6 mm / Fine Porcelain Stoneware

	E.N. 14411-ISO 13006 . Appendix G. Group BIa. UGL	Test method	Reference value	Declared value
	Friction coefficient (slipperiness)	ANSI-A326.3	-	> 0,42 wet
	Pendulum friction test	BS-EN-16165-ANNEX-C	-	PTV > 36 wet slider 4S R+PTV
	Barefoot slip resistance	DIN-EN-16165-ANNEX-A	-	Cl. B R+PTV
	Slip resistance with shoes	DIN-EN-16165-ANNEX-B	-	R9 Matte
	Slip resistance with shoes	DIN-EN-16165-ANNEX-B	-	R10 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 / СООТВЕТСТВУЕТ
	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%
	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%
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±0,3% (±0,8 mm)	± 0,1%
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±5% (±0,5 mm)	± 5%
	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 / СООТВЕТСТВУЕТ

	Amount of water absorbed, in percentage	ISO-10545-3	E≤0,5%	average value 0,08%
	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	average value 52 N/mm2
	Breaking strength in N (thickness < 7,5 mm)	ISO-10545-4	≥700 Newton	average value 1350 N
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm3	average value 140 mm3
	Thermal shock resistance	ISO-10545-9	Metodo di prova disponibile / Available testing method / Méthode d'essai disponible / Verfügbare Prüfmethode / Método de ensayo disponible	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO-10545-12	Richiesta / Required / Requise / 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	HA
	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	LA
	Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	UB minimo / UB minimum / UB minimum / UB mindestens / UB mínimo	A
	Resistance to staining	ISO-10545-14	-	Cl. 4

Note:

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.

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9 mm / Fine Porcelain Stoneware

	E.N. 14411-ISO 13006 . Appendix G. Group BIa. UGL	Test method	Reference value	Declared value
	Friction coefficient (slipperiness)	ANSI-A326.3	-	> 0,42 wet
	Barefoot slip resistance	DIN-EN-16165-ANNEX-A	-	Cl. C Grip
	Barefoot slip resistance	DIN-EN-16165-ANNEX-A	-	Cl. B Matte
	Barefoot slip resistance	DIN-EN-16165-ANNEX-A	-	Cl. A Matte Soft
	Slip resistance with shoes	DIN-EN-16165-ANNEX-B	-	R9 Matte Soft
	Slip resistance with shoes	DIN-EN-16165-ANNEX-B	-	R10 Matte
	Slip resistance with shoes	DIN-EN-16165-ANNEX-B	-	R11 Grip
	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%
	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)	± 0,35%
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±0,3% (±0,8 mm)	± 0,1%
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±5% (±0,5 mm)	± 5%
	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 / СООТВЕТСТВУЕТ
	Amount of water absorbed, in percentage	ISO-10545-3	E≤0,5%	average value 0,08%

	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	average value 50 N/mm2
	Breaking strength in N (thickness >= 7,5 mm)	ISO-10545-4	≥1300 Newton	average value 2200 N
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm3	average value 140 mm3
	Thermal shock resistance	ISO-10545-9	Metodo di prova disponibile / Available testing method / Méthode d'essai disponible / Verfügbare Prüfmethode / Método de ensayo disponible	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO-10545-12	Richiesta / Required / Requise / 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	HA
	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	HB Matte 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	LA-LB Matte 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	LA
	Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo	A
	Resistance to staining	ISO-10545-14	-	Cl. 3-4

Note:

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20 mm / Fine Porcelain Stoneware

	E.N. 14411-ISO 13006 . Appendix G. Group BIa. UGL	Test method	Reference value	Declared value
	Friction coefficient (slipperiness)	ANSI-A326.3	-	>0,42 wet
	Pendulum friction test	BS-EN-16165-ANNEX-C	-	PTV > 36 wet slider 4S
	Barefoot slip resistance	DIN-EN-16165-ANNEX-A	-	24° ≤ α Cl. C
	Slip resistance with shoes	DIN-EN-16165-ANNEX-B	-	19° < α ≤ 27° R11
	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%
	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)	± 0,35%
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±0,3% (±0,8 mm)	± 0,1%
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	Squadrato ISO 13006 - ±5% (±0,5 mm)	± 5%
	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 / СООТВЕТСТВУЕТ
	Amount of water absorbed, in percentage	ISO-10545-3	E≤0,5%	average value 0,08%
	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2	average value 52 N/mm2
	Breaking strength in N (thickness >= 7,5 mm)	ISO-10545-4	≥1300 Newton	CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / СООТВЕТСТВУЕТ
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm3	average value 140 mm3

				
	Thermal shock resistance	ISO-10545-9	Metodo di prova disponibile / Available testing method / Méthode d’essai disponible / Verfügbare Prüfmethode / Método de ensayo disponible	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO-10545-12	Richiesta / Required / Requise / 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	HA
	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	LA
	Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	B minimo / B minimum / B minimum / B mindestens / B mínimo	A
	Resistance to staining	ISO-10545-14	Metodo di prova disponibile / Available testing method / Méthode d’essai disponible / Verfügbare Prüfmethode / Método de ensayo disponible	Cl. 4

Note:

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.

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