

EST / 1989

MANDARIN STONE

PRODUCT SPECIFICATION

HESSIAN RANGE PORCELAIN

Technical features - compliant with standards EN 14411 & ISO 13006 annex G group Bia GL

Technical Features	Reference	Required Standards	Average Value
Length & Width	ISO 10545-2	± 0.60%	± 0.20%
Thickness		± 5.00%	± 2.00%
Linearity		± 0.50%	± 0.20%
Squareness		± 0.60%	± 0.20%
Flatness		± 0.50%	± 0.20%
Water Absorption	ISO 10545-3	≤ 0.5%	0.04%
Breaking Strength	ISO 10545-4	S ≥ 1300 N	S ≥ 1700 N
Modulus of Rupture		R ≥ 35 N/mm ²	R ≥ 55 N/mm ²
Coefficient of linear thermal expansion	ISO 10545-8	Test method available	6,5x10 ⁻⁶ °C ⁻¹
Frost Resistance	ISO 10545-12	Required	Resistant
Chemical Resistance	ISO 10545-13	Declared Value	Not attacked
Stain Resistance	ISO 10545-14	I < X < 5	Class 5
Slip Resistance (dry)	EN 14231	Declared Value	59
Slip Resistance (wet)			35
Non-slip classification	DIN 51130	Declared Value	R9
Non-slip classification	DIN 51097		NPD