



PRODUCT DATA SHEET

ITEM:	TUSCANY PEARL RECTIFICADO	BRAND:	AZULEJOS BENADRESA, S.A.	
DATE:	29/02/2024	FORMAT:	80X160 cm	
CLASSIFICATION OF FINISHED PRODUCT (UNE-EN-14411)		GROUP:	Bla	ANNEX: G

FACIAL DIMENSIONS RANGE AND SURFACE QUALITY

	UNE-EN-ISO-10545-2	REFERENCE	RESULT
DIMENSIONS			800X1600
LENGTH		± 0,6 %	0,05% / -0,20% 1600,0 mm
WIDTH		± 0,6 %	0,10% / -0,15% 799,9 mm
STRAIGHTNESS OF SIDES		± 0,5 %	0,13% / -0,03%
THICKNESS		± 5,0 %	0,89% / -1,2% 9,0 mm
RECTANGULARITY		± 0,5 %	0,15% / -0,20%
CENTRAL SURFACE FLATNESS		± 0,5 %	0,07% / -0,08%
LATERAL SURFACE FLATNESS		± 0,5 %	0,16% / -0,14%
DIAGONAL SURFACE FLATNESS		± 0,5 %	0,04% / -0,08%

PHYSICAL PROPERTIES

	UNE-EN-ISO-10545-3		
WATER ABSORPTION		$E \leq 0,5\%$	0,1%
	UNE-EN-ISO-10545-4		
BREAKING STRENGTH		MIN 1300 N	2320
MODULUS OF RUPTURE		MIN 35 N/mm ²	43
	UNE-EN-ISO-10545-6		
DETERMINATION TO ABRASION RESISTANCE. DEEP ABRASION		NOT APPLY	NOT APPLY
	UNE-EN-ISO-10545-7		
DETERMINATION TO ABRASION RESISTANCE		REVOLUTIONS 6000	PEI 4
	UNE-EN-ISO-10545-9		
THERMAL SHOCK RESISTANCE			FULFILLED



UNE-EN-ISO-10545-11

CRAZING RESISTANCE		FULFILLED
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UNE-EN-ISO-10545-12

FROST RESISTANCE		FULFILLED
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UNE 67101

DETERMINATION HARDNESS TO SURFACE STRIPPING.MOHS		8
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DETERMINATION OF SLIDING RESISTANCE

VALUE FOLLOWING UNE 41901-EX (PENDULUM)	CLASS	2
VALUE FOLLOWING DIN 51130 (RAMP TEST)	R	R10
VALUE FOLLOWING DIN 51097 (RAMP TEST BAREFOOT)	CLASS	
VALUE FOLLOWING ANSI A 326.3 (DCOF-BOT 3000E)		

CHEMICAL PROPERTIES

UNE-EN-ISO-10545-13

CHEMICAL RESISTANCE		FULFILLED
HOUSEHOLD CHEMICALS		GA
SWIMMING POOL SALTS		GA
HYDROCHLORIC LOW CONCENTRATION		GLA
CITRIC ACID		GLA
POTASSIUM HYDROXIDE LOW CONCENTRATION		GLA°
HYDROCHLORIC HIGH CONCENTRATION		GHA
LACTIC ACID		GHA
POTASSIUM HYDROXIDE HIGH CONCENTRATION		GHA

UNE-EN-ISO-10545-14

RESISTANCE TO STAINS		FULFILLED
IRON OXIDE-CHROME OXIDE		5
IODINE		5
OLIVE OIL		5

The test results of this sheet are made in our production plant with calibrated technology. However, we are non-official laboratory, for this reason all the results are exclusively informative and related to the tested tiles.