DATI TECNICI. TECHNICAL FEATURES. TECHNISCHE EIGENSCHAFTEN. CARACTERISTIQUES TECHNIQUES



The international reference standards: ISO - EN

The values of the main technical characteristics measured on our products, compared with international standards, are clearly shown and reproduced on our contractual documents (catalogs, price lists, etc.).

The values given in this document are common to groups of articles or series of our tiles and therefore are to be used as a guide for a first orientation in choosing the product. If required, the specific values for a given product an a determined supply can be provided depending on its intended use, when formally brought to our attention by notice in writing.

EN 14411 ⁽¹⁾ − G / ISO 13006 ⁽²⁾ − G verage value $E_b \le 0.5 \%$ / Individual maximum $\le 0.6\%$ Definition § 3.2 and § 3.7 Average $\ge 35 \text{ N/mm}^2$ Average $\ge 1300 \text{ N}$ for thickness $\ge 7.5 \text{ mm}$ Average $\ge 700 \text{ N}$ for thickness $\le 7.5 \text{ mm}$ Classes according to EN 1339 − § 5 NA NA Abrasion class and cycles passed Max volume abraded $\le 175 \%$ mm3	Our general values < 0,03% Average value and individual maximur BI _a - Porcelain tiles Physical properties ≥ 35 N/mm2 Complies ≥ U11 (3) (for square slabs) ≥ 12,000 N (3) (for square slabs) ≥ 50 MPa (3) (for square slabs) ≥ 200 MPa (2.000 kg/cm2 / 29.000 psi) ≥ 8 Class 0 - 5
verage value $E_b \le 0.5 \%$ / Individual maximum $\le 0.6\%$ Definition § 3.2 and § 3.7 Average $\ge 35 \text{ N/mm}^2$ Average $\ge 1300 \text{ N}$ for thickness $\ge 7.5 \text{ mm}$ Average $\ge 700 \text{ N}$ for thickness $< 7.5 \text{ mm}$ Classes according to EN 1339 - § 5 NA NA Abrasion class and cycles passed Max volume abraded $< 175 \text{ / mm}3$	Bl _a − Porcelain tiles Physical properties ≥ 35 N/mm2 Complies ≥ U11 (3) (for square slabs) ≥ 12,000 N (3) (for square slabs) ≥ 50 MPa (3) (for square slabs) ≥ 200 MPa (2.000 kg/cm2 / 29.000 psi) ≥ 8
Average ≥ 35 N/mm² Average ≥ 1300 N for thickness ≥ 7,5 mm Average ≥ 700 N for thickness < 7,5 mm Classes according to EN 1339 - § 5 NA NA Abrasion class and cycles passed Max volume abraded < 175 / mm3	Physical properties ≥ 35 N/mm2 Complies ≥ U11 (3) (for square slabs) ≥ 12,000 N (3) (for square slabs) ≥ 50 MPa (3) (for square slabs) ≥ 200 MPa (2.000 kg/cm2 / 29.000 psi) ≥ 8
Average ≥ 1300 N for thickness ≥ 7,5 mm Average ≥ 700 N for thickness < 7,5 mm Classes according to EN 1339 - § 5 NA NA Abrasion class and cycles passed Max volume abraded < 175 / mm3	≥ 35 N/mm2 Complies ≥ U11 (3) (for square slabs) ≥ 12,000 N (3) (for square slabs) ≥ 50 MPa (3) (for square slabs) ≥ 200 MPa (2.000 kg/cm2 / 29.000 psi) ≥ 8
Average ≥ 1300 N for thickness ≥ 7,5 mm Average ≥ 700 N for thickness < 7,5 mm Classes according to EN 1339 - § 5 NA NA Abrasion class and cycles passed Max volume abraded < 175 / mm3	Complies ≥ U11 (3) (for square slabs) ≥ 12,000 N (3) (for square slabs) ≥ 50 MPa (3) (for square slabs) ≥ 200 MPa (2.000 kg/cm2 / 29.000 psi) ≥ 8
