

PAR Q

EN 14411: 2012 Annex G Group BIa GL

TECHNICAL FEATURE	TEST METHOD	REQUIRED MINIMUM STANDARDS	PAR Q
SIZES AND LOOK OF THE TILE	ISO 10545-2	Length and width $\pm 0,6\% / \pm 2.0 \text{ mm}$	Compliant
		Thickness $\pm 5\% / \pm 0.5 \text{ mm}$	Compliant
		Straightness of sides $\pm 0,5\% / \pm 1.5 \text{ mm}$	Compliant
		Rectangularity $\pm 0,5\% / \pm 2.0 \text{ mm}$	Compliant
		Surface flatness $\pm 0,5\% / \pm 2.0 \text{ mm}$	Compliant
		Surface quality: 95% of tiles with no defaults	
WATER ABSORPTION	ISO 10545-3	$\leq 0.5 \%$	0,2 % (average values referred to the last production)
AVERAGE BENDING STRENGTH	ISO 10545-4	35 N/mm ² min.	47,3 N/mm ² (average values referred to the last production)
BREAKING STRENGTH	ISO 10545-4	Thickness $\geq 7,5 \text{ mm}$: 1300 N min.	Compliant
RESISTANCE TO SURFACE ABRASION	ISO 10545-7	State the PEI rate and covered cycles	White: CLASS 4 (6000 rotations) Grey-Burnt-Black: 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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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
ANTISLIP PROPERTIES	DIN 51130		R9
DYNAMIC COEFFICIENT OF FRICTION	DCOF ANSI A137-1:2012		WET: 0.42

Valid only for items in 1st choice.

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

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

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