

# TIMBRE-LAND

A NEW PROXIMITY TO  NATURE





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NOTABLY SIMPLE,  
EARTHY AND TIMELESS,  
TIMBRE-LAND IS HITTING  
ALL THE RIGHT NOTES.

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The new range sports 3 beautiful colourways, all of which emphasise the sense of recollection in the forest; a refuge from urbanity. A marked temporal shift thus takes place every time Timbre-Land is introduced into the interior: one feels the pace of life tangibly slows as moments of thoughtful pause begin to emerge.

Naturally, Timbre-Land will appeal to those who wish to build a visual lexicon that complements the back-to-nature lifestyle. Especially in urban areas where nature is not readily accessible, it provides a means of drawing the natural landscape further into the scheme.





**MAPPLE** GTD01

20x120cm - structured

**CHERRY**

20x120cm - structured

GTD02





WALNUT GTD003

20x120cm - structured



**MAPPLE** GTD01 20x120cm structured

TIMBRE-LAND



**WALNUT** GTD03 20x120cm structured

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**CHERRY** GTD02 20x120cm structured

TIMBRE-LAND



## 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	±0.0% Max	±0.0% 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	±0.25% Max
b) Edge Curvature	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
c) Warpage	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Surface Quality	ISO 10545 -2	One Major Area of Tiles	≥ 95% free from visible defect	Comply
Water Absorption	ISO 10545 -3	Mass	≤0.5%	≤0.25%
Breaking Strength	ISO 10545 -4	N	≥ 1300 N	≥ 1300 N
Modulus of Rupture	ISO 10545 -4	N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup> Individual ≥ 32 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup> Individual ≥ 32 N/mm <sup>2</sup>
Abrasion Resistance: a) Deep Abrasion for unglazed tiles	ISO 10545 -6	mm <sup>3</sup>	≤ 175 mm <sup>3</sup>	≤ 160 mm <sup>3</sup>
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	Max visible change on cut side (Dependent on Product Type)*
b) Household chemicals and swimming pool salts	ISO 10545 -13	Visual Check	≥ Class B	≥ Class B
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
Coefficient of Friction (wet and dry) (Excluding Polished and Semi-polished tile)	AS/NZS 4586-2013 App.D	Manuf. To State	Manuf. to State	Wet Pendulum ≥ P1 (Dependent on product type)*

\* 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 Niro Granite sales team or their agent or distributor.

Colour Variations: Since the colour reproduction in the printed plate 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.

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