

## MARMOREA

### EN 14411: 2012 Annex G Group BIa GL

TECHNICAL FEATURE	TEST METHOD	REQUIRED MINIMUM STANDARDS	MARMOREA
SIZES AND LOOK OF THE TILE	ISO 10545-2	Length and width $\pm 0,6\% / \pm 2.0$ mm	Compliant
		Thickness $\pm 5\% / \pm 0.5$ mm	Compliant
		Straightness of sides $\pm 0,5\% / \pm 1.5$ mm	Compliant
		Rectangularity $\pm 0,5\% / \pm 2.0$ mm	Compliant
		Surface flatness $\pm 0,5\% / \pm 2.0$ mm	Compliant
		Surface quality: 95% of tiles with no defaults	
WATER ABSORPTION	ISO 10545-3	$\leq 0.5$ %	0,08 % (average values referred to the last production)
AVERAGE BENDING STRENGTH	ISO 10545-4	35 N/mm <sup>2</sup> min.	48,2 N/mm <sup>2</sup> (average values referred to the last production)
BREAKING STRENGTH	ISO 10545-4	Thickness $\geq 7,5$ mm: 1300 N min.	Compliant
RESISTANCE TO SURFACE ABRASION	ISO 10545-7	State the PEI rate and covered cycles	Biancio Gioia/Bianco Statuario/Bianco Calacatta: CLASS 4 (6000 rotations) Grigio Imperiale/Port Laurent: CLASS 4 (2100 rotations)
CRAZING RESISTANCE	ISO 10545-11	Required	Compliant
FROST RESISTANCE	ISO 10545-12	Required	Compliant

Ragione Sociale: COEM S.p.A.  
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Cap. Soc. € 12.000.000,00 i.v. - Reg. Impr. di Modena e C.F. 01927780369  
R.E.A. Modena n° 252818 - Partita IVA: IT 01927780369

UNI EN ISO 9001:2008  
UNI EN ISO 14001:2004  
BS OHSAS 18001:2007



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STAIN RESISTANCE	ISO 10545-14	Min. Class 3	Class 5
CHEMICAL RESISTANCE (ACID AND ALKALI LOW CONCENTRATION)	ISO 10545-13	According to the classification stated by the manufacturer	GLA Class
CHEMICAL RESISTANCE (DOMESTIC USE AND SWIMMING POOL CHEMICALS)	ISO 10545-13	Min. GB	Compliant

COEFFICIENT OF FRICTION	B.C.R.A. METHOD (D.M. no. 236 of 14/06/1989 of Italian Republic)		Matt: DRY: > 0,40 WET: > 0,40
ANTISLIP PROPERTIES	DIN 51130		Matt: R9
DYNAMIC COEFFICIENT OF FRICTION	DCOF ANSI A137-1:2012		Matt: WET: 0.45

Valid only for items in 1st. choice.

On request we can certify conformity with standards that are not mentioned hereby

The special trims for the series, apart from those used for stair coverings, do not comply with the ISO EN 14411 standard.

Average values refer to tests which have been made on the unpolished surface if not otherwise specifically indicated.

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