

# Safetred Universal

Technical data  
02-2018

CLASSIFICATION	STANDARDS	SAFETRED UNIVERSAL	SAFETRED UNIVERSAL PLUS	SAFETRED UNIVERSAL ACOUSTIC
Type of floorcovering	EN 13845	PVC Floorcovering with particle enhanced slip resistance		
Classification	EN ISO 10874 (EN 685)	Commercial 34 Industrial 43 ESf	Commercial 34 Industrial 43 ESf	Commercial 34 Industrial 43 ESf
	EN 13845			
TECHNICAL CHARACTERISTICS	STANDARDS	SAFETRED UNIVERSAL	SAFETRED UNIVERSAL PLUS	SAFETRED UNIVERSAL ACOUSTIC
Total thickness	EN ISO 24346 (EN 428)	2.00mm	2.50mm	3.50mm
Total weight	EN ISO 23997 (EN 430)	3230 g/m <sup>2</sup>	3700 g/m <sup>2</sup>	3750 g/m <sup>2</sup>
Form of delivery	EN ISO 24341 (EN 426)	Rolls: 20lm x 2m 3820 ____ (3 digit colour no.)	Rolls: 15lm x 2m 3822 ____ (3 digit colour no.)	Rolls: 20lm x 2m 26520 ____ (3 digit colour no.)
	EN ISO 24342 (EN 427)	Tile: 500mm x 500mm 3879 ____ (3 digit colour no.)		
TECHNICAL PERFORMANCES	STANDARDS	SAFETRED UNIVERSAL	SAFETRED UNIVERSAL PLUS	SAFETRED UNIVERSAL ACOUSTIC
PUR reinforcement		Safety Clean XP	Safety Clean XP	Safety Clean XP
Abrasion group	EN 13845 Annex D	≤ 10% Particle loss after 50,000 cycles	≤ 10% Particle loss after 50,000 cycles	≤ 10% Particle loss after 50,000 cycles
Residual indentation	EN ISO 24343-1 (EN 433)	≤ 0.10 mm	≤ 0.10 mm	≤ 0.15 mm
Castor chair test	ISO 4918 (EN 425)	No damage	No damage	No damage
Furniture leg	EN 424	No damage	No damage	No damage
Dimensional stability	EN ISO 23999 (EN 434)	≤ 0.40 %	≤ 0.40 %	≤ 0.40 %
Curl resultant to heat	EN ISO 23999 (EN 434)	≤ 2 mm	≤ 2 mm	≤ 2 mm
Reaction to fire	EN 13501-1	Bfl s1 on cement	Bfl s1 on cement	Cfl s1 on cement
Slip resistance	TRRL Pendulum 4S (Wet)	> 36	≥ 63	> 36
	BS 7976 part 2			
	Surface Roughness DIN 51130 EN 13893	≥ 20 µm R10 ≥ 0.3	≥ 35 µm R11 ≥ 0.3	≥ 20 µm R10 ≥ 0.3
Electrostatic properties	EN 1815 EN 14041 EN 1081	≤ 2 kV on concrete Antistatic R1 <10. <sup>9</sup> Ohms	≤ 2 kV on concrete Antistatic R1 <10. <sup>9</sup> Ohms	≤ 2 kV on concrete Antistatic R1 <10. <sup>9</sup> Ohms
Impact sound reduction	EN ISO 717/2	Δ Lw = 4 dB	Δ Lw = 11 dB	Δ Lw = 19 dB
Acoustic improvement	NF S 31-074	L <sub>n,e,w</sub> = 76 dB	L <sub>n,e,w</sub> = 70 dB	L <sub>n,e,w</sub> = 61 dB
Light fastness	EN ISO 105-B02	≥ 7	≥ 7	≥ 7
Chemical resistance	EN ISO 26987 (EN 423)	Good resistance to everyday substances		
Thermal resistance	EN 12524	0.01 m <sup>2</sup> K/W	0.01 m <sup>2</sup> K/W	0.01 m <sup>2</sup> K/W
Underfloor heating		Suitable max: 27°C	Suitable max: 27°C	Suitable max: 27°C
Colours		Rolls: 16.	9	8
		50x50 tiles: 16		

The above information is subject to modifications for the benefit of further improvement. (02/18)

For more detailed technical information please contact Tarkett. Follow Tarkett's installation and maintenance instruction carefully, available on request. The values shown in the technical data are "typical values" and there may be some statistical variation away from the value shown. E&OE






Safety floors to EN 13845 have a generic A+ environmental rating in major use areas such as healthcare and education.  
[www.bre.co.uk/greenguide](http://www.bre.co.uk/greenguide)




(not available in Safetred Universal Plus or Safetred Universal Acoustic)














According to European Classification EN ISO 10874 (EN 685)

## Tarkett's commitments to VOC\* emissions

Volatile organic compounds (VOCs) are emitted as gases from manmade materials such as flooring as well as natural ones like trees. To improve indoor air quality, Tarkett has invested significantly in the research of raw materials and flooring manufacturing processes to reach near zero emission levels. Since September 2011 all Tarkett's homogeneous vinyl flooring has emissions below quantifiable level – measuring less than 10 µg/m<sup>3</sup> TVOC after 28 days\*. All other commercial floorings that Tarkett manufactures currently release less than 10 µg/m<sup>3</sup> TVOC after 28 days – ten times lower than European standards. We'll continue to focus on safer, healthier solutions to reduce emission levels across all products, for improved indoor air quality and a healthier quality of life.  
\* ISO standards 16000-3/-6/-9/-11

A wide range of accessories, including Tarkospray, Tarkolay and skirtings are available - see brochure for details.

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