Average ≥ 700 N for thickness < 7,5 mm Classes according to EN 1339 - § 5 NA NA Abrasion class and cycles passed Max volume abraded < 175 / mm3	≥ U11 (3) (for square slabs) ≥ 12,000 N (3) (for square slabs) ≥ 50 MPa (3) (for square slabs) ≥ 200 MPa (2.000 kg/cm2 / 29.000 psi) ≥ 8
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NA Abrasion class and cycles passed Max volume abraded < 175 / mm3	≥ 200 MPa (2.000 kg/cm2 / 29.000 psi) ≥ 8
NA Abrasion class and cycles passed Max volume abraded < 175 / mm3	≥ 8
Abrasion class and cycles passed Max volume abraded < 175 / mm3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Max volume abraded < 175 / mm3	Class 0 - 5
water-info info properties to agent superconduct	< 130 / mm3
Novabell criterion	Class 5 (see Annex N - ISO 13006 / EN 14411)
	Resistant
Declared value ⁽¹⁾ / Test method available ⁽²⁾	< 7,1 x 10 ⁻⁶ °C ⁻¹
according to EN ISO 10545-1 ⁽¹⁾ / Test method available ⁽²⁾	Complies
Pass according to EN ISO 10545-1 ⁽¹⁾ / Required ⁽²⁾	Complies
Pass according to EN ISO 10545-1 ⁽¹⁾ / Required ⁽²⁾	Complies
Declared value ⁽¹⁾ / Test method available ⁽²⁾	≤ 0,1 mm/m
$\Delta E_{cmc} da < 0.75 a < 1.0 (1)$	If agreed
Declared value ⁽¹⁾ /Test method available ⁽²⁾	COR > 0,75
Class A1 or A1 _{FL} (1)	A1 _{FL} Classified Without Testing (CWT) – 96/603 EC
	Chemical properties
Declared value ⁽¹⁾ / Manufacturer is to state classification ⁽²⁾	Resistant (see "Maintenance and care" section)
Minimum class B	A
Minimum class 3	5
	(see "Maintenance and care" section)
Declared value ⁽¹⁾ / Test method available ⁽²⁾	Pb < 0,1 / Cd < 0,01 mg/dm ²
	Dimensions and surface quality
See ANNEX G	Complies
	Complies
	Declared value ⁽¹⁾ / Test method available ⁽²⁾ s according to EN ISO 10545-1 ⁽¹⁾ / Test method available ⁽²⁾ Pass according to EN ISO 10545-1 ⁽¹⁾ / Required ⁽²⁾ Pass according to EN ISO 10545-1 ⁽¹⁾ / Required ⁽²⁾ Declared value ⁽¹⁾ / Test method available ⁽²⁾ \[\Declared \text{ A \cdot Const.} \text{ das } \text{ das } \text{ (1)} \] Declared value ⁽¹⁾ / Test method available ⁽²⁾ Class A1 or A1 _{FL} (1) Declared value ⁽¹⁾ / Manufacturer is to state classification ⁽²⁾ Minimum class B Minimum class 3 Declared value ⁽¹⁾ / Test method available ⁽²⁾ See ANNEX G Inimum of 95% of the tiles shall be free from visible is that would impair the appearance of a major area of

Test methods	Requirements and references		Our general values
DIN 51130	BGR / ASR	From R9 to R13	R 11
DIN 5109	GUV-I 8527	A - B - C	A + B + C
BCR - ex BCRA	DM n. 236 / 1989	μ > 0,40	$\mu > 0.40$
DCOF Resistance (ANSI A 137.1 Section 9.6)	≥ 0.42 ⁽¹⁾		DCOF ≥ 0.42
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PRODUCT INFORMATION - IMPORTANT NOTES FOR THE CONSUMER - CLEANING AND CARE - PROPERTY RIGHTS:

www.stonecreek2cm.it