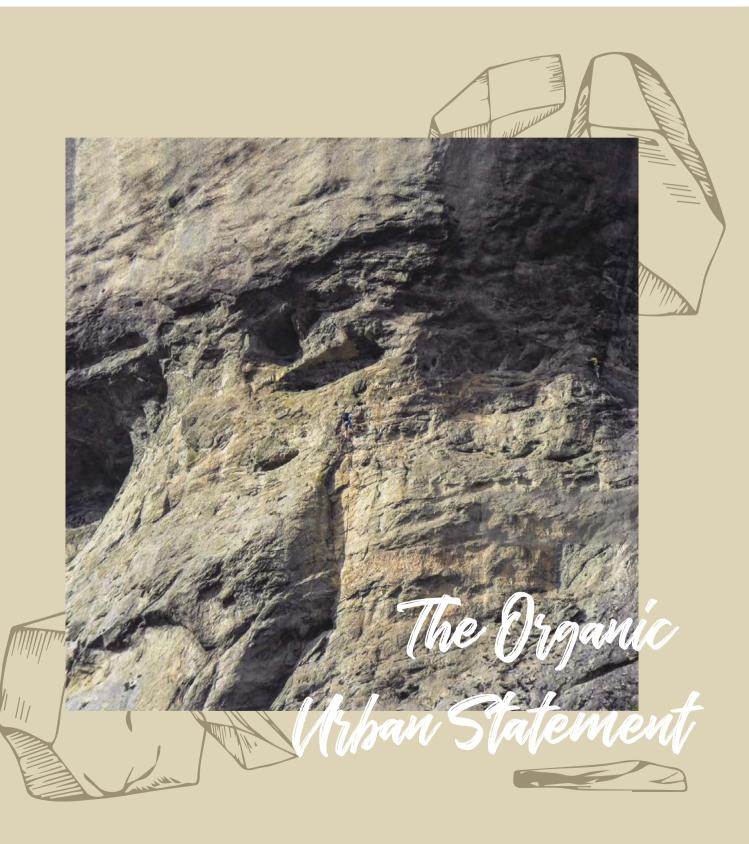
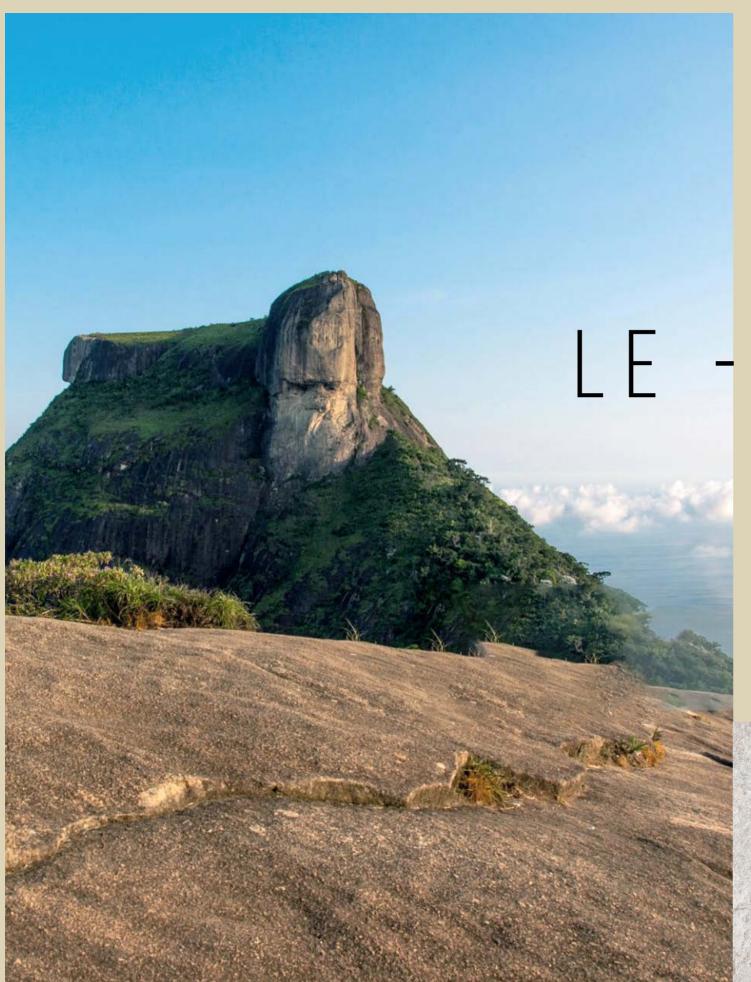
# LE-PEDRA







## LE - PEDRA THE ORGANIC URBAN STATEMENT

tranquillity.





Indulging the urban atmosphere, Le-Pedra is ready to take over interior surfaces with a solid stone inspired design collection. It draws upon the stability and sturdiness of natural rock to anchor one's experience in the here and now, an organic island of



















