

THIN PORCELAIN

					INTERNO - INDOORS								ESTERNO - OUTDOORS			
PRODOTTO Product	LATTICE Latex	CLASSIFICAZIONE Classification			PAVIMENTO - Floors					MURI - Walls				PAVIMENTO - Floors		MURI - Walls
					MASSETTO IN CEMENTO E IN CALCESTRUZZO Cement and concrete screeds	MASSETTI IN ANIDRITE Anhydrite screeds	MASSETTI RISCALDANTI Heated screeds	VECCHIE CERAMICHE, MARMETTE O MATERIALE LAPIDEO Old ceramics, marble-chip floor tiles or stone material	PAVIMETI IN PVC, LINOLEUM O VINILICI PVC, Linoleum or vinyl flooring	INTONACO CEMENTIZIO, CALCESTRUZZO Cement plaster, concrete	INTONACO IN GESSO Gypsum plaster	CARTONGESSO PANNELLI IN FIBROCEMENTO Plasterboard Fiber cement panels	VECCHIE CERAMICHE Old ceramic	MASSETTO CEMENTIZIO CALCESTRUZZO Cement screed Concrete	VECCHIE CERAMICHE, MARMETTE O MATERIALE LAPIDEO Old ceramics, marble-chip floor tiles or stone material	INTONACO CEMENTIZIO, CALCESTRUZZO Cement plaster concrete
		EN 12004	EN 12002	CM ²					CM ²				CM ²		CM ²	
TECHNOS +	TC - LAX	C2	-	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNOS +	TC LASTIC	C2	-	S2	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNO - XL	TC - LAX	C2	TE	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNO - XL	TC LASTIC	C2	T	S2	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNOLA	TC - LAX	C2	TE	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNOLA	TC LASTIC	C2	TE	S2	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNODUE	-	C2	TE	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
TECHNORAP 2	-	C2	FT	S1	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	-	IDONEO <i>Suitable</i>
ALL 9000	-	C2	T	-	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable*</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>	IDONEO <i>Suitable</i>
TECHNOSTAR/HD	-	C2	TE	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
AIR-ONE	-	C2	TE	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
AIRES	-	C2	TE	S2	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
TECHNOMAX S1	-	C2	E (G)	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	-	-	-	-	≤ 5000	-	-

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PROPRIETÀ FISICO-CHIMICHE PHYSICAL-CHEMICAL PROPERTIES	TIPO DI PROVA STANDARD OF TEST	VALORE PRESCRITTO REQUIRED VALUE					
 Dimensioni Sizes	ISO 10545.2	Lunghezza e larghezza Length and width Spessore Thickness Rettilineità spigoli Linearity Ortogonalità Wedging Pianarità Warpage	± 0,6% max ± 5% max ± 0,5% max ± 0,6% max ± 0,5% max	± 0,5 mm ± 5% ± 0,5 mm ± 0,1% ± 0,2%	ASTM C-499	Average facial dimension < 1,5% Wedging ±1% - Warpage ±1% of any edge Range of thickness (inch.) < 0,04%	0,15% 0,014% - 0,33% 0,17%
 Assorbimento d'acqua Water absorption	ISO 10545.3		≤ 0,5%	≥ 0,06% *	ASTM C-373	Tile shall be impervious	< 0,05%
 Resistenza alla flessione Flexion resistance	ISO 10545.4	Modulo di rottura Breaking Modulus	≥ 35 N/mm ²	53 N/mm ²			
 Resistenza all'abrasione profonda Deep abrasion resistance	ISO 10545.6		Volume ≤ 175 mm ³	≤ 142 mm ³	ASTM C-501	≥ 100	217
 Coefficiente di dilatazione termica lineare Coefficient of linear thermal-expansion	ISO 10545.8		≤ 9x10 ⁻⁶ °C ⁻¹	6 MK ⁻¹	ASTM C-1028		Meets or exceeds requirements (Please ask for individual test reports)
 Resistenza al gelo Frost resistance	ISO 10545.12	Non devono presentare rotture o alterazioni apprezzabili della superficie Must not produce noticeable alteration to surface		Non gelive Frost-proof	ASTM C-1026	No sample must show alterations to surface	Resistant
 Resistenza ai prodotti chimici Chemical resistance	ISO 10545.13	Non devono presentare apprezzabili segni d'attacco Chimico Must not produce noticeable signs of chemical attack		Non attaccate Not attacked	ASTM C-650 ASTM C-648	To 10% HCL Acid - No sample must show visible signs of chemical attack to 10% KOH Alkali 250 PSI or greater	Unaffected
 Resistenza alle macchie Stain resistance	ISO 10545.14		1 < X < 5	CLASSE 5 - CLASS 5 ** Macchie rimosse con acqua corrente calda (senza detergente) Stains removed by hot running water (without detergent)			
 Resistenza dei colori alla luce Color resistance to light	DIN 51094	Non devono presentare apprezzabili variazioni di colore Must not produce noticeable colour variation		Campioni inalterati in brillantezza e colore No change in brightness or colour of samples			
 Coefficiente di attrito (scivolosità) Friction coefficient (slipperiness)	DIN 51130	Metodo disponibile Test method available		R9 Superficie prelucidata Pre-polished surface			
 Coefficiente di attrito (scivolosità) Friction coefficient (slipperiness)	BCRA REP CEC 6/81	Attrito soddisfacente Satisfactory friction 0,40 ≤ μ ≤ 0,74		>0,40 Superficie prelucidata Pre-polished surface			
 Resistenza al fuoco Fire resistance			96/603/CE	A1			

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CARATTERISTICHE TECNICHE ARREDAMENTO-FURNITURE TECHNICAL FEATURES

CARATTERISTICA TECNICA TECHNICAL FEATURE	NORMA O METODO DI MISURA STANDARD OR MEASUREMENT METHOD	VALORE PRESCRITTO DALLE NORME VALUE LAID DOWN BY STANDARDS	VALORE PRESCRITTO DALLE NORME VALUE LAID DOWN BY STANDARDS
 Resistenza superfici al calore umido Surface resistance to wet heat	UNI EN 12721:2013	5 – Nessun cambiamento 5 – No change	5 – Nessun cambiamento riscontrato 5 – No change found
 Resistenza superfici al calore secco Surface resistance to dry heat	UNI EN 12722:2013	5 – Nessun cambiamento 5 – No change	5 – Nessun cambiamento riscontrato 5 – No change found
 Resistenza superfici ai liquidi freddi Surface resistance to cold liquids	UNI EN 12720:2013	5 – Nessun cambiamento 5 – No change	5 – Nessun cambiamento riscontrato 5 – No change found
 Determinazione della tendenza delle superfici a ritenere lo sporco Determination of the tendency of the surface to retain dirt	UNI 9300:1988 + A276:1989	5 – Nessun cambiamento 5 – No change	5 – Nessun cambiamento visibile 5 – No visible change
 Resistenza delle superfici agli sbalzi di temperatura Surface resistance to thermal shock	UNI 9429:1989	5 – Nessun difetto dopo 15 CICLI Length and width	5 – Nessun difetto 5 – No defect
 Determinazione della migrazione globale Determination of overall migration	DM 21/03/1973	Conforme al DM 21/03/1973 Must not produce noticeable alteration to surface	Conforme Compliant
 Resistenza delle superfici ai prodotti di pulizia Surface resistance to cleaning products	PROC. INT. 006/2014	Nessun cambiamento Must not produce noticeable signs of chemical attack	Nessun cambiamento riscontrato No change found