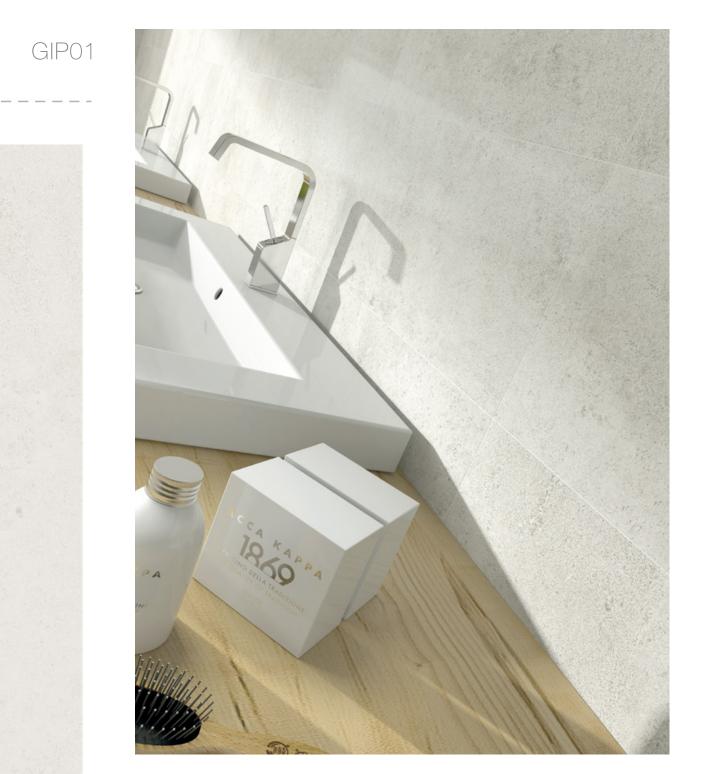




BORGOGNA WHITE

MATT & LAPPATO









i'pietra

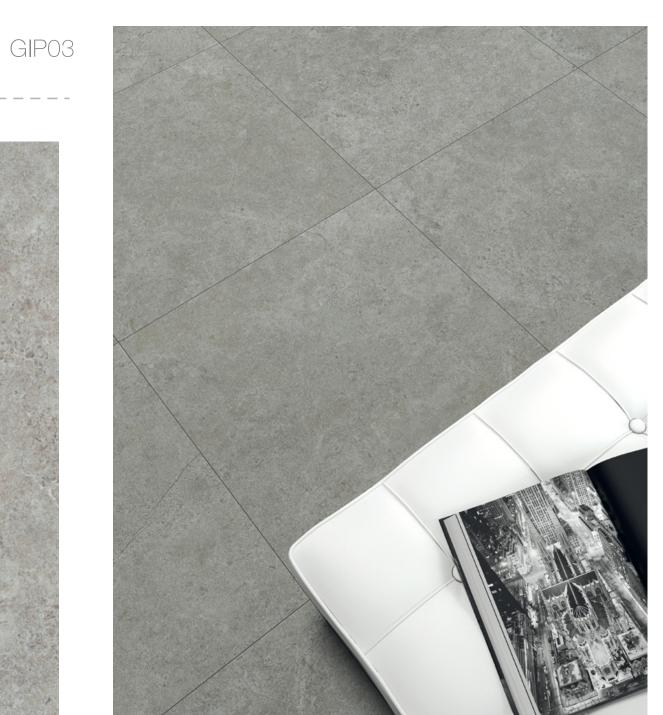


BEOLA GREY

