











**TECHNICAL CHARACTERISTICS**  
**PORCELAIN STONEWARE EN 14411 G gruppo B1a GL**

**STANDARD REQUIREMENTS**

**TEST RESULTS**

**REFERENCE STANDARD**

		7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)			
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS	±0,8 mm	±0,6%	±2mm	±0,15%	ISO 10545-2
	ADMITTED DEVIATION, IN %, OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION DIMENSIONS	±0,5 mm	±5,0%	±0,5 mm	±5%	
	MAXIMUM STRAIGHTNESS DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS	±0,75 mm	±0,5%	±1,5 mm	±0,1%	
	MAXIMUM RIGHT-ANGLE DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS	±0,75 mm	±0,5%	±2,0 mm	±0,2%	
	FLATNESS (CURVING IN THE MIDDLE, CORNER AND WARPING)	±0,75 mm	±0,5%	±2,0 mm	±0,35%	
	SURFACE QUALITY	AT LEAST 96% OF THE TILES MUST BE FREE FROM VISIBLE FLAWS.			CONFORMING	
	% WATER ABSORPTION	E<0,5%		E<0,1%	ISO 10545-3	
	BREAKING STRENGTH IN N (thickness ≥ 7,5 mm)	1300 min		>1700	ISO 10545-4	
	N/mm <sup>2</sup> FLEXURAL STRENGTH TEST	35 min		>40	ISO 10545-4	
	RESISTANCE TO ABRASION OF GLAZED TILES	SEE MANUFACTURER'S DECLARATION		CLASSE 4	ISO 10545-7	
	THERMAL SHOCKS RESISTANT			RÉSISTANT	ISO 10545-9	
	GLAZE CRAZING RESISTANCE	REQUIRED		RÉSISTANT	ISO 10545-11	
	RESISTANCE TO STAINING			CLASSE 4	ISO 10545-14	
	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS.	SEE MANUFACTURER'S DECLARATION		GLB (POLISHED) GLA (NATURAL)	ISO 10545-13	
	RESISTANCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS	GB min		GA		
	FROST RESISTANCE	REQUIRED		RÉSISTANT	ISO 10545-12	
	FRICTION COEFFICIENT (SLIPPERINESS)			RB (NATURAL)	DIN 51130:2010	
				Dry/Wet >0,6 (NATURAL)	ASTM C 1028	
				Wet >0,42 (NATURAL)	DOOF (section 9.6 ANSI A 137.1 2012)	