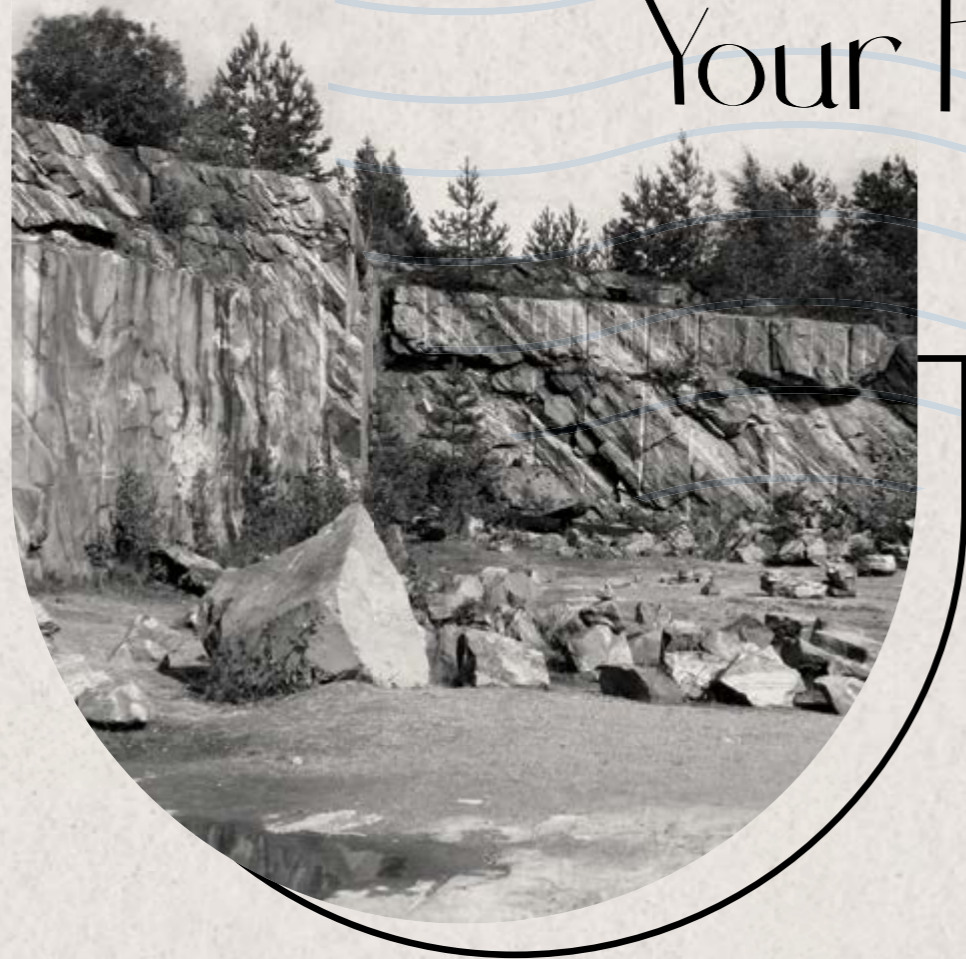


# Liquida



Find  
Your Flow ————— .

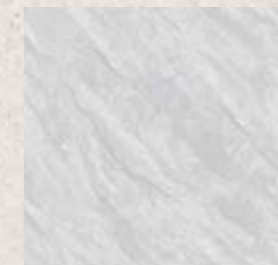
# ■ Find Your Flow



# Liquida

The coursing flow of marble inspires the outlook of Liquida, the marble tiles from Portino. With their deep and mysterious allure, Portino Liquida tiles are perfect for feature walls, or general floor and wall applications.

