

EST / 1989

# MANDARIN STONE

## PRODUCT SPECIFICATION

### CASABLANCA RANGE PORCELAIN

Fine full-body coloured porcelain stoneware - Annex G, Group Bla

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	$\leq 0.5\%$	$\leq 0.1\%$
Breaking Strength	ISO 10545-4	$S \geq 1300 \text{ N}$	$S \geq 1800 \text{ N}$
Modulus of Rupture		$R \geq 35 \text{ N/mm}^2$	$R \geq 45 \text{ N/mm}^2$
Deep Scratch Resistance	ISO 10545-6	$\leq 175 \text{ mm}^3$	$\leq 150 \text{ mm}^3$
Linear Thermal Expansion Coefficient	ISO 10545-8	Declared value	$\leq 7 \text{ (MK)}^{-1}$
Thermal Shock Resistance	ISO 10545-9	Test method available	Resistant
Frost Resistance	ISO 10545-12	Required	Resistant
Slip resistance	BS EN 7976	Low slip risk $\geq 36$ Dry/Wet	NPD
Non-slip classification	DIN 51130	Declared Value	R9
Non-slip classification	DIN 51097	Declared Value	NPD
Resistance To Household Chemicals & Swimming Pool Salts	ISO 10545-13	Class B Minimum	A
Resistance to low concentrations of acids & alkalis		Declared value	LA
Resistance to high concentrations of acids & alkalis		Declared value	HA
Resistance to stains	ISO 10545-14	Declared value	Cleanable