

Series: **MILLELEGGNI**

Dry - Pressed Ceramic Tiles. ISO 13006:2012 Annex G - UNI EN 14411:2012 Annex G
group Bla GL

	Technical feature	Standard Method	Requirements		Emilceramica Values	
			%	mm	%	mm
DIMENSIONS AND SURFACE QUALITY	LENGH AND WIDTH	UNI EN ISO 10545-2	±0.6%	±2,0	±0.2%	±2,0
	THICKNESS		±5%	±0,5	±5%	±0,5
	STRAIGHTNESS OF SIDES		±0.5%	±1,5	±0.2%	±1,5
	RECTANGULARITY		±0.5%	±2,0	±0.33%	±1,5
	FLATNESS		±0.5%	±2,0	±0.26%	±1,5
	SURFACE QUALITY		A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.			COMPLIANT
PHYSICAL PROPERTIES	WATER ABSORPTION	UNI EN ISO 10545-3	E _b ≤ 0.5% Individual maximum : 0.6%		COMPLIANT	
	BREAKING STRENGHT	UNI EN ISO 10545-4	Min 1300 N		≥ 2000 N	
	MODULUS OF RUPTURE		R ≥ 35 N/mm ² Not applicable to tiles with breaking strength ≥ 3000 N		R ≥ 50 N/mm ²	
	FROST RESISTANCE	UNI EN ISO 10545-12	REQUIRED		COMPLIANT	
	SURFACE ABRASION	UNI EN ISO 10545-7	0 (100 cycles) 1 (150 cycles) 2 (600 cycles) 3 (1500 cycles) 4 (6000 cycles) 5 (>12000 cycles)		3 - 5	
CHEMICAL PROPERTIES	RESISTANCE TO STAINING	UNI EN ISO 10545-14	Minimum Class 3		5	
	RESISTANCE TO CHEMICALS TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS	UNI EN ISO 10545-13	Minimum GB		GA	
	TO HIGH AND LOW CONCENTRATIONS OF ACIDS AND ALKALIS		To be reported		GLA GHA	
SLIP RESISTANCE	DIN 51130		R10			
	DIN 51097		B (A+B)			
	UNI ENV12633: 2006		1*			
	AS/NZS 4586:2004		X**			
	B.C.R.A. Rep. CEC 6-81		>0.40			
	BS7976-2: 2002		WET	DRY		
		20***	51***			

* Values obtained with certificate n° 20136188/3. Date 20/11/2013 (543M0R sh. 49A).

** Values obtained with certificate n° 20136188/4. Date 20/11/2013 (543M0R sh. 49A).

*** Values obtained with certificate n° 20151934/1. Date 08/04/2015 (543M8R sh. 49A).

Fiorano Modenese, 10/04/2015

"EMILCERAMICA" S.p.A.
Via Ghiarola Nuova, 29
41042 FIORANO MODENESE
C.F. 01016070367

Gianluca Fiandri
Quality Control Manager
Emilceramica Group

