






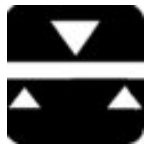
GRAVITY



FEATURES

CER748 – TECHNICAL CHARACTERISTICS GLAZED PORCELAIN STONEWARE WITH COLOURED BODY

	PROPERTY PHYSICAL - CHEMICAL	TEST METHOD	AVERAGE VALUE	
	Lenght and width	ISO 10545 - 2	$\pm 0,3\% \pm 2 \text{ mm}$	
	Lenght and width	ISO 10545 - 2	$\pm 0,3\% \pm 2 \text{ mm}$	
	Straightness of sides	ISO 10545 - 2	$\pm 0,3\% \text{ max } \pm 2 \text{ mm}$	
	Thickness	ISO 10545 - 2	$\pm 5\% \text{ max } \pm 0,5 \text{ mm}$	
	Rectangularity	ISO 10545 - 2	$\pm 0,3\% \pm 1,5 \text{ mm}$	
	Surface flatness	ISO 10545 - 2	$\pm 0,5\% \pm 2 \text{ mm}$	
		ASTM C 485 Warpage diagonal/edge	$\pm 0,4\%$	
	Shade variations		V 2	
	Water absorption	ISO 10545 - 3	$E < 0,1\%$	
	Scratch hardness (MOHS scale)	EN 101	test in update	



Modulus 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

ISO 10545 - 7

Class 5



tiles



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

ISO 10545 - 13

Class A - LA



hydrofluoric acid)



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 lapp)

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

friction (R10)

DIN 51130 (no lapp)

R 10



DIN 51097 (no lapp)

Class B



DCOF Acu Test (no lapp)

 $\mu \geq 0,50 \text{ dry}$ 

Skid resistance. Average coefficient of

B.C.R.A. REP. CEC. 6/81 (no lapp)

test in update

friction (R11)

DIN 51130 (no lapp)

test in update

DIN 51097 (no lapp)

test in update

DCOF Acu Test (no lapp)

test in update

CERCOM CERAMICHE
www.cercomceramiche.it



Show-room: Via A. Volta 23/25 - 42013 Casalgrande (RE) Italy

Headquarter: Via A. Volta 9,23/25 - 42013 Casalgrande (RE) Italy

Contatti commerciali: Tel. +39-0522-998411/911 - Fax Italy +39-0522-998910 - Fax Export +39-0522-996218

Contatti amministrazione-finanza: Tel. +39-0522-998411/911 - Fax Clienti +39-0522-999515 - Fax Fornitori +39-0522-996600 -

Fax Acquisti +39-0522-998474

Sede logistica deposito 5: Via Platone 9 - 42048 Rubiera (RE) Italy - Tel. +39-0522-622622

© Gruppo Romani S.p.A. Industrie Ceramiche

Via A. Volta 9-23/25 - 42013 Casalgrande (RE) Italy - Tel. +39-0522-998411/911 - Fax +39-0522-999515/996600

C.F. e P.IVA 03028130361 - Cap. Soc. € 4.100.000,00 i.v. - REA di RE n.260001 - Iscr. Reg. Impr. di RE n.

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