

# TECHNICAL DATA

CERTIFICATION & CLASSIFICATION	STANDARDS	Veneto x <sup>FTM</sup> 2 mm	Veneto x <sup>FTM</sup> Style Emme x <sup>FTM</sup> Style Elle x <sup>FTM</sup> Trentino x <sup>FTM</sup> 2.5 mm	Linoleum x <sup>FTM</sup> Bfl 2.5 mm	Originale Essenza Veneto Essenza 2.5mm	Veneto Sicuro x <sup>FTM</sup> R10 2.5 mm	Etrusco x <sup>FTM</sup> 2.5 mm	Linoleum Conductive x <sup>FTM</sup> 2.5 mm	Linoleum SD Static Dissipative x <sup>FTM</sup> 2.5 mm	Veneto x <sup>FTM</sup> 3.2 mm
Type of floor covering	ISO 24011 (EN 548)	One single layer calendared linoleum on jute backing.								
CE certification	EN 14041	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Classification	EN ISO 10874	Classes: Domestic Commercial Light industrial	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43
TECHNICAL CHARACTERISTICS		STANDARDS								
Surface treatment		x <sup>FTM</sup>	x <sup>FTM</sup>	x <sup>FTM</sup>	Essenza	x <sup>FTM</sup>	x <sup>FTM</sup>	x <sup>FTM</sup>	x <sup>FTM</sup>	x <sup>FTM</sup>
Total thickness	EN ISO 24346	2.0 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm	3.2 mm
Total weight	EN ISO 23997	ca. 2 400 g/m <sup>2</sup>	ca. 3 000 g/m <sup>2</sup>	ca. 3 200 g/m <sup>2</sup>	ca. 3 000 g/m <sup>2</sup>	ca. 3 000 g/m <sup>2</sup>	ca. 3 000 g/m <sup>2</sup>	ca. 3 000 g/m <sup>2</sup>	ca. 3 000 g/m <sup>2</sup>	ca. 3 900 g/m <sup>2</sup>
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	≤ 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. 0.08 mm	≤ 0.15 mm ca. 0.10 mm
Flexibility	EN ISO 24344 Method A	≤ 25 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 40 mm Ø
Form of delivery	EN ISO 24341	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m
TECHNICAL PERFORMANCES		STANDARDS								
Fire classification	EN 13501-1	Cfl s1	Cfl s1	Bfl s1	Cfl s1	Cfl s1	Cfl s1	Cfl s1	Cfl 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	6 dB	6 dB	6 dB	6 dB	6 dB	6 dB	8 dB
Impact sound in the room	NF 531-074	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class B < 75 dB
Impact sound reduction with Elafono*	EN ISO 10140-3 EN ISO 717-2	14 dB	14 dB	14 dB	14 dB	14 dB	14 dB	Not applicable	Not applicable	15 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	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV
Electrical resistance	EN 1081 ESD-approval SP method 2472 EN/IEC 61340-4-	-	-	-	-	-	-	R1 ≤ 10 <sup>9</sup> Ω R2 ≤ 10 <sup>9</sup> Ω R ≤ 10 <sup>9</sup> Ω R ≤ 10 <sup>9</sup> Ω	R1 ≤ 10 <sup>9</sup> Ω R2 ≤ 10 <sup>9</sup> Ω 1x10 <sup>9</sup> < R < 1x10 <sup>9</sup> Ω R ≤ 10 <sup>9</sup> Ω	-
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	DS: ≥ 0.30 R9	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 <sup>2</sup> K/W Suitable	0.015 m <sup>2</sup> K/W Suitable	0.015 m <sup>2</sup> K/W Suitable	0.015 m <sup>2</sup> K/W Suitable	0.015 m <sup>2</sup> K/W Suitable	0.015 m <sup>2</sup> K/W Suitable	0.015 m <sup>2</sup> K/W Suitable	0.015 m <sup>2</sup> K/W Suitable	0.019 m <sup>2</sup> K/W Suitable
Light fastness	EN ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Presence of phthalate compounds	CEN ISO/TS 16181	-	-	-	-	-	-	-	-	-
Odor test requirement of emission class M1	EN ISO 16000-28 i.A., VDI 4302	-	-	-	-	-	-	-	-	-
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) 7 (Style Elle) 10 (Trentino)	ON REQUEST: 60 (Veneto BR) 13 (Style Emme BR) 7 (Style Elle BR) 16 (Etrusco BR) 10 (Trentino BR)	29 (Veneto) 3 (Originale Vegetale) 3 (Originale Minerale)	ON REQUEST: 60 (Veneto)	16	1	3	9

Silencio x <sup>FTM</sup> 3.8 mm	Veneto Acoustic Cork x <sup>FTM</sup> 4,4 mm	LinoWall x <sup>FTM</sup> 2 mm
-	-	Approved linoleum for walls application
Linoleum on a foam backing	-	-
-	Linoleum on a cork backing	-
Yes	Yes	EN 15102
Classes: 23 33 41	Classes: 23 34 42	Classes: -
x <sup>FTM</sup>	x <sup>FTM</sup>	x <sup>FTM</sup>
3.8 mm	4.4 mm	2.0 mm
ca. 3 450 g/m <sup>2</sup>	ca. 4 600 g/m <sup>2</sup>	ca. 2 900 g/m <sup>2</sup>
≤ 0.30 mm ca. 0.20 mm	≤ 0.40 mm ca. 0.25 mm	-
≤ 30 mm Ø	≤ 30 mm Ø	-
≤ 32 x 2 m or ≤ 32 x 1.95 m (subject to availability-please check upon order)	-	≤ 16 x 2 m
Cfl s1	Cfl s1	Bs2 d0
-	-	CTI <sub>g</sub> (4min.) = 0,06 and CTI <sub>g</sub> (8min.) = 0,09, testing with irradiance of 50 kW/m <sup>2</sup> without pilot flame
18 dB	15 dB	-
Class A < 65 dB	Class B < 75 dB	-
Not applicable	Not applicable	-
< 2 kV	< 2 kV	< 2 kV
-	-	-
-	-	Resistant to impacts
DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	-
0.042 m <sup>2</sup> K/W Suitable	0.045 m <sup>2</sup> K/W Suitable	0.018 m <sup>2</sup> K/W Suitable
≥ 6	≥ 6	≥ 6
-	-	Phthalate free
-	-	Meets requirement
-	-	Extra washable
27 (Veneto) 8 (Style Emme) 1 (Style Elle) 3 (Etrusco) ON REQUEST: 10 (Trentino)	ON REQUEST: 60 (Veneto)	6



The above information is subject to modification for the benefit of further improvement. (02/17).

**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](http://www.tarkett.com) or at your Tarkett dealer.  
\*Elafono : 2,0mm traditional, 100% natural cork 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 s32 x 2m.

CUSTOMS TARIFF : 48205000000F

## SUSTAINABILITY

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

### Product certifications



Originale and Veneto Essenza 100% linen  
All our linoleum ranges (except Silencio 18dB Linoleum, SD Static Dissipative x<sup>FTM</sup> and Linoleum Conductive x<sup>FTM</sup> ranges)  
Silencio 18dB

### International certifications



\*Information sur le niveau d'émission de substances volatiles dans l'air extérieur, 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>