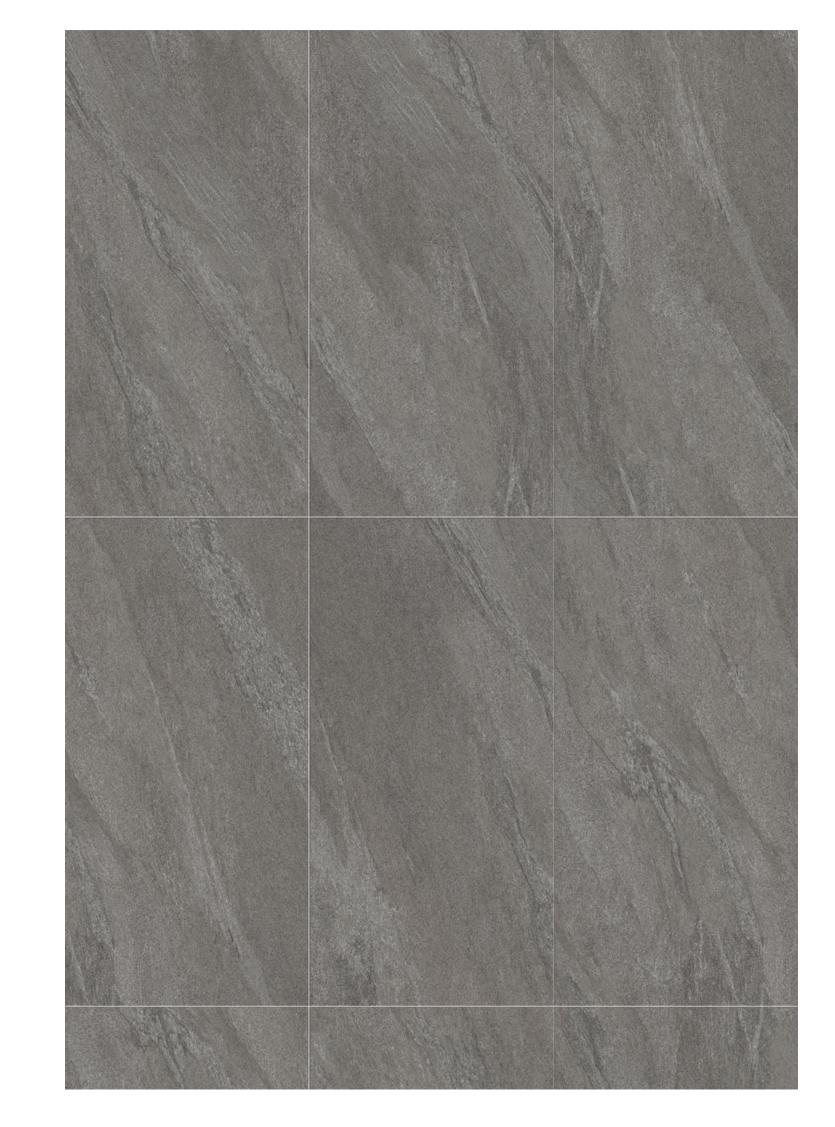
MATT, LAPPATO & STRUCTURED

60x120cm · 60x60cm · 30x60cm

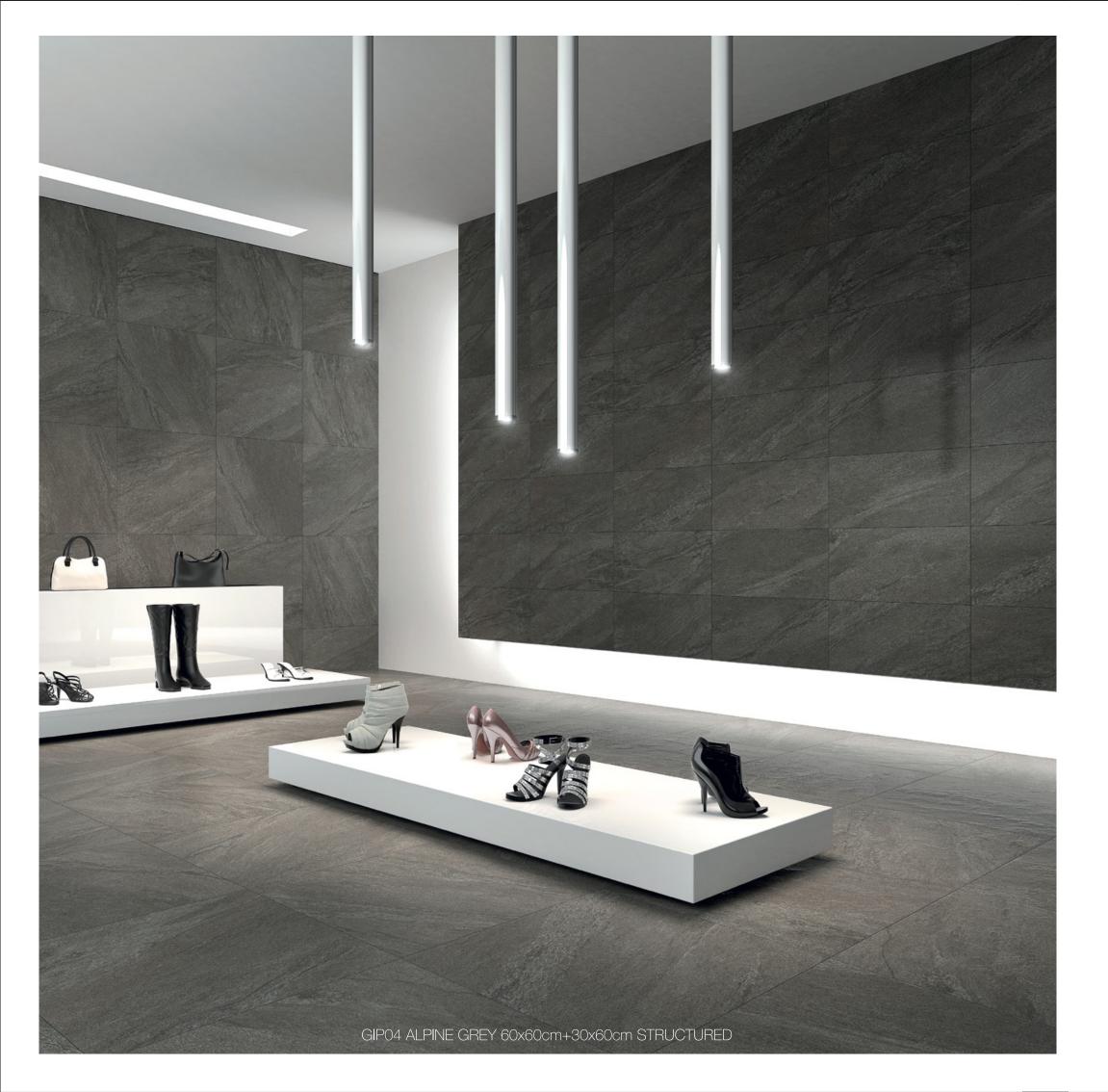








i'pietra





