

# Dolomite Specs

TECHNICAL CHARACTERISTICS PORCELAIN STONEWARE EN 14411 G gruppo B1a GL		STANDARD REQUIREMENTS		TEST RESULTS	REFERENCE STANDARD
		7cm ≤ N < 15 cm	N ≥ 15 cm		
		(mm)	(%)	(mm)	
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS	±0,9 mm	±0,6%	±2 mm	±0,15%
	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 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 <sup>2</sup> FLEXURAL STRENGTH TEST	35 min		> 40	ISO 10545-4
	RESISTANCE TO ABRASION OF GLAZED TILES	SEE MANUFACTURER'S DECLARATION		BIANCO CLASSE 4 BEIGE 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
	RESISTENCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS	GB min		GA	
	FROST RESISTANCE	REQUIRED		RÉSISTANT	ISO 10545-12
	FRICTION COEFFICIENT (SLIPPERINESS)			R9 (NATURAL)	DIN 51130:2010
				Dry/Wet > 0,6 (NATURAL)	ASTM C 1028
				Wet > 0,42 (NATURAL)	DCOF (section 9.6 ANSI A 137.1 2012)



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