

MANDARIN STONE

PRODUCT SPECIFICATION

SILICA PORCELAIN RANGE

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

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	$\leq 0.5\%$	Conforms
Breaking Strength	ISO 10545-4	$S \geq 1300 \text{ N}$	Conforms
Modulus of Rupture		$R \geq 35 \text{ N/mm}^2$	Conforms
Deep Abrasion Resistance	ISO 10545-6	$< 175 \text{ mm}^3$	Conforms
Thermal Shock Resistance	ISO 10545-9	According to ISO 10545-1	Conforms
Crazing Resistance	ISO 1045-II	Required	Conforms
Frost Resistance	ISO 10545-12	Required	Conforms
Slip resistance	BS EN 7976-2	Slip Resistant (≥ 36.00)	≥ 36.00 Wet
Non-slip classification	DIN 51130	Declared Value	R11
	DIN 51097		C
Resistance To Chemicals	ISO 10545-13	Declared Value	HA/HA/HA LA/LA/LA A/A
Resistance to Stains	ISO 10545-14	Class ≥ 3	Conforms