

Series: BACKS

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	
DIMENSIONS AND SURFACE QUALITY	LENGH AND WIDTH	UNI EN ISO 10545-2	%	mm	%	mm
	THICKNESS		±0.6%	±2,0	±0.2%	±2,0
	STRAIGHTNESS OF SIDES		±5%	±0,5	±5%	±0,5
	RECTANGULARITY		±0.5%	±1,5	±0.2%	±1,5
	FLATNESS		±0.5%	±2,0	±0.33%	±1,5
			±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		≥ 1300 N	
	MODULUS OF RUPTURE		R ≥ 35 N/mm ² Not applicable to tiles with breaking strength ≥ 3000 N		R ≥ 35 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	UNI EN ISO 10545-13	Minimum GB		GA	
	TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS		To be reported		GLA GHA	
	TO HIGH AND LOW CONCENTRANTIONS OF ACIDS AND ALKALIS					
	SLIP RESISTANCE	DIN 51130				R11
		DIN 51097				C (A+B+C)

Fiorano Modenese, 25/03/2014

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