LAPPATO & STRUCTURED

60x120cm · 60x60cm · 30x60cm



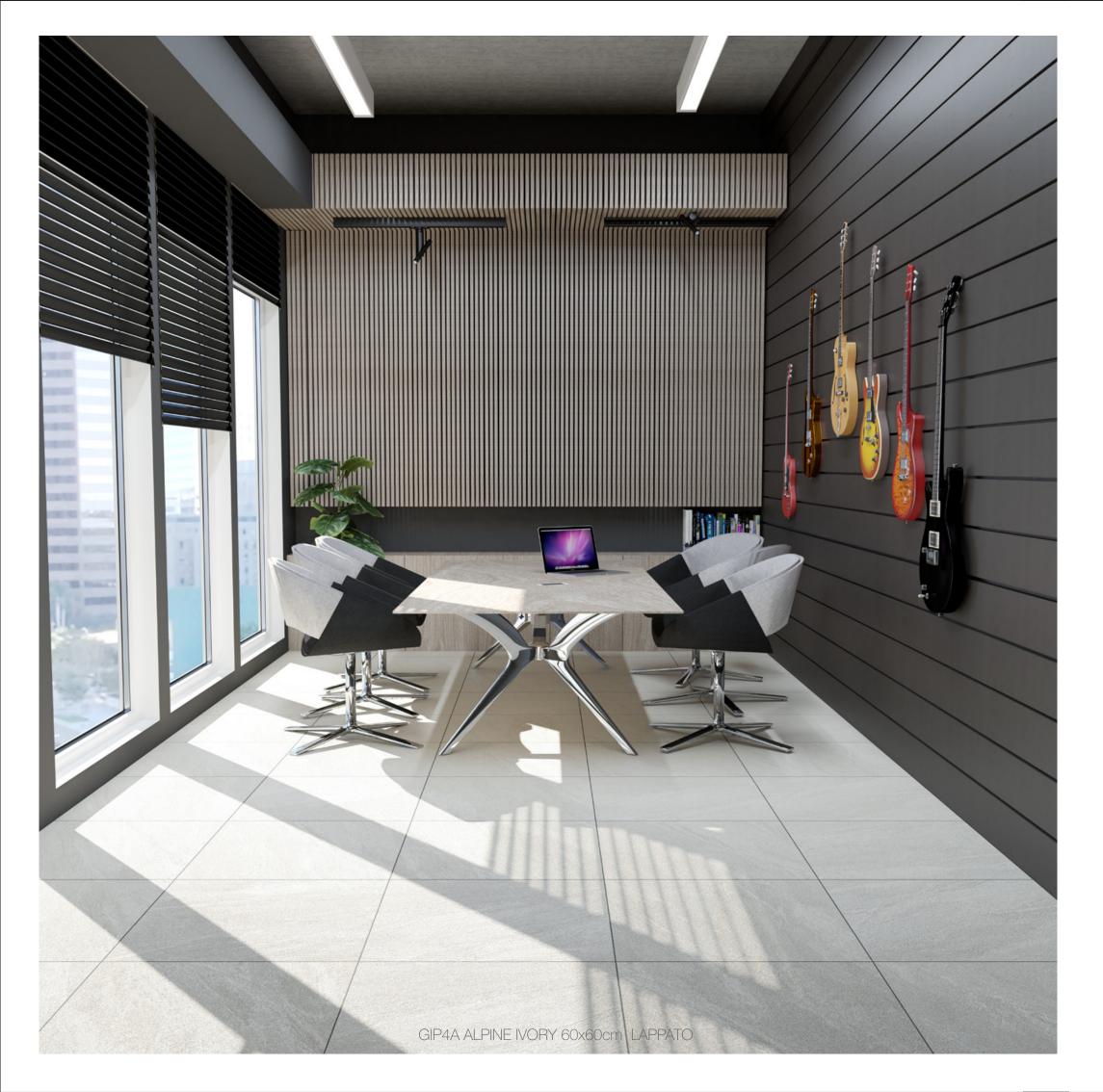








i'pietra

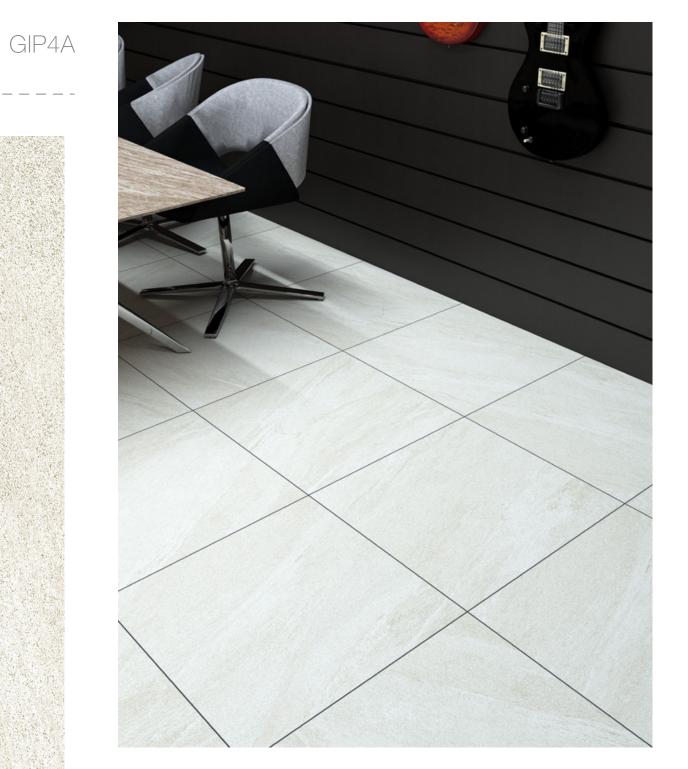


ALPINE IVORY

