

# TECHNICAL DATA

CERTIFICATION & CLASSIFICATION	STANDARDS	Veneto xf <sup>2™</sup> 2 mm	Veneto xf <sup>2™</sup> Style Emme xf <sup>2™</sup> Style Elle xf <sup>2™</sup> Trentino xf <sup>2™</sup> Originale xf <sup>2™</sup> 2.5 mm	Linoleum xf <sup>2™</sup> B <sub>a</sub> 2.5 mm	Originale Essenza Veneto Essenza 2.5mm	Veneto Sicuro xf <sup>2™</sup> R10 2.5 mm
	ISO 24011 (EN 548)	One single layer calendared linoleum on jute backing.				
<b>Type of floor covering</b>	EN 686	-	-	-	-	-
	EN 687	-	-	-	-	-
<b>CE certification</b>	EN 14041	Yes	Yes	Yes	Yes	Yes
<b>Classification</b>	EN ISO 10874	Classes:	Classes:	Classes:	Classes:	Classes:
	Domestic	23	23	23	23	23
	Commercial	32	34	34	34	34
Light industrial	41	43	43	43	43	
TECHNICAL CHARACTERISTICS	STANDARDS					
<b>Surface treatment</b>		xf <sup>2™</sup>	xf <sup>2™</sup>	xf <sup>2™</sup>	Essenza	xf <sup>2™</sup>
<b>Total thickness</b>	EN ISO 24346	2.0 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm
<b>Total weight</b>	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>
<b>Residual indentation</b>	EN ISO 24343-1					
	Standard requirements	≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm
Best measured value	ca. 0.07 mm	ca. 0.08 mm	ca. 0.08 mm	ca. 0.08 mm	ca. 0.08 mm	ca. 0.08 mm
<b>Flexibility</b>	EN ISO 24344 Method A	≤ 25 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø	≤ 30 mm Ø
<b>Form of delivery</b>	EN ISO 24341	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m	≤ 32 x 2 m
TECHNICAL PERFORMANCES	STANDARDS					
<b>Fire classification</b>	EN 13501-1	C <sub>fl</sub> -s1	C <sub>fl</sub> -s1	B <sub>fl</sub> -s1	C <sub>fl</sub> -s1	C <sub>fl</sub> -s1
<b>Fire effluent toxicity</b>	ISO 5659-2 (evaluation according to EN 45545-2 Annex C)	-	-	-	-	-
<b>Impact sound reduction</b>	EN ISO 10140-3 / EN ISO 717-2	5 dB	6 dB	6 dB	6 dB	6 dB
<b>Impact sound in the room</b>	NF S31-074	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB	Class C < 85 dB
<b>Impact sound reduction with Elafono*</b>	EN ISO 10140-3					
	EN ISO 717-2	14 dB	14 dB	14 dB	14 dB	14 dB
<b>Castor chair</b>	EN ISO 4918	Suitable for office chairs with castors type W (Norm EN 12529)				
<b>Static electrical propensity</b>	EN 1815	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV
<b>Electrical resistance</b>	EN 1081	-	-	-	-	-
	ESD-approval SP method 2472	-	-	-	-	-
	EN/IEC 61340-4-	-	-	-	-	-
<b>Impact resistance</b>	EN 259-2	-	-	-	-	-
<b>Slip resistance</b>	EN 13893	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30
	DIN 51130	R9	R9	R9	R9	R10
<b>Chemical resistance</b>	EN ISO 26987	Resistant to dilute acids, oils, facts, current solvents and alkalis				
<b>Thermal resistance Underfloor heating</b>	EN ISO 10456	0.012 m <sup>2</sup> K/W	0.015 m <sup>2</sup> K/W	0.015 m <sup>2</sup> K/W	0.015 m <sup>2</sup> K/W	0.015 m <sup>2</sup> K/W
		Suitable	Suitable	Suitable	Suitable	Suitable
<b>Light fastness</b>	EN ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
<b>Presence of phthalate compounds</b>	CEN ISO/TS 16181	Phthalate free				
<b>Odor test requirement of emission class M1</b>	EN ISO 16000-28 i.A., VDI 4302	Meets requirement				
<b>Spongeability, washability and extra washability</b>	EN 12956	-	-	-	-	-
EN 233	-	-	-	-	-	-
<b>Determination of antibacterial activity</b>	ISO 22196	Naturally bactericidal (Bacteria mix - EColi and MRSA)				
<b>Colours</b>		19	60 (Veneto) 13 (Style Emme) 8 (Style Elle) 10 (Trentino) ON REQUEST: 3 (Originale Vegetale) 3 (Originale Minerale)	ON REQUEST: 60 (Veneto B) 13 (Style Emme B) 8 (Style Elle B) 16 (Etrusco B) 10 (Trentino B)	29 (Veneto) 3 (Originale Vegetale) 3 (Originale Minerale)	ON REQUEST: 60 (Veneto)

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 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.

