







# QUEEN STONE



## FEATURES

### IST847 – TECHNICAL FEATURES DIGITAL GLAZED PORCELAIN STONEWARE

PROPERTY PHYSICAL - CHEMICAL	TEST METHOD	AVERAGE VALUE	
Lenght and width	ISO 10545-2	( ± 0,75% 190 cm <sup>2</sup> < 410 ≥ )	
Linearity	ISO 10545-2	( ± 0,6 % > 410 cm <sup>2</sup> )	
Wedging	ISO 10545-2	( ± 0,5% max )	
Warpage	ISO 10545-2	( ± 0,6% max )	
	ASTM C485	( ± 5% max )	
Thickness	ISO 10545-2	10 mm	
Appearance quality	ISO 10545-2	Complies with standards	
Water absorption	ISO 10545-3	Complies with standards	⬇
Breaking strength	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	⬇
Thermal shock resistant	ISO 10545-9	Resistant	
Frost resistance	ISO 10545-12	Resistant	⬇
Abrasion resistance for glazed tiles	ISO 10545-7	PEI IV	⬇

Linear thermal expansion coefficient (50°/400°)	ISO 10545-8	Test method available	
Crazing resistance of glazed tiles	ISO 10545-11	Resistant	
Surface resistance	EN 101	MOHS 8	
Resistance to low concentration of acid and alkali, household chemicals and additive for swimming pool	ISO 10545-13	GLA	
Resistance to domestic chemical products and additives for swimming pools	ISO 10545-13	GA	
Resistance of staining	ISO 10545-14	Class 5	
Coefficient of friction	DIN 51130	R10	
Coefficient of friction	DIN 51130	R11	
Slipperiness	DIN 51097	R10: Class B - R11: Class C	
	B.C.R.A.	Complies with standards	
	DCOF Acu Test	Complies with standards	
Colour shading		V 4	

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