LAPPATO & STRUCTURED*

60x120cm · 60x60cm* · 30x60cm*







i'pietra



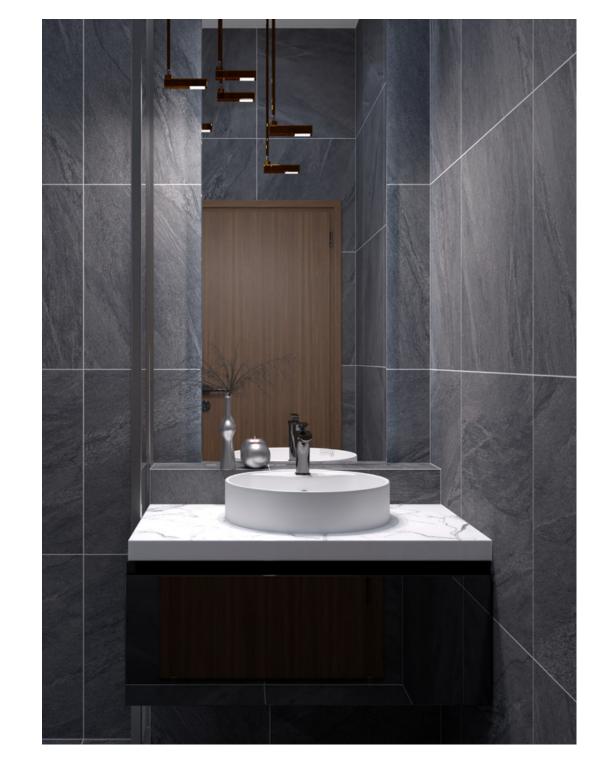
ALPINE CHARCOAL

GIP4B

LAPPATO & STRUCTURED*

