

EST / 1989  
MANDARIN STONE

**PRODUCT SPECIFICATION**

BRETON RANGE PORCELAIN

Technical Features	Reference	Required Standards	Average Value
Length & width	ISO 10545-2	$\pm 0.50\%$	Conforms
Thickness		$\pm 5.00\%$	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	$R \geq 35 \text{ N/mm}^2$	Conforms
Deep Scratch Resistance	ISO 10545-6	$\leq 175 \text{ mm}^3$	Conforms
Linear Thermal Expansion Coefficient	ISO 10545-8	$\leq 9 \times 10^{-6}$	$9 \times 10^{-5} \times \text{C}^{-1}$
Thermal Shock Resistance	ISO 10545-9	NA	Resistant
Crazing resistance	ISO 10545-11	NA	Resistant
Frost Resistance	ISO 10545-12	Required	Resistant
Non-slip classification	DIN 51130	Declared Value	R10
Chemical resistance	ISO 10545-13	Min. GB	GA/GLA
Resistance to stains	ISO 10545-14	Min. Class 3	Class 5