

EST / 1989

MANDARIN STONE

PRODUCT SPECIFICATION

DISTRICT RANGE PORCELAIN

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

Technical Features	Reference	Required Standards	Average Value
Dimensions of sides	ISO 10545-2	$\pm 0.60\%^*$	Conforms
Thickness		$\pm 5.00\%$	Conforms
Straightness		$\pm 0.50\%$	Conforms
Squareness		$\pm 0.60\%$	Conforms
Flatness		$\pm 0.50\%$	Conforms
Water Absorption	ISO 10545-3	$\leq 0.50\%$	$< 0.10\%$
Breaking Strength	ISO 10545-4	$S \geq 1300 \text{ N}$	> 2100
Modulus of Rupture		$R \geq 35 \text{ N/mm}^2$	$\geq 40 \text{ N/mm}^2$
Resistance To Abrasion	ISO 10545-7	Declared Value	PEI 4
Thermal Shock Resistance	ISO 10545-9	According to ISO 10545-1	Resistant
Frost Resistance	ISO 10545-12	Required	Resistant
Slip resistance	BS EN 7976-2	Slip Resistant (≥ 0.36)	NPD
Non-slip classification (10mm)	DIN 51130	Declared Value	RI0
	DIN 51097		B
Non-slip classification (20mm)	DIN 51130		RII
	DIN 51097		B
Crazing Resistance	ISO 10545-11	Required	Resistant
Resistance To Chemicals	ISO 10545-13	Min. GB-UB	Conforms
Resistance to Stains	ISO 10545-14	Class ≥ 3	5