

Linoleum

TECHNICAL DATA

CERTIFICATION & CLASSIFICATION	STANDARDS	Veneto xf ² [™] 2 mm	Veneto xf ² [™] , Style Emme xf ² [™] , Style Elle xf ² [™] , Etrusco xf ² [™] , Trentino xf ² [™] , Originale xf ² [™] 2.5 mm	Linoleum xf ² [™] Bfl 2.5 mm	Originale Essenza, Veneto Essenza 2.5 mm
Type of floor covering	ISO 24011 (EN 548)	One single layer calendered linoleum on jute backing			
	EN 686	-	-	-	-
	EN 687	-	-	-	-
CE certification	EN 14041	Yes	Yes	Yes	Yes
Classification	EN ISO 10874: Domestic/ Commercial/Light industrial	Classes: 23/32/41	Classes: 23/34/43	Classes: 23/34/43	Classes: 23/34/43
TECHNICAL CHARACTERISTICS		STANDARDS			
Surface treatment		xf ² [™]	xf ² [™]	xf ² [™]	Essenza
Total thickness	EN ISO 24346	2.0 mm	2.5 mm	2.5 mm	2.5 mm
Total weight	EN ISO 23997	ca. 2 400 g/m ²	ca. 3 000 g/m ²	ca. 3 200 g/m ²	ca. 3 000 g/m ²
Residual indentation	EN ISO 24343-1 Standard requirements Best measured value	≤ 0.15 mm ca. 0.07 mm	≤ 0.15 mm ca. 0.08 mm	≤ 0.15 mm ca. 0.08 mm	≤ 0.15 mm ca. 0.08 mm
Flexibility	EN ISO 24344 Method A	≤ 25 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø
Form of delivery	EN ISO 24341	≤ 32 x 2 m	≤ 32 x 2 m	≤ 16 x 2 m	≤ 32 x 2 m
TECHNICAL PERFORMANCES		STANDARDS			
Fire classification	EN 13501-1	Cfl-s1	Cfl-s1	Bfl-s1	Cfl-s1
Fire effluent toxicity	ISO 5659-2 (evaluation according to EN 45545-2 Annex C)	-	-	-	-
Impact sound reduction	EN ISO 10140-3 /EN ISO 717-2	5 dB	6 dB	5 dB	6 dB
Impact sound in the room	NF S31-074	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB
Impact sound reduction with Elafono*	EN ISO 10140-3 EN ISO 717-2	14 dB	14 dB	14 dB	14 dB
Castor chair	EN ISO 4918	Suitable for office chairs with castors type W (Norm EN 12529)			
Static electrical propensity	EN 1815	< 2 kV	< 2 kV	< 2 kV	< 2 kV
	EN 1081	-	-	-	-
Electrical resistance	ESD-approval SP method 2472 EN/IEC 61340-4-1	-	-	-	-
Impact resistance	EN 259-2	-	-	-	-
Slip resistance	EN 13893 DIN 51130	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9
Chemical resistance	EN ISO 26987	Resistant to dilute acids, oils, facts, current solvents and alkalis			
Thermal resistance Underfloor heating	EN ISO 10456	0.012 m ² K/W Suitable	0.015 m ² K/W Suitable	0.015 m ² K/W Suitable	0.015 m ² K/W Suitable
Light fastness	EN ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6
Presence of phthalate compounds	CEN ISO/TS 16181	Phthalate free	Phthalate free	Phthalate free	Phthalate free
Odor test requirement of emission class M1	EN ISO 16000-28 i.A., VDI 4302	Meets requirement	Meets requirement	Meets requirement	Meets requirement
Spongeability, washability and extra washability	EN 12956 EN 233	-	-	-	-
Determination of antibacterial activity	ISO 22196	Naturally bactericidal (Bacteria mix - EColi and MRSA)			
Colours		19	60 (Veneto) / 13 (Style Emme) / 8 (Style Elle) / 16 (Etrusco) / 10 (Trentino) ON REQUEST: 3 (Originale Vegetale) / 3 (Originale Minerale)	ON REQUEST: 60 (Veneto Bfl) / 13 (Style Emme Bfl) / 8 (Style Elle Bfl) / 16 (Etrusco Bfl) / 10 (Trentino Bfl)	29 (Veneto) / 3 (Originale Vegetale) / 3 (Originale Minerale)

