



















# TECHNICAL DATA

## 6,00 mm / PORCELAIN TILE WITH GLASS FIBRE MAT BACKING

	Test method	Reference value	Declared value
	Frost resistance	ISO-10545-12	Richiesta / Required / Requisite / Gefordert / Requerida
			RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	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 MATTE
	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
			ULB GLOSSY
	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. 5 MATTE
	Resistance to staining	ISO-10545-14	-
			Cl. 3-4 GLOSSY
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO-10545-2	±5% (±0,5 mm)
			± 5%
	Flatness (centre curvature / edge curvature / warpage)	ISO-10545-2	±0,5% (±2mm)
			± 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<0,5%
			average value 0,08%
	Breaking strength in N (thickness < 7,5 mm)	ISO-10545-4	≥700 Newton
			average value 1556 N*
	Bending strength in N/mm2	ISO-10545-4	>35 N/mm2
			average value 54,5 N/mm2*
	Resistance to deep abrasion of unglazed tiles	ISO-10545-6	<175 mm3
			average value 140 mm3
	Compression strength	ASTM-C170M-16	Carico di rottura a compressione su campioni di misura 12x12x12 mm / Breaking load on 12x12x12 mm samples / Charge de rupture à la compression sur des échantillons de dimensions 12x12x12 mm / Zugfestigkeit bei Druck auf Mustern mit den Abmessungen 12x12x12 mm / Carga de rotura por compresión en muestras de 12 x 12 x 12 mm. / Разрушающая нагрузка при сжатии образцов размером 12x12x12 мм.
			Tensione a rottura 527,9 Mpa deformazione campioni 0,86mm / Tensile strength 527,9 Mpa sample deformation 0,86 mm. / Tension à la rupture 527,9 Mpa déformation échantillons 0,86 mm. / Bruchspannung 527,9 MPa / Verformung der Muster 0,86 mm. / Tensión de rotura 527,9 Mpa, deformación muestras 0,86 mm. / Разрушающее напряжение 527,9 МПа, деформация образцов 0,86 мм.
	Fungal resistance	ASTM-G-21-15	Contacto per 28 giorni con diversi ceppi fungini / Contact for 28 days with a variety of fungal strains / Contact pendant 28 jours avec différentes souches fongiques / 28 Tage Kontakt mit verschiedenen Pilzarten / Contacto durante 28 días con diferentes cepas de hongos / Контакт с разными видами грибов в течение 28 дней.
			Nessuna crescita fungina in superficie / No growth on the surface / Aucun développement fongique en surface / Kein Pilzwachstum auf der Oberfläche / Ningún crecimiento de hongos en la superficie / Полное отсутствие роста грибов на поверхности
	Colours resistance to fading	DIN-51094	-
			CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET
	SRI - Solar reflectance index	In-house test method	Illuminante D65 / Illuminant D65 / Illuminant D65 / Leuchtkörper D65 / Iluminante D65/ Источник света D65- Iluminante A / Illuminant A / Illuminant A / Leuchtkörper A / Iluminante A / Источник света A - Spettrrofotometro a 10°/ Spectrophotometer at 10°/ Spectrophotomètre à 10° Spektralphotometer bei 10°/ Espectrofotómetro a 10 °C / Спектрофотометр под углом 10°
			available on request
	Moisture expansion	ISO-10545-10	Valore dichiarato/ Declared value / Valeur déclarée / Erklärter Wert / Valor declarado / Заявленное значение
			0,01 %
	Determinazione della cessione di piombo e cadmio	ISO-10545-15	-
			ASSENTE / ABSENT / ABSENT / ABWESEND / AUSENTE / несуществующее
	Tendency ro retain dirt	UNI-9300:2015	Macchiante Nero carbone / Carbon black staining agent / Tachant noir carbone / Färbemittel kohlen schwarz / Manchador: negro carbón / Пачкающее вещество - угольная сажа
			No visible change
	Contact with food	UNI-EN-1186:2003	Contacto con diversi solventi per 2 ore a 40° / Contact with solvents for 2 hours at 40° / Contact avec différents solvants pendant 2 heures à 40° / 2 Stunden langer Kontakt mit verschiedenen Lösungsmitteln bei 40° / Contacto con diferentes solventes durante 2 horas a 40 °C / Контакт с разными растворителями в течение 2 часов при 40°
			available on request
	Resistance to cold liquids	UNI-EN-12720:2013	tempi di contatto da 10 s a 24h / Period of contact 10s to 24 h / Temps de contact de 10 s à 24 h / Kontaktzeit von 10 s bis 24 h / Tiempos de contacto de 10 s a 24 h / Время воздействия от 10 с до 24 ч.
			CEN TS 16209 Cl. B
	Resistance to damp heat	UNI-EN-12721:2013	cicli da 55° a 100° / 55° to 100° cycles / Cycles de 55° à 100° / Zyklen von 55° bis 100° / Ciclos de 55 °C a 100 °C / Циклы от 55° до 100°.
			No visible change CEN TS 16209 Cl. A
	Resistance to dry heat	UNI-EN-12722:2013	cicli da 55° a 180° / 55° to 180° cycles / Cycles de 55° à 180° / Zyklen von 55° bis 180° / Ciclos de 55 °C a 180 °C / Циклы от 55° до 180°
			No visible change CEN TS 16209 Cl. A
	Reaction-to-fire performance	UNI-EN-13501-1	-
			Cl. BFI-s1,d0
	Scratch resistance	UNI-EN-15186:2012-MET.B	Carico > 10N / Load > 10N / Charge > 10 N / Belastung > 10N / Carga > 10 N / Нарпузка > 10H
			Cl. A MATTE
	Coefficient of restitution	ISO-10545-5	-
			average value 0,88 - no surface damage
	Thermal shock resistance	ISO-10545-9	-
			RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Impact resistance	ISO 14617-9	
			average value 3,16 J
	Volatile organic compound emission tests	UNI-EN-ISO-16000-9	28 giorni di condizionamento / 28 days of conditioning / 28 jours de conditionnement / 28 Tage Aufbereitung / 28 días de acondicionamiento / 28 дней кондиционирования.
			Cl. A+
	Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)	DCOF	>0,42 wet
			MATTE

### Notes:

Length and width, orthogonality and straightness are not applicable since the material is NOT rectified

\*Measurement made on 60x60cm size