














TO BE



FEATURES

CER1A8 – TECHNICAL FEATURES FULL BODY PORCELAIN STONEWARE – ISO 13006 BIa UGL / GLAZED
 PORCELAIN STONEWARE WITH COLOURED BODY – ISO 13006 BIa GL

	PROPERTY PHYSICAL - CHEMICAL	TEST METHOD	AVERAGE VALUE	
	TO BE CONCRETE			
	Lenght and width	ISO 10545 - 2	$\pm 0,3\% \pm 1,5 \text{ mm}$	
	Lenght and width	ISO 10545 - 2	$\pm 0,3\% \pm 1,5 \text{ mm}$	
	Straightness of sides	ISO 10545 - 2	$\pm 0,3\% \text{ MAX } \pm 1,5 \text{ mm}$	
	Thickness	ISO 10545 - 2	$\pm 5\% \text{ MAX } \pm 0,5 \text{ mm}$	
	Rectangularity	ISO 10545 - 2	$\pm 0,3\% \pm 1,5 \text{ mm}$	
	Shade variations		V2	
	Water absorption	ISO 10545 - 3	test in update	
	Scratch hardness (MOHS scale)	EN 101	MOHS > 6	

	Modulus of rupture	ISO 10545 - 4	test in update	
	Breaking strength	ISO 10545 - 4	test in update	
	Abrasion resistance	ISO 10545 - 6	≤175 mm ³	
	Resistance to surface abrasion of glazed tiles	UNI EN ISO 10545-7	test in update	
	Linear thermal expansion coefficient	ISO 10545 - 8	Method available	
	Thermal shock resistance	ISO 10545 - 9	test in update	
	Frost resistance	ISO 10545 - 12	test in update	
	Resistance to chemical attack (except hydrofluoric acid)	ISO 10545 - 13	Class A - LA - HA	
	Resistance to stains of glazed tiles	ISO 10545 - 14	Class 5	
	Skid resistance. Average coefficient of friction (R10)	B.C.R.A. REP. CEC. 6/81 (NO LUX - NO SATIN)	0,40 ≤ μ ≤ 0,74	
		DIN 51130 (NO LUX - NO SATIN)	R10	
		DIN 51097 (NO LUX - NO SATIN)	Class B	
		DCOF	test in update	



Skid resistance. Average coefficient of friction (R11)

B.C.R.A. REP. CEC. 6/81 (NO LUX - NO SATIN)
DIN 51130 (NO LUX - NO SATIN)
DIN 51097 (NO LUX - NO SATIN)

$0,40 \leq \mu \leq 0,74$
R11
Class C
 $\mu > 0,42$ dry



test in update

TO BE MARBLE



Lenght and width
Lenght and width
Straightness of sides
Thickness
Rectangularity

ISO 10545 - 2
ISO 10545 - 2
ISO 10545 - 2
ISO 10545 - 2
ISO 10545 - 2

$\pm 0,3\% \pm 1,5$ mm
 $\pm 0,3\% \pm 1,5$ mm
 $\pm 0,3\% \text{ MAX } \pm 1,5$ mm
 $\pm 5\% \text{ MAX } \pm 0,5$ mm
 $\pm 0,3\% \pm 1,5$ mm



Shade variations

V3



Water absorption

ISO 10545 - 3

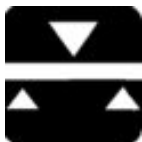
$E \leq 0,1\%$



Scratch hardness (MOHS scale)

EN 101

test in update



Moduls of rupture

ISO 10545 - 4

$S \geq 1300$ N



Breaking strength

ISO 10545 - 4

$R \geq 35$ N/mm²



Abrasion resistance

ISO 10545 - 6

test in update



Resistance to surface abrasion of glazed tiles

UNI EN ISO 10545-7

test in update



Linear thermal expansion coefficient

ISO 10545 - 8

Method available



Thermal shock resistance

ISO 10545 - 9

test in update



Frost resistance

ISO 10545 - 12

Frost proof



Resistance to chemical attack (except hydrofluoric acid)

ISO 10545 - 13

Class A - LA



Resistance to stains of glazed tiles

ISO 10545 - 14

Class 5



Skid resistance. Average coefficient of friction (R10)

B.C.R.A. REP. CEC. 6/81 (NO LUX -

$0,40 \leq \mu \leq 0,74$



NO SATIN)

R10



DIN 51130 (NO LUX - NO SATIN)

Class B



DIN 51097 (NO LUX - NO SATIN)

test in update

DCOF

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