


























10,00 mm / FINE PORCELAIN STONEWARE

	Reference standard E.N. 14411-ISO 13006 . Appendix G. Group BIa. UGL	Test method	Reference value	Declared value
	Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions	ISO-10545-2	Squadrato ISO 13006 - $\pm 0,3\%$ (± 1 mm)	$\pm 0,15\%$
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	$\pm 5\%$ ($\pm 0,5$ mm)	$\pm 5\%$
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - $\pm 0,3\%$ ($\pm 0,8$ mm)	$\pm 0,1\%$
	Maximum right-angle deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - $\pm 0,3\%$ ($\pm 1,5$ mm)	$\pm 0,2\%$
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	Squadrato ISO 13006 - $\pm 0,4\%$ ($\pm 1,8$ mm)	$\pm 0,35\%$
	Surface quality	ISO-10545-2	Il 95% min delle piastrelle deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws / 95% min des carreaux ne doivent présenter aucun défaut visible / Mindestens 95% der Fliesen müssen frei von sichtbaren / min. el 95% de las baldosas tiene que estar exento de defectos visibles	CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET
	Amount of water absorbed, in percentage	ISO-10545-3	$E \leq 0,5\%$	average value 0,08%
	Bending strength in N/mm ²	ISO-10545-4	> 35 N/mm ²	average value 50 N/mm ²
	Breaking strength in N (thickness $\geq 7,5$ mm)	ISO-10545-4	≥ 1300 Newton	average value 3200 N
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	< 175 mm ³	average value 140 mm ³
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO-10545-12	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Resistance to high concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	UHA

	Resistance to low concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	ULA
	Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo	UA
	Resistance to high concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	UHA-UHB SOFT
	Resistance to low concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	ULA-ULB SOFT
	Resistance to staining	ISO-10545-14	-	Cl. 3-4
	Slip resistance with shoes	DIN-51130:2010	-	R9 SOFT
	Slip resistance with shoes	DIN-51130:2010	-	R10 MATTE
	Slip resistance with shoes	DIN-51130:2010	-	R11 BUSH-HAMMERED
	Barefoot slip resistance	DIN-51097	-	Cl. A+B MATTE
	Barefoot slip resistance	DIN-51097	-	Cl. A+B+C BUSH-HAMMERED
	Barefoot slip resistance	DIN-51097	-	Cl. A SOFT
	Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)	DCOF	>0,42 wet	>0,42 wet

Notes:

For optimal installation results, Florim recommends maintaining a joint of 2 mm 1/12" for single format installations and 3 mm 1/8" to combine mixed formats.
















Copyright © 2013 Florim S.p.A. SB a socio unico.
Sede Legale: Via Canaletto 24, 41042 Fiorano Modenese.
Reg. Imprese di Modena Nr. 01265320364.
Capitale Sociale i.v. Euro 50.000.000 P.I.C.F. 01265320364





FLORIM

Floor Gres / Industrial/

20,00 mm / FINE PORCELAIN STONEWARE

Reference standard E.N. 14411-ISO 13006 . Appendix G. Group BIa. UGL	Test method	Reference value	Declared value
---	-------------	-----------------	----------------

	Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions	ISO-10545-2	Squadrato ISO 13006 - $\pm 0,3\%$ (± 1 mm)	$\pm 0,15\%$
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	$\pm 5\%$ ($\pm 0,5$ mm)	$\pm 5\%$
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - $\pm 0,3\%$ ($\pm 0,8$ mm)	$\pm 0,1\%$
	Maximum right-angle deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - $\pm 0,3\%$ ($\pm 1,5$ mm)	$\pm 0,2\%$
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	Squadrato ISO 13006 - $\pm 0,4\%$ ($\pm 1,8$ mm)	$\pm 0,35\%$
	Surface quality	ISO-10545-2	Il 95% min delle piastrelle deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws / 95% min des carreaux ne doivent présenter aucun défaut visible / Mindestens 95% der Fliesen müssen frei von sichtbaren / min. el 95% de las baldosas tiene que estar exento de defectos visibles	CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET
	Amount of water absorbed, in percentage	ISO-10545-3	$E \leq 0,5\%$	average value 0,08%
	Breaking strength in N (thickness $\geq 7,5$ mm)	ISO-10545-4	≥ 1300 Newton	average value 14000 N
	Bending strength in N/mm ²	ISO-10545-4	> 35 N/mm ²	average value 52 N/mm ²
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	< 175 mm ³	average value 140 mm ³
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO-10545-12	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Resistance to high concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	UHA
	Resistance to low concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	ULA
	Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo	UA