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Veneto Sicuro xf ² ™ R10 2.5 mm	Linoleum Conductive xf ² ™ 2.5 mm	Linoleum SD Static Dissipative xf ² ™ 2.5 mm	Veneto xf ² ™ 3.2 mm	Silencio xf ² ™ 3.8 mm - 19 dB	Veneto Acoustic Cork xf ² ™ 4.4 mm - 15 dB	LinoWall 2 mm
One single layer calendered linoleum on jute backing	Conductive linoleum flooring	Static Dissipative linoleum flooring	One single layer calendered linoleum on jute backing	-	-	Approved linoleum for walls application
-	-	-	-	Linoleum on a foam backing		-
-	-	-	-	-	Linoleum on a corkment backing	
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Classes: 23/34/43	Classes: 23/34/43	Classes: 23/34/43	Classes: 23/34/43	Classes: 23/33/41	Classes: 23/34/42	-
xf ² ™	xf ² ™	xf ² ™	xf ² ™	xf ² ™	xf ² ™	xf ² ™
2.5 mm	2.5 mm	2.5 mm	3.2 mm	3.8 mm	4.4 mm	2.0 mm
ca. 3 000 g/m ²	ca. 3 000 g/m ²	ca. 3 000 g/m ²	ca. 3 900 g/m ²	ca. 3 450 g/m ²	ca. 4 600 g/m ²	ca. 2 900 g/m ²
≤ 0.15 mm ca. 0.08 mm	≤ 0.15 mm ca. 0.08 mm	≤ 0.15 mm ca. 0.08 mm	≤ 0.15 mm ca. 0.10 mm	≤ 0.30 mm ca. 0.20 mm	≤ 0.40 mm ca. 0.25 mm	-
≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 40 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	-
≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m or ≤ 32 x 1.95 m (subject to availability-please check upon order)		≤ 16 x 2 m / on demand cut at 1 m
Cfl-s1	Bfl-s1	Cfl-s1	Cfl-s1	Cfl-s1	Cfl-s1	B-s2 d0
-	-	-	-	-	-	CITg(4min.) = 0,06 and CITg(8min.) = 0,09 testing with irradiance of 50 KW/m ² without pilot flame
6 dB	6 dB	6 dB	8 dB	19 dB	15 dB	-
Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class B < 75 dB	Class A < 65 dB	Class B < 75 dB	-
14 dB	Not applicable	Not applicable	15 dB	Not applicable	Not applicable	-
Suitable for office chairs with castors type W (Norm EN 12529)						
< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV
-	R1 ≤ 10 ⁶ Ω	R1 ≤ 10 ⁶ Ω	-	-	-	-
-	R2 ≤ 10 ⁶ Ω	R2 ≤ 10 ⁶ Ω	-	-	-	-
-	R ≤ 10 ⁶ Ω	1x10 ⁶ < R < 1x10 ⁹ Ω	-	-	-	-
-	R ≤ 10 ⁹ Ω	R ≤ 10 ⁹ Ω	-	-	-	-
-	-	-	-	-	-	Resistant to impacts
DS: ≥ 0.30 R10	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	-
Resistant to dilute acids, oils, facts, current solvents and alkalis						
0.015 m ² K/W Suitable	0.015 m ² K/W Suitable	0.015 m ² K/W Suitable	0.019 m ² K/W Suitable	0.042 m ² K/W Suitable	0.045 m ² K/W Suitable	0.018 m ² K/W -
≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Phthalate free	Phthalate free	Phthalate free	Phthalate free	Phthalate free	Phthalate free	Phthalate free
Meets requirement	Meets requirement	Meets requirement	Meets requirement	Meets requirement	Meets requirement	Meets requirement
-	-	-	-	-	-	Extra washable
Naturally bactericidal (Bacteria mix - EColi and MRSA)						
ON REQUEST: 60 (Veneto)	16	3	9	27 (Veneto) / 8 (Style Emme) / 1 (Style Elle) / 3 (Etrusco) ON REQUEST: 10 (Trentino)	ON REQUEST: 60 (Veneto)	6

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Acoustic Cork	93% 77% Natural Renewable	100% 93% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
Etrusco	93% 77% Natural Renewable	100% 94% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
SD (Static Dissipative)	98% 58% Natural Renewable	100% 18% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
Trentino	94% 76% Natural Renewable	100% 36% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS

Conductive	96% 58% Natural Renewable	100% 18% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
LinoWall			PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
Silencio	83% 65% Natural Renewable	100% 40% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
Veneto	94% 76% Natural Renewable	100% 36% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS

Elafono (underlayer)	100% 85% Natural Renewable	100% 34% Recyclable Recycled content	PHTHALATE FREE	≤100 µg/m ³ Better Indoor Air Quality *TVOC AT 28 DAYS
Originale	99% 80% Natural Renewable	100% 30% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
Style	96% 74% Natural Renewable	100% 30% Recyclable Recycled content	PHTHALATE FREE	≤10 µg/m ³ Optimal Indoor Air Quality *TVOC AT 28 DAYS

The above information is subject to modification for the benefit of further improvement. November 2020

DISCLAIMER: Although the utmost care is taken, the data here given could differ and be subject to modifications from a technical point of view.

In its strive to improve its floor solutions, Tarkett reserves the right to modify its technical specifications, colours and materials at any moment and without prior notice. Please, check the effective availability of the products presented at the time of order. Due to the technical limits of reproduction and printing techniques used, the appearance (colour) of the product may vary from the samples, panels or other visual display materials exhibited to the customer. It is mandatory to have the products installed properly if they are to service correctly and safely. Refer to Tarkett technical installation and maintenance directions, available at www.tarkett.com or at your Tarkett dealer.

•**Elafono** : 2,0mm traditional, 100% natural corkment underlay to be installed in combination with any compact Tarkett linoleum to get additional sound reduction (up to 15dB, depending on the product). Available in rolls ≤32 x 2m.

SUSTAINABILITY

Tarkett was the first linoleum flooring manufacturer to be Cradle to Cradle™ certified - underlining our strong commitment to sustainability.

Product certifications



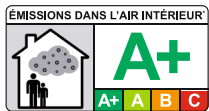
Originale Essenza and Veneto Essenza 100% linen



All our linoleum ranges (except SD Static Dissipative xf2™ and Linoleum Conductive xf2™ ranges)

— Depending on colours —

International certifications



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Factory certifications



All our linoleum products are eligible for LEED v4 credits. For more information: <http://www.c2ccertified.org/products/registry>

