

# Madeira



*Idyllic by Nature*



# Madeira

IDYLLIC BY NATURE

Drawing the inspiration from timber, Madeira is a wood collection by Portino that recognises and makes reference to the beauty of mother nature. With its richly natural characteristics, this collection is suitable for those who are interested in bringing the wonders of nature into their lifestyles.

**Makore** | PMD01 . 20x120cm . matt



**Mora** | PMD02 . 20x120cm . matt



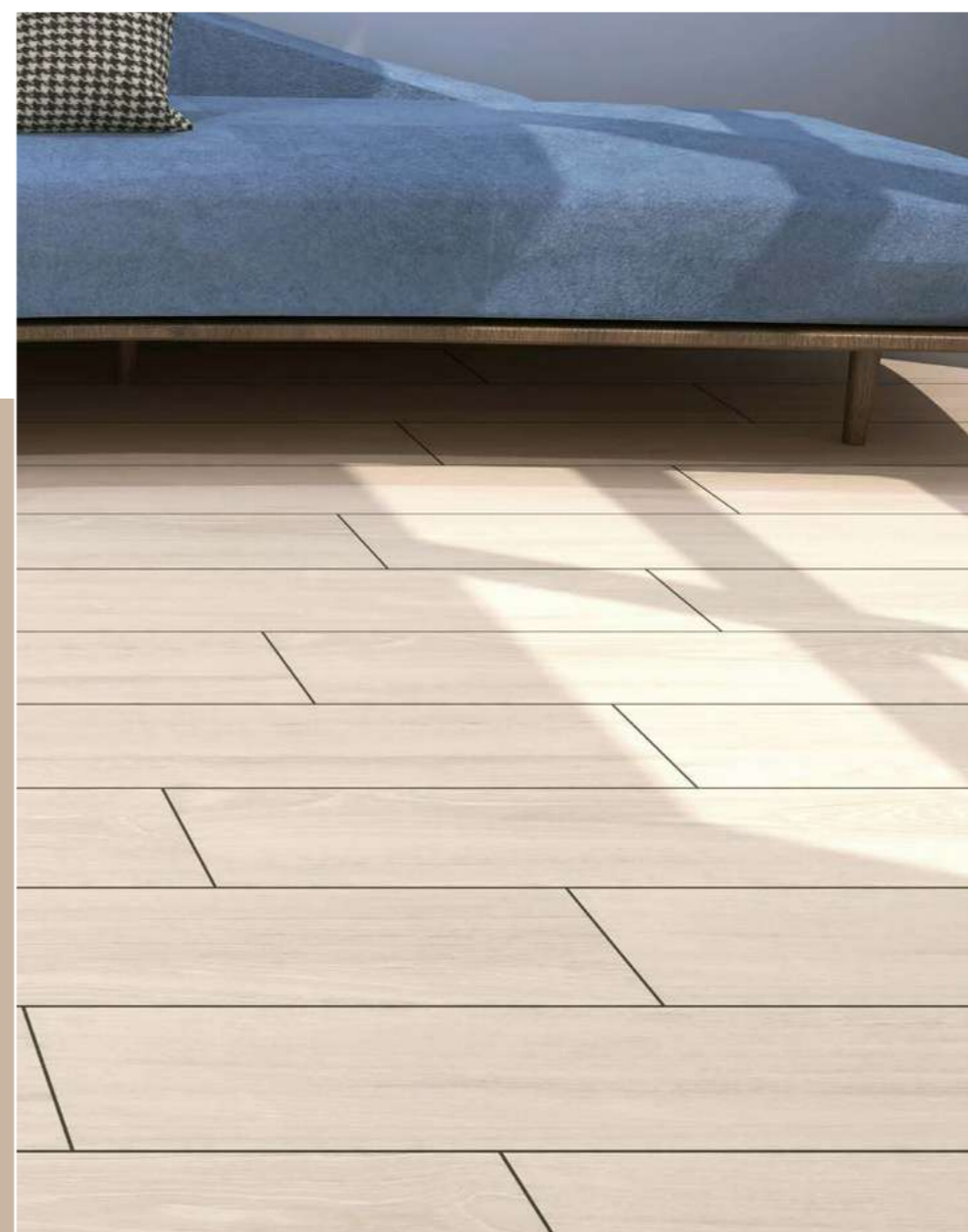