	Resistance to staining	ISO-10545-14	-	Cl. 4
	Slip resistance with shoes	DIN-51130:2010	-	R11
	Barefoot slip resistance	DIN-51097	-	Cl. A+B+C
	Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)	DCOF	>0,42 wet	>0,42 wet

Notes:

For optimal installation results, Florim recommends maintaining a joint of 2 mm 1/12" for single format installations and 3 mm 1/8" to combine mixed formats.








Ceramic tiles undergo a compacting thermal treatment that ensures resistance and durability. The low level of water absorption makes the slabs frost resistant. This could result in superficial water stagnations even if materials are installed in a workmanlike manner.















Copyright © 2013 Florim S.p.A. SB a socio unico.
Sede Legale: Via Canaletto 24, 41042 Fiorano Modenese.
Reg. Imprese di Modena Nr. 01265320364.
Capitale Sociale i.v. Euro 50.000.000 PI/CF 01265320364



Floor Gres / Industrial/

6,00 mm / FINE PORCELAIN STONEWARE

	Reference standard E.N. 14411-ISO 13006 . Appendix G. Group Bia. UGL	Test method	Reference value	Declared value
	Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±0,3% (±1 mm)	± 0,15%
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	±5% (±0,5 mm)	± 5%
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±0,3% (±0,8 mm)	± 0,1%
	Maximum right-angle deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±0,3% (±1,5 mm)	± 0,2%
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	Squadrato ISO 13006 - ±0,4% (±1,8 mm)	± 0,2%
	Surface quality	ISO-10545-2	Il 95% min delle piastrelle deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws / 95% min des carreaux ne doivent présenter aucun défaut visible / Mindestens 95% der Fliesen müssen frei von sichtbaren / mín. el 95% de las baldosas tiene que estar exento de defectos visibles	CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET
	Amount of water absorbed, in percentage	ISO-10545-3	E≤0,5%	average value 0,08%

	Breaking strength in N (thickness < 7,5 mm)	ISO-10545-4	≥700 Newton	average value 1350 N *
	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	average value 52 N/mm2 *
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm3	average value 140 mm3
	Thermal shock resistance	ISO-10545-9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO-10545-12	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Resistance to high concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	UHA
	Resistance to low concentrations of acids and alkali	ISO-10545-13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	ULA
	Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo	UA
	Resistance to staining	ISO-10545-14	-	Cl. 4
	Slip resistance with shoes	DIN-51130:2010	-	R9 MATTE
	Slip resistance with shoes	DIN-51130:2010	-	R10 R+PTV
	Barefoot slip resistance	DIN-51097	-	Cl. A+B R+PTV
	Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)	DCOF	>0,42 wet	>0,42 wet
	Pendulum friction test	BS-7976	-	> 36 wet R+PTV



Release of hazardous substances

DM-1-2-2007-Reg-CE-1935-2004

Valore dichiarato per superfici gl con impieghi su piani di lavoro / Declared value for gl surfaces used on worktops / valeur déclarée Pour surfaces gl utilisées sur plans de travail / angegebener wert für Gl oberflächen zum gebrauch als arbeitsplatten / valor declarado Para acabados gl utilizados para superficies de trabajo / заявленное Значение для глазурованных поверхностей, с использованием на рабочих столах

CONFORME / CONFORMING /
CONFORME / KONFORM /
CONFORME / COOTBETCTBYET

Notes:

For optimal installation results, Florim recommends maintaining a joint of 2 mm 1/12" for single format installations and 3 mm 1/8" to combine mixed formats.

* Test performed on 80x80cm size

Copyright © 2013 Florim S.p.A. SB a socio unico.
Sede Legale: Via Canaletto 24, 41042 Fiorano Modenese.
Reg. Imprese di Modena Nr. 01265320364.
Capitale Sociale i.v. Euro 50.000.000 P.I.C.F. 01265320364