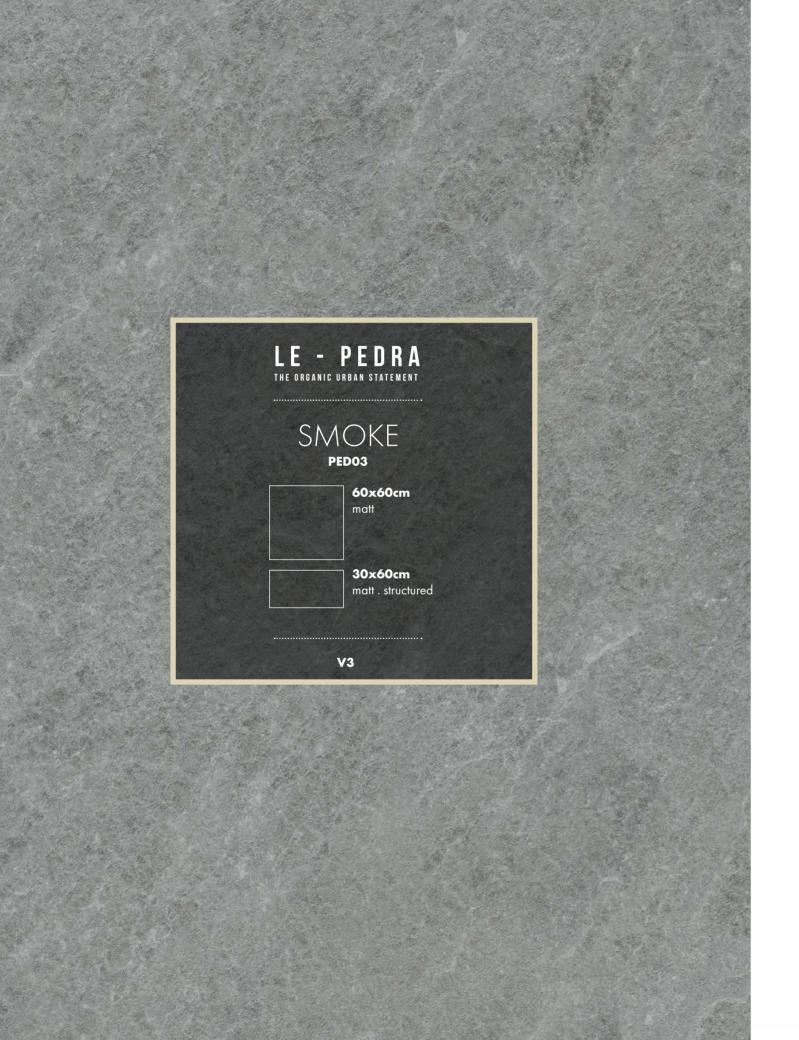


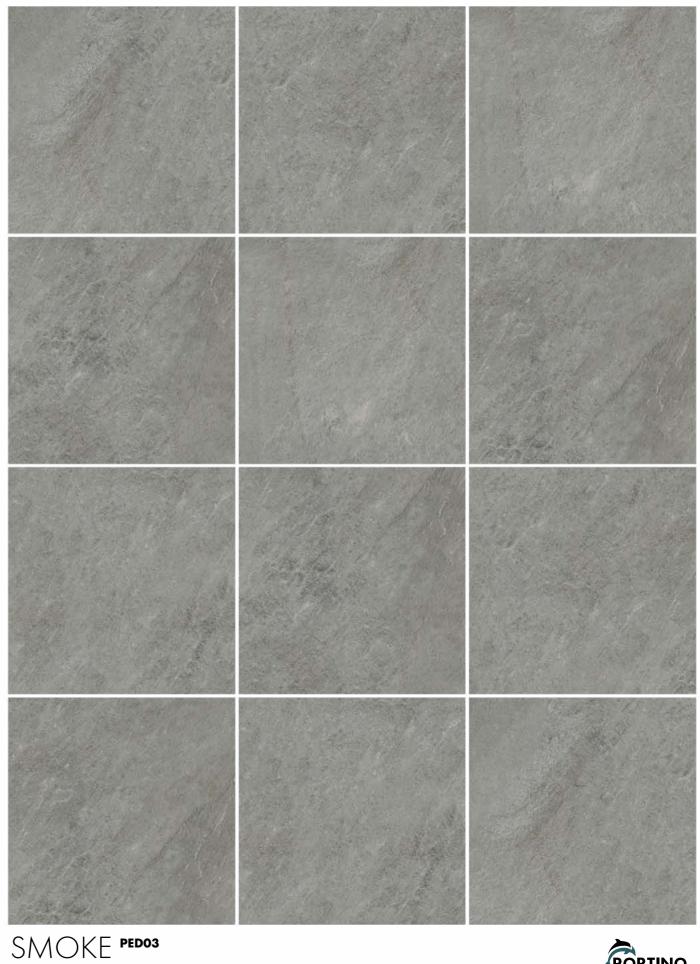


















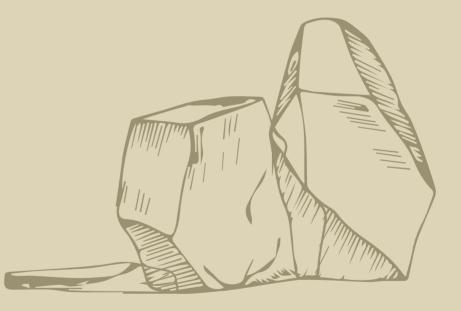
PED04



### PORTINO TECHNICAL SPECIFICATION

DESCRIPTION	STANDARD TEST	MEASUREMENT UNIT	PORCELAIN (Group Bla)				PORCELAIN (Group Bla)			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 Strenght : 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/mm2	Minimum 35								
b) Thickness < 7.5mm	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	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)*								

LE - PEDRA THE ORGANIC URBAN STATEMENT



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





\* Refer to test report for specific test result.

DISTINCTLY NOTICEABLE

DISTINCTLY NOTICEABLE FROM TILE TO TILE

ROM TILE TO TILE



#### NIRO CERAMIC GROUP

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

www.nirogranite.com



facebook /nirogranite.niroceramicgroup /CreativeLabbyNiroGranite