**Medang** | PMD03 . 20x120cm . matt





## Makore

PMD01 . 20x120cm . matt



## Mora

PMD02 . 20x120cm . matt

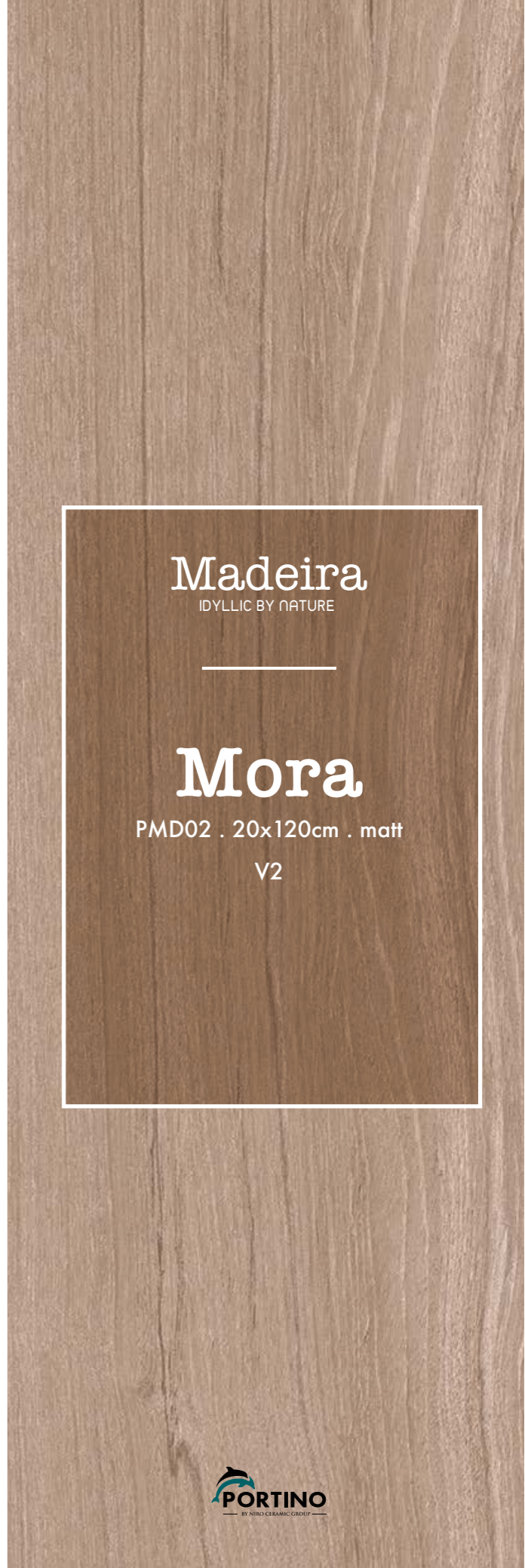
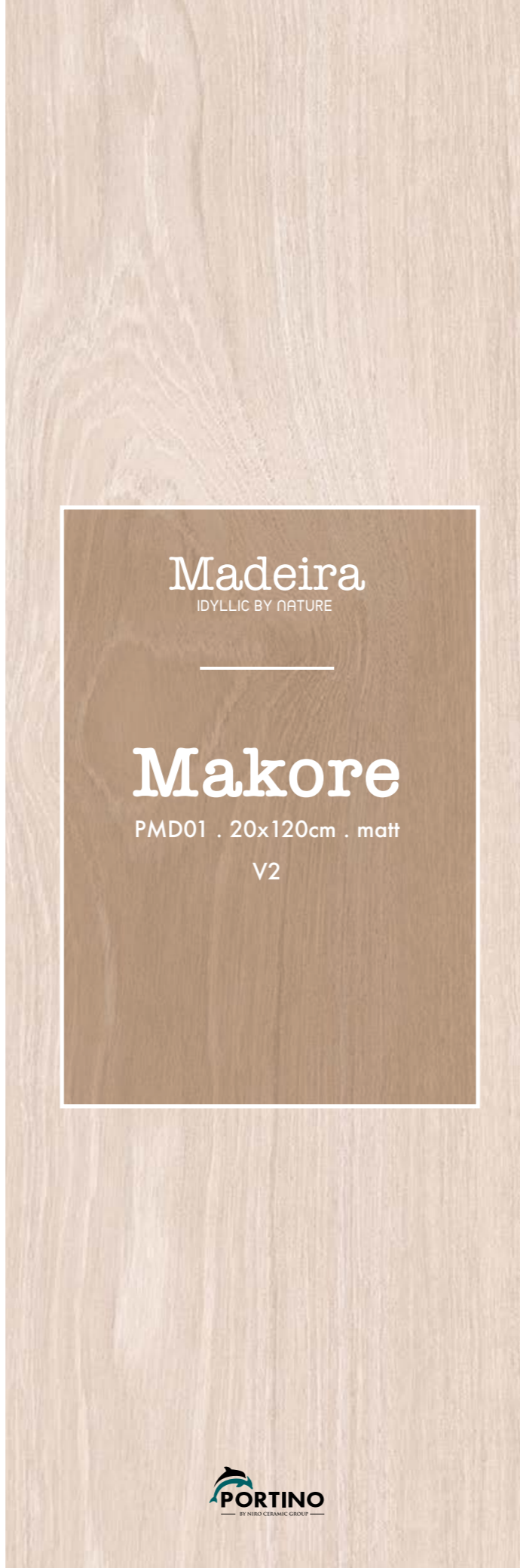
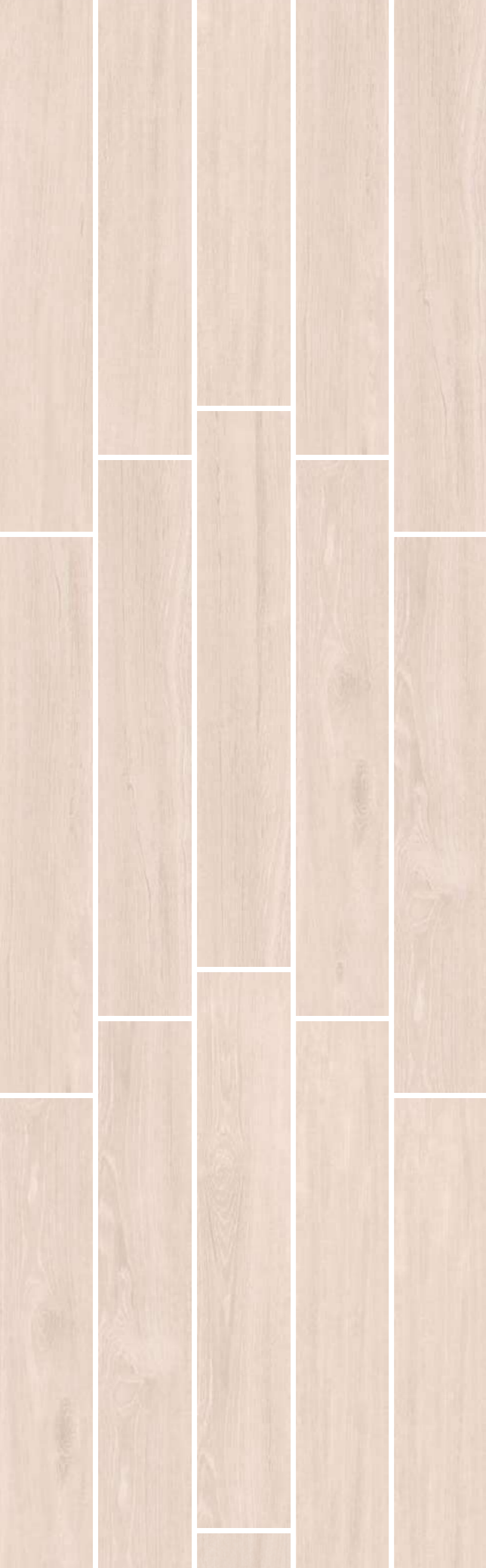




