

SOAP STONE



FEATURES

CER1E5 – TECHNICAL CHARACTERISTICS GLAZED PORCELAIN STONEWARE WITH COLOURED BODY

	PROPERTY PHYSICAL - CHEMICAL	TEST METHOD	AVERAGE VALUE
	Lenght and width	ISO 10545 - 2	$\pm 0,5\% \pm 2 \text{ mm}$
	Lenght and width	ISO 10545 - 2	$\pm 0,5\% \pm 2 \text{ mm}$
	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	$\pm 0,3\% \pm 1,5 \text{ mm}$
	Water absorption	ISO 10545 - 3	$E < 0,1\%$
	Scratch hardness (MOHS scale)	EN 101	MOHS > 6
	Moduls of rupture	ISO 10545 - 4	$R \geq 35 \text{ N/mm}^2$
	Breaking strength	ISO 10545 - 4	$S \geq 1300 \text{ N}$



Resistance to surface abrasion of glazed
tiles

ISO 10545 - 7

Class 3-4



Linear thermal expansion coefficient

ISO 10545 - 8

Method available



Thermal shock resistance

ISO 10545 - 9

Resistant



Frost resistance

ISO 10545 - 12

Frost proof



Resistance to chemical attack (except
hydrofluoric acid)

ISO 10545 - 13

Class A - HA - LA



Resistance to stains of glazed tiles

ISO 10545 - 14

Class 5



Skid resistance. Average coefficient of
friction

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

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

RETT - NO LUX)

R 10 - R11

DIN 51130 (NO SATIN-RETT - NO

R10: Classe B - R11:

LUX)

Classe C

DIN 51097 (NO SATIN-RETT - NO

 $\mu \geq 0,42$

LUX)

R10: Classe P3 - R11:

DCOF Acu Test

Classe P4

Pendulum Australiano AS 4586

PTV > 36 wet

Pendulum Britannico BS 7976

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