

TECHNICAL CHARACTERISTICS PORCELAIN STONWARE EN 14411 G gruppo B1a GL		STANDARD REQUIREMENTS			TEST RESULTS		REFERENCE STANDARD
		7cm ≤ N < 15 cm	N ≥ 15 cm		NATURAL	POLISHED	
		(mm)	(%)	(mm)			
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS	±0,9 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	±0,2%		
	SURFACE QUALITY	AT LEAST 95% 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 ² FLEXURAL STRENGTH TEST	35 min			>40		ISO 10545-4
	RESISTANCE TO ABRASION OF GLAZED TILES	SEE MANUFACTURER'S DECLARATION			Blossom classe 4 Amber classe 4 Midlight classe 3 Ocean classe 3		ISO 10545-7
	THERMAL SHOCKS RESISTANT	-			RÉSISTANT		ISO 10545-9
	GLAZE CRAZING RESISTANCE	REQUIRED			RÉSISTANT		ISO 10545-11
	RESISTANCE TO STAINING	-			CLASSE 4	CLASSE 3	ISO 10545-14
	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS.	SEE MANUFACTURER'S DECLARATION			GLA	GLB	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)	-			R9	-	DIN 51130
					Wet >0,42	-	DCOF (section 9.6 ANSI A 137.1 2012)