

EST / 1989

MANDARIN STONE

PRODUCT SPECIFICATION

VERDIGRIS RANGE PORCELAIN

Technical features - compliant with standards EN 14411 (ISO 13006) annex G group B1a

Technical Features	Reference	Required Standards	Average Value
Dimensions of sides	ISO 10545-2	$\pm 0.60\%$	Conforms
Water Absorption	ISO 10545-3	$\leq 0.5\%$	$\leq 0.1\%$
Breaking Strength	ISO 10545-4	$S \geq 1300 \text{ N}$	$S \geq 1300 \text{ N}$
Modulus of Rupture		$R \geq 35 \text{ N/mm}^2$	$R \geq 35 \text{ N/mm}^2$
Deep Scratch Resistance	ISO 10545-6	$\leq 175 \text{ mm}^3$	$\leq 150 \text{ mm}^3$
Linear Heat Expansion Coefficient	ISO 10545-8	Declared Value	$\sim 7 (10^{-6} \text{ } ^\circ\text{C}^{-1})$
Thermal Shock Resistance	ISO 10545-9	According to ISO 10545-1	Resistant
Frost Resistance	ISO 10545-12	Required	Resistant
Non-slip classification	DIN 51130	Declared Value	R9
	DIN 51097	Declared Value	A
Resistance To Chemicals	ISO 10545-13	Declared Value	Resistant
Resistance to stains	ISO 10545-14	Declared Value	Cleanable