

MANDARIN STONE

PRODUCT SPECIFICATION

CEMENTO RANGE PORCELAIN

Technical features - compliant with standards EN 14411 (ISO 13006) annex G group Bia UGL

Technical Features	Reference	Required Standards	Average Value
Length & Width	ISO 10545-2	± 0.60%	Conforms
Thickness		± 5.00%	Conforms
Squareness		± 0.50%	Conforms
Flatness		± 0.50%	Conforms
Water Absorption	ISO 10545-3	≤0.5%	Conforms
Breaking Strength	ISO 10545-4	Min.1300 N	Conforms
Modulus of Rupture		Avg. 35 N/mm ² min.	Conforms
Deep Scratch Resistance	ISO 10545-6	< 175 mm ³	< 150 mm ³
Thermal Shock Resistance	ISO 10545-9	According to ISO 10545-1	Resistant
Frost Resistance	ISO 10545-12	Required	Resistant
Non-slip classification (Matt)	DIN 51130	Declared Value	R10
Non-slip classification (Polished)		Declared Value	NPD
Slip Resistance	BS EN 7976	Declared Value	NPD
Resistance to household chemicals & Swimming pool salts	ISO 10545-14	UB Minimum	UA
Resistance to low concentrations of acids & Alkalis		Declared Value	ULA to ULB
Resistance to high concentrations of acids & Alkalis		Declared Value	UHA to UHB
Resistance to stains	ISO 10545-14	Test method available	Class 5