60x120cm · 60x60cm* · 30x60cm*

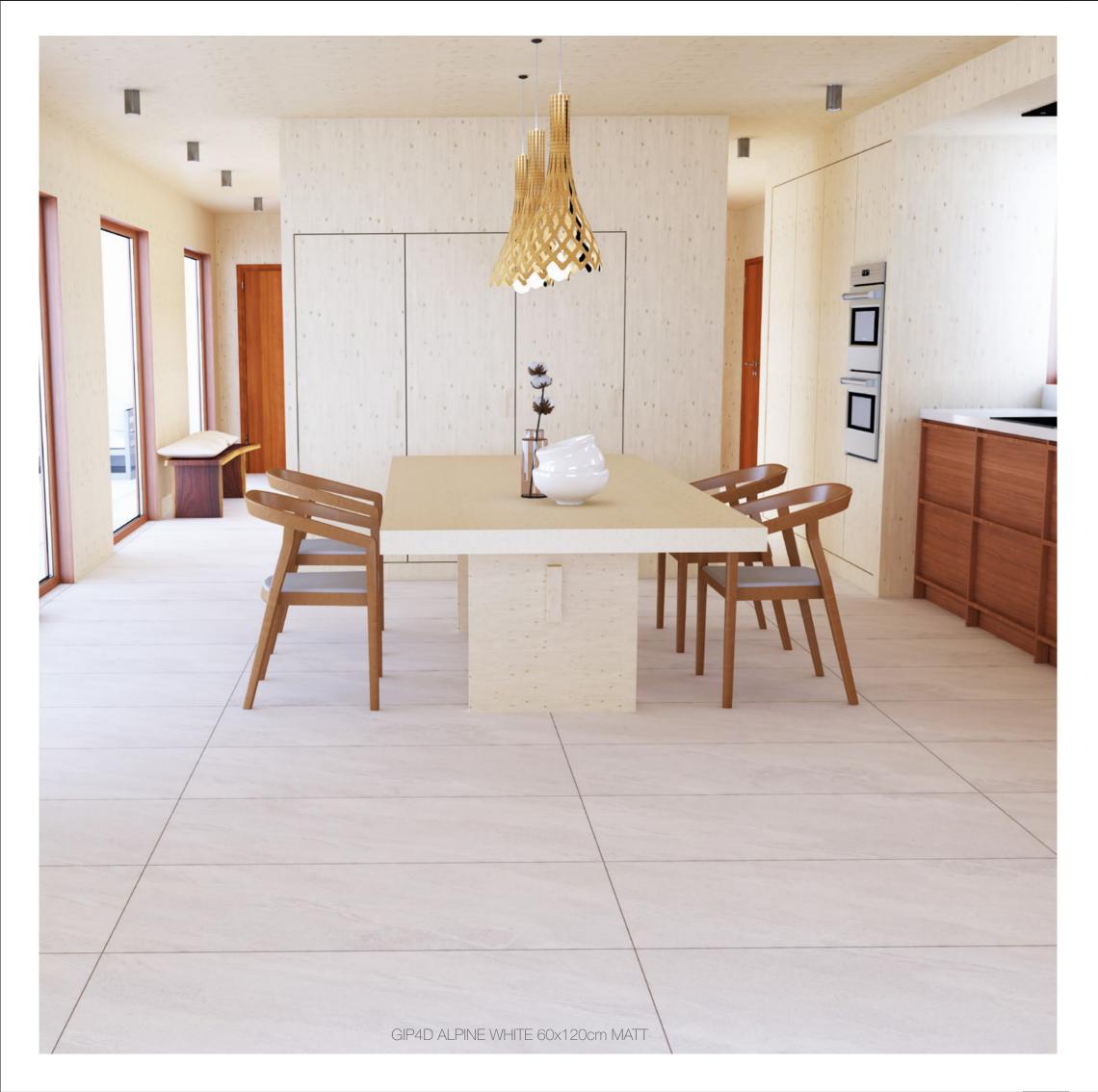








i'pietra



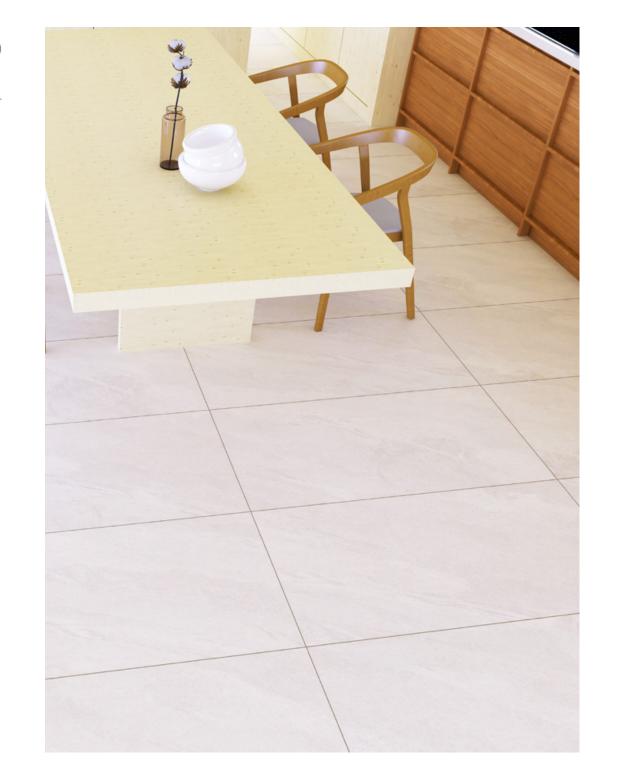


GIP4D

MATT, LAPPATO & STRUCTURED

60x120cm













RIVIERA BLACK

MATT & LAPPATO

60x120cm · 60x60cm · 30x60cm*





FISHBONE

GIP07

MATT + LAPPATO (Mix Surface)

30x60cm*

GIP07