## Medang

PMD03 . 20x120cm . matt





Madeira  
IDYLLIC BY NATURE

Makore

PMD01 . 20x120cm . matt

V2

Madeira  
IDYLLIC BY NATURE

Mora

PMD02 . 20x120cm . matt

V2



**PORTINO TECHNICAL SPECIFICATION**

DESCRIPTION	STANDARD TEST	MEASUREMENT UNIT	PORCELAIN (Group Bla)			
			mm	Rectified	mm	Non Rectified
Length & Width	MS ISO 10545-2	mm	±1.0	±0.30%	±2.0	±0.60%
Thickness	MS ISO 10545-2	mm	±0.5	±5.00%	±0.5	±5.00%
Sides Straightness	MS ISO 10545-2	mm	±0.8	±0.30%	±1.5	±0.50%
Rectangularity	MS ISO 10545-2	mm	±1.5	±0.30%	±2.0	±0.50%
Flatness : a) Centre curvature b) Edge curvature c) Warpage	MS ISO 10545-2	mm	±1.8	±0.40%	±2.0	±0.50%
	MS ISO 10545-2	mm	±1.8	±0.40%	±2.0	±0.50%
	MS ISO 10545-2	mm	±1.8	±0.40%	±2.0	±0.50%
Surface Quality	MS ISO 10545-2	One Major Area of Tiles	Min. 95% free from defects			
Water Absorption	MS ISO 10545-3	Mass	Ev ≤ 0.5%			
Breaking Strenght : a) Thickness ≥ 7.5mm b) Thickness < 7.5mm	MS ISO 10545-4	N	Not less than 1300N			
	MS ISO 10545-4	N	Not less than 700N			
Modulus of Rupture : a) Thickness ≥ 7.5mm b) Thickness < 7.5mm	MS ISO 10545-4	N/mm2	Minimum 35			
	MS ISO 10545-4	N/mm2	Individual Minimum 32			
Abrasion Resistance Surfaces Abrasion for glazed tiles	MS ISO 10545-7	Visual Check	≥ PEI 3 (Dependent on product type)*			
Crazing Test (glazed tiles)	MS ISO 10545-11	Visual Check	Required			
Frost Resistance	MS ISO 10545-12	Visual Check	Required			
Chemical Resistance a) Low concentrations b) Household chemicals and swimming pool salts	MS ISO 10545-13	Visual Check	Manuf. To State			
	MS ISO 10545-13	Visual Check	Minimum B			
Stain Resistance For glazed tiles	MS ISO 10545-14	Visual Check	Minimum class 3			
Slip Resistance	AS/NZS 4586 App.A	Visual Check	Wet Pendulum ≤ P2 (Dependent on product type)*			

Each different tile series are produced to meet different performance requirements. For specific product technical performance, please request from Portino sales team, their agent or distributor. The tile designs in each carton are random and may or may not be the same.

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.

\* Refer to test report for specific test result.



**SHADE VARIATION**

<p><b>UNIFORM</b> FROM TILE TO TILE</p> <p>The range of colours and tones within the same shade is relatively uniform from tile to tile. There is minimal to no difference among pieces from the same production run.</p>	<p><b>SLIGHTLY NOTICEABLE</b> FROM TILE TO TILE</p> <p>The range of colours and tones within the same shade is slightly noticeable from tile to tile. There are clearly distinguishable differences in design texture or pattern with similar or slight change in colour tones.</p>	<p><b>MODERATELY NOTICEABLE</b> FROM TILE TO TILE</p> <p>The range of colours and tones within the same shade is moderately noticeable from tile to tile. There are clearly distinguishable differences in design texture or pattern.</p>	<p><b>DISTINCTLY NOTICEABLE</b> FROM TILE TO TILE</p> <p>The range of colours and tones within the same shade is distinctly different from tile to tile. Random colour and design texture differences can be seen from tile to tile. One tile may have totally different colour from another tile. Final installation can be unique.</p>
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