

EST / 1989  
**MANDARIN STONE**

**PRODUCT SPECIFICATION**

**HENDRE RANGE PORCELAIN**

EN 14411 Appendix G – B1a UGL

Technical Features	Reference	Required Standards	Average Value
Length & Width	ISO 10545-2	$\pm 0.60\%$	Conforms
Thickness		$\pm 5.00\%$	Conforms
Straightness		$\pm 0.50\%$	Conforms
Squareness		$\pm 0.50\%$	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 Scratch Resistance	ISO 10545-6	$\leq 175 \text{ mm}^3$	$\leq 120 \text{ mm}^3$
Frost Resistance	ISO 10545-12	Required	Resistant
Resistance To Household Chemicals & Swimming Pool Salts	ISO 10545-13	Class UB Minimum	NPD
Resistance To Low Concentrations Of Acids & Alkalis		Manufacturer to state classification	NPD
Resistance To High Concentrations Of Acids & Alkalis		Declared value	NPD
Resistance To Stains	ISO 10545-14	Declared value	NPD
Slip Resistance	BS EN 7976	Low slip risk $\geq 36$ Dry/Wet	NPD
Non-slip classification (10mm)	DIN 51130	Declared Value	R10
	DIN51097		B
Non-slip classification (20mm)	DIN 51130	Declared Value	R11
	DIN51097		C