

EST / 1989

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	< 150mm ³
Linear Thermal Expansion Coefficient	ISO 10545-8	Declared Value	≤ 9 (MK) ⁻¹
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 10545-13	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