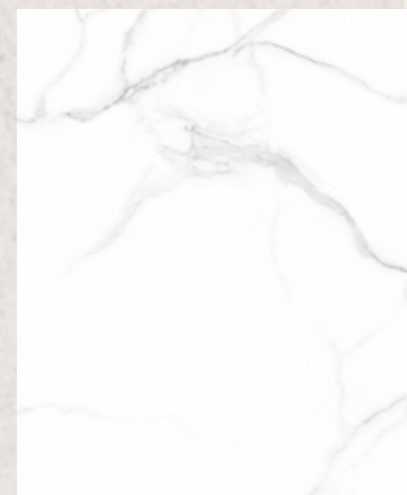
**DAVIDE PLD02**  
Polished | 80x80cm



**DINO PLD04**  
Polished | 80x80cm



**DARIO PLD01**  
Polished | 80x80cm



**DANILO PLD03**  
Polished | 80x80cm



**DIEGO PLD05**  
Polished | 80x80cm





# DARIO

FLOOR: PLD01  
80x80 . Polished



# DAVIDE

FLOOR: PLD02  
80x80 . Polished



**DANILO**

FLOOR: PLD03  
80x80 . Polished



**DINO**

**FLOOR: PLD04**  
80x80 . Polished



# DIEGO

FLOOR: PLD05  
80x80 . Polished

**DARIO** **PLD01** | Polished | V3  
80x80cm



**DAVIDE** **PLD02** | Polished | V3  
80x80cm





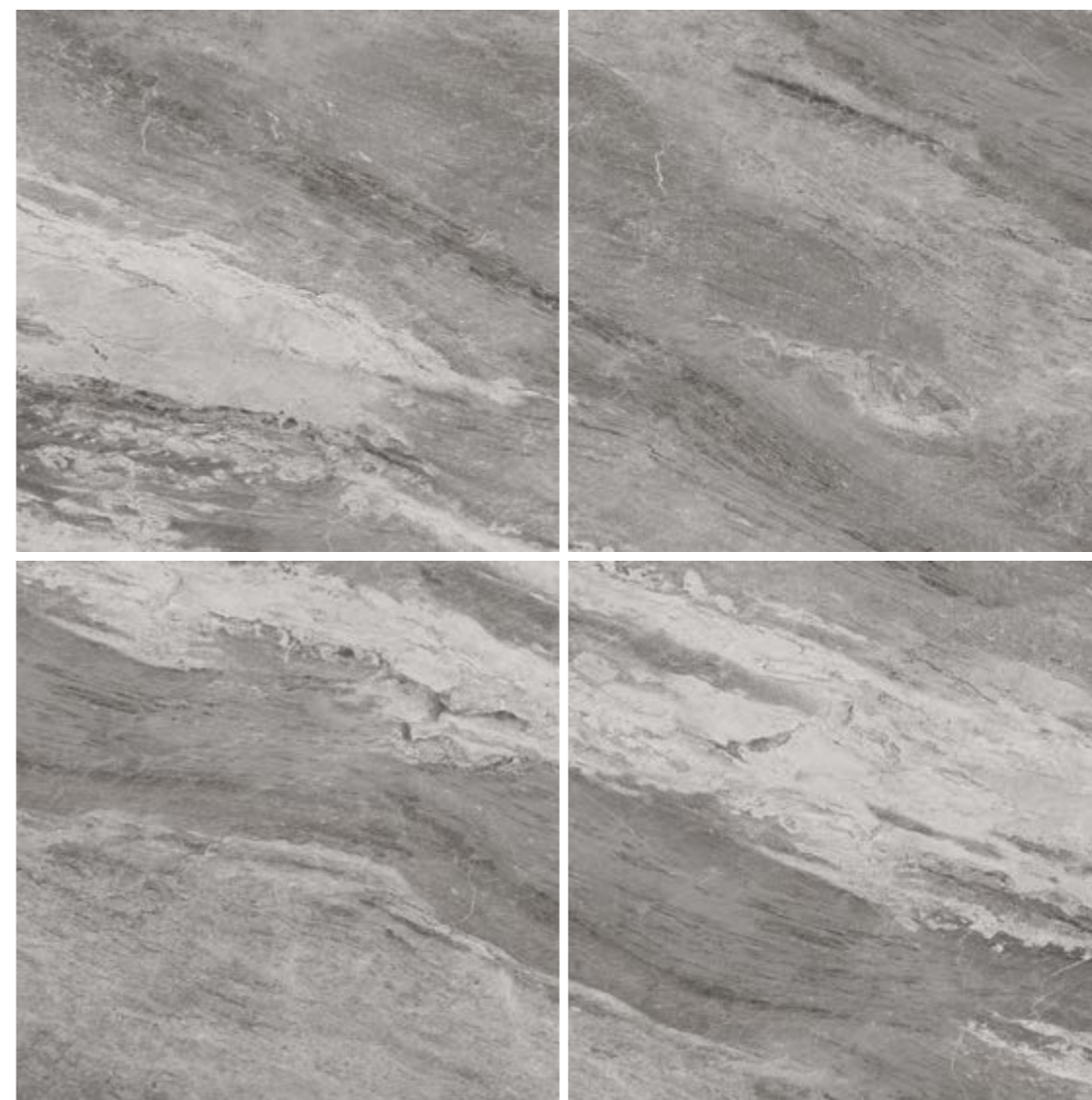
# DANILO

**PLD03** | Polished | V3  
80x80cm



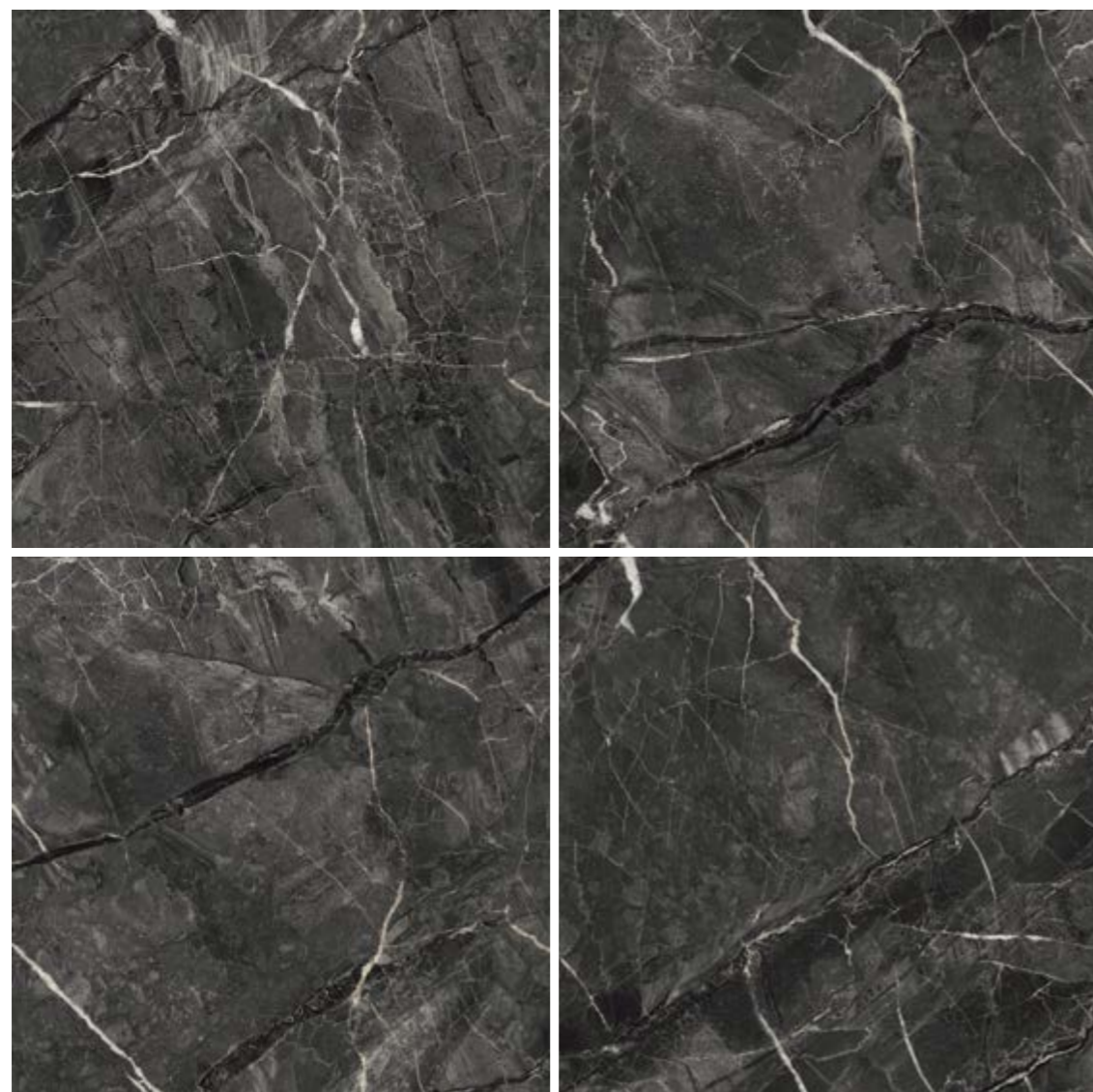
# DINO

**PLD04** | Polished | V3  
80x80cm



# DIEGO

PLD05 | Polished | V3  
80x80cm



## DINO & DIEGO

**WALL: PLD04**  
80x80 . Polished

**FLOOR: PLD05**  
80x80 . Polished

## 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	MS ISO 10545-2	mm	±1.8	±0.40%	±2.0	±0.50%
b) Edge curvature	MS ISO 10545-2	mm	±1.8	±0.40%	±2.0	±0.50%
c) Warpage	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 Strength : a) Thickness ≥ 7.5mm	MS ISO 10545-4	N	Not less than 1300N			
b) Thickness < 7.5mm	MS ISO 10545-4	N	Not less than 700N			
