




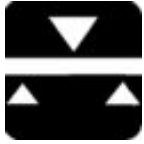
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FEATURES

CER1H1 – TECHNICAL CHARACTERISTICS FULL BODY PORCELAIN STONEWARE – ISO 13006 BLA UGL

	PROPERTY PHYSICAL - CHEMICAL	TEST METHOD	AVERAGE VALUE
	Lenght and width	ISO 10545 - 2	$\pm 0,5\% \pm 1,5 \text{ mm}$
	Lenght and width	ISO 10545 - 2	$\pm 0,5\% \pm 1,5 \text{ mm}$
	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	$\pm 0,3\% \pm 1,5 \text{ mm}$
	Water absorption	ISO 10545 - 3	$E \leq 0,1\%$
	Scratch hardness (MOHS scale)	EN 101	MOHS > 6



Moduls of rupture

ISO 10545 - 4

 $S \geq 1300 \text{ N}$

Breaking strength

ISO 10545 - 4

 $R \geq 35 \text{ N/mm}^2$

R11:

 $S \geq 5000 \text{ N}$ $R \geq 50 \text{ N/mm}^2$ 

Abrasion resistance

ISO 10545 - 6

 $\leq 175 \text{ mm}^3$ 

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	B.C.R.A. REP. CEC. 6/81 (no wax)	R10: $0,40 \leq \mu \leq 0,74$ R11:
friction	DIN 51130 \geq R 9 (no wax)	$\mu \geq 0,74$
	DIN 51097 (no wax)	R10 - R11
	DCOF Acu Test (no wax)	R10: Classe B R11:
		Classe C
		$\mu \geq 0,42$

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