

FLORIM OVERSIZE  
**magnUm**  
**STONE**

www.florim.it | fine porcelain stoneware



www.uniontiles.co.za

**FINE PORCELAIN STONEWARE – Soft/Smooth SQUARED**

TECHNICAL CHARACTERISTICS						
Unglazed porcelain stoneware slabs. Dry-pressed ceramic tiles. Quality specifications according to control tests of E.N. 14411. Appendix G group 81a UGL		REFERENCE STANDARD	STANDARD REQUIREMENTS		TEST RESULTS	
			N ≥ 15 cm		N ≥ 15 cm	
			(%)	(mm)	stones&more	wooden tile
☑	LENGTH AND WIDTH: ADMITTED DEVIATION, IN%, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS	ISO 10545-2	±0,6%	±2,0 mm	±0,15%	
	ADMITTED DEVIATION, IN %, OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION DIMENSIONS	ISO 10545-2	±5,0%	±0,5 mm	±5%	
	MAXIMUM STRAIGHTNESS DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS	ISO 10545-2	±0,5%	±1,5 mm	±0,1%	
	MAXIMUM RIGHT-ANGLE DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS	ISO 10545-2	±0,5%	±2,0 mm	±0,2%	
	FLATNESS (CURVING IN THE MIDDLE, CORNER AND WARPING)	ISO 10545-2	±0,5%	±2,0 mm	±0,2%	
	SURFACE QUALITY	ISO 10545-2	At least 95% of the tiles must be free from visible flaws		CONFORMING	
☑	% WATER ABSORPTION	ISO 10545-3	<0,5%		valore media 0,08%	
☑	BREAKING STRENGTH IN N (thickness < 7,5 mm)	ISO 10545-4	≥700		valore media 1350 Newton*	
	N/mm <sup>2</sup> FLEXURAL STRENGTH TEST	ISO 10545-4	35 MIN.		valore media 52 N/mm <sup>2</sup> *	
☑	RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES	ISO 10545-6	<175 mm <sup>3</sup>		valore media 140 mm <sup>3</sup>	
☑	THERMAL SHOCKS RESISTANT	ISO 10545-9	Available testing method		RESISTANT	
☑	FROST RESISTANCE	ISO 10545-12	REQUIRED		RESISTANT	
☑	RESISTANCE TO STAINING	ISO 10545-14	Available testing method		Class 3	
☑	release of hazardous substances	ISO 10545-15	DECLARED VALUE FOR GL SURFACES USED ON WORKTOPS		ABSENT	
☑	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS	ISO 10545-13	SEE MANUFACTURER'S DECLARATION		ULB	ULA
	RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALI				UHA	UHA
	RESISTANCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS				MIN B	
☑	FRICTION COEFFICIENT (SLIPPERINESS)	DCOF (section 9.6 ANSI A 137.1.2012)	-		>0,42 wet	
		DIN 51130	-		-	R9
		DIN 51097	-		-	

For optimal installation results, Florim recommends maintaining a joint of 2 mm 1/12" for single format installations and 3 mm 1/8" to combine mixed formats

TEST PERFORMED ON 80x80 cm SIZE