Modulus of Rupture : a) Thickness ≥ 7.5mm	MS ISO 10545-4	N/mm <sup>2</sup>	Minimum 35			
b) Thickness < 7.5mm	MS ISO 10545-4	N/mm <sup>2</sup>	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	MS ISO 10545-13	Visual Check	Manuf. To State			
b) Household chemicals and swimming pool salts	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)*			

\* Refer to test report for specific test result.





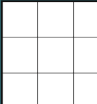



Each different tile series are produced to meet different performance requirements. For specific product technical performance, please request from Portino sales team, their agent or distributor. The tile designs in each carton are random and may or may not be the same.

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.

### SHADE VARIATION

 <p><b>UNIFORM</b> FROM TILE TO TILE</p>	 <p><b>SLIGHTLY NOTICEABLE</b> FROM TILE TO TILE</p>	 <p><b>MODERATELY NOTICEABLE</b> FROM TILE TO TILE</p>	 <p><b>DISTINCTLY NOTICEABLE</b> FROM TILE TO TILE</p>
 <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>

# Liquida

Find  
Your Flow



**NIRO CERAMIC GROUP**

Lot 2, Persiaran Sultan, Seksyen 15,  
40200 Shah Alam, Selangor, Malaysia.  
T +603 5033 9333 F +603 5033 9323

[www.niroceramic.com/portino](http://www.niroceramic.com/portino)