Etrusco xf <sup>2™</sup> 2.5 mm	Linoleum Conductive xf <sup>2™</sup> 2.5 mm	Linoleum SD Static Dissipative xf <sup>2™</sup> 2.5 mm	Veneto xf <sup>2™</sup> 3.2 mm	Silencio xf <sup>2™</sup> 3.8 mm	Veneto Acoustic Cork xf <sup>2™</sup> 4.4 mm	LinoWall 2 mm
	Conductive linoleum flooring	Static Dissipative linoleum flooring	One single layer calendared 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	EN 15102
Classes:	Classes:	Classes:	Classes:	Classes:	Classes:	Classes:
23	23	23	23	23	23	-
34	34	34	34	33	34	-
43	43	43	43	41	42	-
xf <sup>2™</sup>	xf <sup>2™</sup>	xf <sup>2™</sup>	xf <sup>2™</sup>	xf <sup>2™</sup>	xf <sup>2™</sup>	xf <sup>2™</sup>
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 <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>	ca. 3 450 g/m <sup>2</sup>	ca. 4 600 g/m <sup>2</sup>	ca. 2 900 g/m <sup>2</sup>
≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm	≤ 0.30 mm	≤ 0.40 mm	-
ca. 0.08 mm	ca. 0.08 mm	ca. 0.08 mm	ca. 0.10 mm	ca. 0.20 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
C <sub>fl</sub> -s1	B <sub>fl</sub> -s1	C <sub>fl</sub> -s1	C <sub>fl</sub> -s1	C <sub>fl</sub> -s1	C <sub>fl</sub> -s1	B-s2 d0
-	-	-	-	-	-	ClTg(4min.) = 0,06 and ClTg(8min.) = 0,09, testing with irradiance of 50 KW/m <sup>2</sup> without pilot flame
6 dB	6 dB	6 dB	8 dB	18 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	-
< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV
-	R1 ≤ 10 <sup>9</sup> Ω	R1 ≤ 10 <sup>9</sup> Ω	-	-	-	-
-	R2 ≤ 10 <sup>9</sup> Ω	R2 ≤ 10 <sup>9</sup> Ω	-	-	-	-
-	R ≤ 10 <sup>9</sup> Ω	1x10 <sup>9</sup> < R < 1x10 <sup>10</sup> Ω	-	-	-	-
-	R ≤ 10 <sup>9</sup> Ω	R ≤ 10 <sup>9</sup> Ω	-	-	-	-
-	-	-	-	-	-	Resistant to impacts
DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	-
R9	R9	R9	R9	R9	R9	-
0.015 m <sup>2</sup> K/W		0.015 m <sup>2</sup> K/W		0.042 m <sup>2</sup> K/W		0.018 m <sup>2</sup> K/W
Suitable		Suitable		Suitable		Suitable
≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Phthalate free						Phthalate free
Meets requirement						Meets requirement
Naturally bactericidal (Bacteria mix - EColi and MRSA)						Extra washable
16	1	3	9	27 (Veneto) 8 (Style Emme) 1 (Style Elle) 3 (Etrusco) ON REQUEST: 10 (Trentino)	ON REQUEST: 60 (Veneto)	6

CUSTOMS TARIFF : 482050000000F

# TECHNICAL DATA



	<b>Linoleum xf<sup>2</sup> SD</b> 0200-0017-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004		<b>Linoleum Conductive xf<sup>2</sup> 2.5 mm</b> 0200-0041-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004
	<b>LinoWall xf<sup>2</sup> 2 mm</b> 0200-0045-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 15102:2007+A1:2011		<b>Etrusco xf<sup>2</sup></b> 0200-0020-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004
	<b>Style Emme xf<sup>2</sup></b> 0200-0034-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004		<b>Style Elle xf<sup>2</sup></b> 0200-0031-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004
	<b>Originale Vegetale 2.5mm</b> 0200-0050-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004		<b>Originale Minerale 2.5mm</b> 0200-0047-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004
	<b>Trentino xf<sup>2</sup> 2.5 mm</b> 0200-0043-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004		<b>Silencio xf<sup>2</sup> 3,8 mm</b> 0200-0027-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004
	<b>Veneto xf<sup>2</sup> 2 mm</b> 0200-0010-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004		<b>Veneto xf<sup>2</sup> 2,5 mm</b> 0200-0001-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004
	<b>Veneto xf<sup>2</sup> 3,2 mm</b> 0200-0012-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004		<b>Linoleum xf<sup>2</sup> B<sub>n</sub> 2,5 mm</b> 0200-0014-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004
	<b>Veneto Sicuro xf<sup>2</sup></b> 0200-0005-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004		<b>Veneto Essenza 2,5 mm</b> 0200-0011-DoP-2013-07 <a href="http://professionals.tarkett.com">http://professionals.tarkett.com</a> Manufactured by: Tarkett SpA 05036 Narni - ITALY EN 14041:2004

Acoustic Cork	93 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
Conductive	96 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
Elafono	100 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
Etrusco	93 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
Originale	99 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
SD	98 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
Silencio	83 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
Style	96 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
Trentino	94 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS
Veneto	94 % Natural Renewable	100 % Recyclable Recycled content	PHthalate FREE	≤10 µg/m <sup>3</sup> Optimal Indoor Air Quality *TVOC AT 28 DAYS

## 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 xf<sup>2</sup> and Linoleum Conductive xf<sup>2</sup> ranges)

### 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>