

# 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 Domestic Commercial Light industrial	Classes: 23 32 41	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43
<b>TECHNICAL CHARACTERISTICS</b>						
<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 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
<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
<b>TECHNICAL PERFORMANCES</b>						
<b>Fire classification</b>	EN 13501-1	C <sub>f</sub> -s1	C <sub>f</sub> -s1	B <sub>f</sub> -s1	C <sub>f</sub> -s1	C <sub>f</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 DIN 51130	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 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 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
<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)

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: 23 34 43	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 34 43	Classes: 23 33 41	Classes: 23 34 42	Classes: - - -
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 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
C <sub>f</sub> -s1	B <sub>f</sub> -s1	C <sub>f</sub> -s1	C <sub>f</sub> -s1	C <sub>f</sub> -s1	C <sub>f</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 R2 ≤ 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>8</sup> < R < 1x10 <sup>9</sup> Ω R ≤ 10 <sup>9</sup> Ω	-	-	-	-
-	-	-	-	-	-	Resistant to impacts
DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	DS: ≥ 0.30 R9	-
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	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
≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
-	-	-	-	-	-	Phthalate free
-	-	-	-	-	-	Meets requirement
-	-	-	-	-	-	Extra washable
-	-	-	-	-	-	Naturally bactericidal (Bacteria mix - EColi and MRSA)
16	1	3	9	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 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.

CUSTOMS TARIFF : 482050000000F

# TECHNICAL DATA



 <b>Linoleum xf2 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 xf2 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>Acoustic Cork</b>	93 % 77% Natural Renewable	100 % 33% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
 <b>LinoWall xf2 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 xf2</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>Conductive</b>	96 % 58% Natural Renewable	100 % 18% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
 <b>Style Emme xf2</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 xf2</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>Elafono</b>	100 % 85% Natural Renewable	100 % 34% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
 <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>Etrusco</b>	93 % 77% Natural Renewable	100 % 34% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
 <b>Trentino xf2 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 xf2 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>SD</b>	99 % 80% Natural Renewable	100 % 30% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
 <b>Veneto xf2 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 xf2 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>Silencio</b>	98 % 58% Natural Renewable	100 % 18% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
 <b>Veneto xf2 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 xf2 Bn 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>Style</b>	83 % 65% Natural Renewable	100 % 40% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
 <b>Veneto Sicuro xf2</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	<b>Trentino</b>	96 % 74% Natural Renewable	100 % 30% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
		<b>Veneto</b>	94 % 76% Natural Renewable	100 % 36% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ Optimal Indoor Air Quality *TVOC AT 28 DAYS
			94 % 76% Natural Renewable	100 % 36% Recyclable Recycled content	PHTHALATE FREE	 ≤10 µg/m³ 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 xf2 and Linoleum Conductive xf2 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>