

SAFETRED

Wide range of heterogeneous safety floors mixing design and slip resistance in all applications

SENSORIAL BENEFITS

- Wide range of colours and designs
- Matching designs with other Tarkett ranges
- Matching accessories for a perfect finish

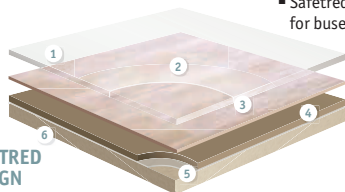
FUNCTIONAL BENEFITS

- Large range of floorcovering options to match all needs
- Exceptional and durable slip resistance properties (R10 and R11 options)
- Reinforced surfaces for easy maintenance
- Easy to install
- Safetred Transport range developed for buses and coaches

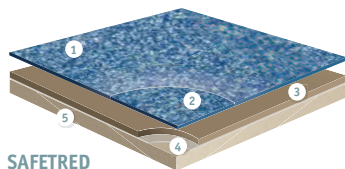
ENVIRONMENTAL BENEFITS

- Unrivalled indoor air quality
- Improved carbon footprint

SAFETRED DESIGN

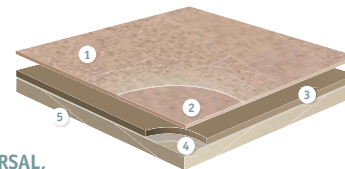


- Safety Clean XP Pur reinforced surface:**
Excellent resistance to scuffing, soiling and staining, and easy maintenance
- Transparent wear layer**
- Pigmented wear layer/Class T. Optimum resistance to wear:**
Aluminum oxide and/or carborundum extra hard particles: Sustainable slip resistance throughout product life, and enhanced abrasion and scratch resistance
- Compact calendared sheet:**
Very high static point properties. Increased resistance to tear. Flexible and easy to install
- Glass fibre non woven reinforcement:**
Unique dimensional stability and anti curl effect
- Impregnation coating**



SAFETRED ION

- Safety Clean XP Pur reinforced surface:**
Excellent resistance to scuffing, soiling and staining, and easy maintenance
- Pigmented wear layer/Class T. Optimum resistance to wear:**
Aluminum oxide: Sustainable slip resistance throughout product life, and enhanced abrasion and scratch resistance
- Compact calendared sheet:**
Very high static point properties. Increased resistance to tear. Flexible and easy to install
- Glass fibre non woven reinforcement:**
Unique dimensional stability and anti curl effect
- Impregnation coating**



SAFETRED UNIVERSAL, SPECTRUM & UNIVERSAL PLUS

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TECHNICAL DATA	STANDARDS	Safetred									
		Design	Design LL	Design Acoustic	Ion Compact	Ion Loose Lay (LL)	Ion Acoustic	Spectrum	Universal	Universal Plus	Transport
Classification											
Type of floor covering	EN 13845	Heterogeneous safety floorings									
Classification	EN 13845 commercial industrial	Classes: 34 43									
Characteristics											
Total thickness	ISO 24346 (EN 428)	2.0mm	2.35mm	3.5mm	2.00mm	2.35mm	3.5mm	2.00mm	2.00mm	2.50mm	2.35mm
Total weight	ISO 23997 (EN 430)	3 340g/m²	3 410g/m²	3 750g/m²	3 340g/m²	3 410g/m²	3 750g/m²	3 230g/m²	3 230g/m²	3 850g/m²	3 300g/m²
Safety Clean XP™ PUR reinforcement	—	Yes									
Technical performances											
Abrasion	EN 13845 Annex D	≤10% particle loss after 50,000 cycles									
Residual indentation	Average measured value	≤ 0.10mm	0.15mm	≤ 0.10mm	≤ 0.11mm	0.15mm	≤ 0.10mm				
	ISO 24343-1 (EN 433) requirement		≤ 0.20mm	≤ 0.20mm							
Furniture leg	EN 424	No damage									—
Castor chair	ISO 4918 (EN 425)	No damage									
Dimensional stability	ISO 23999 (EN 434)	≤ 0.40%									
Curl resistance to heat	ISO 23999 (EN 434)	≤ 2mm									
Reaction to fire	EN 13501-1	B _e s1 on cement	C _e s1 on cement	C _e s1 on cement	Bs1 on cement	Cs s1 on cement	Cs s1 on cement	B _e s1 on cement			
Slip resistance	TRRL Pendulum 45 (wet) BS 7976 part 2	> 36						> 36		> 63	> 36
	DIN 51130	R10						R10		R11	R10 Esf
	Surface Roughness Rz	> 20µm						> 20µm		≥ 35µm	> 20µm
Impact sound reduction	EN 13893	≥ 0.3	≥ 0.3	≥ 0.3							
	EN ISO 10140-3 EN ISO 717/2	ΔL _w = 4dB	ΔL _w = 11dB	ΔL _w = 17dB	ΔL _w = 4dB	ΔL _w = 11dB	ΔL _w = 18dB	ΔL _w = 4dB	ΔL _w = 4dB	ΔL _w = 4dB	ΔL _w = 11dB
Electrical properties	EN 1815	< 2kV on concrete		> 2kV on concrete > 10 ⁹ Ω		< 2kV on concrete > 10 ⁹ Ω		> 2kV on concrete > 10 ⁹ ohms		< 2kV on concrete > 10 ⁹ Ω	
	EN 1081	> 10 ⁹ Ω		Not antistatic on concrete		> 10 ⁹ Ω		Not antistatic on concrete		> 10 ⁹ Ω	
	EN 14041	Antistatic on concrete				Antistatic on concrete				Antistatic on concrete	
Light fastness	EN ISO 105-B02	7									
Chemical resistance	ISO 26987 (EN 423)	Good resistance to everyday substances									
Hygiene	—	Does not contribute to infection spreading									
Thermal resistance	EN 12524	0.01m² K/W									
Underfloor heating		Suitable - Max 27°C									
Form of delivery	ISO 24341 (EN 426) ISO 24342 (EN 427)	Rolls: 20lm x 2m (40m²)	Rolls: 15lm x 2m (30m²)	Rolls: 15lm x 2m (30m²)	Rolls: 20lm x 2m (40m²)	Rolls: 15lm x 2m (30m²)	Rolls: 15lm x 2m (30m²)	Rolls: 20lm x 2m (40m²) Tiles: 50 x 50cm	Rolls: 20lm x 2m (40m²)	Rolls: 15lm x 2m (30m²)	Rolls: 15lm x 2m (30m²)
Colours	—	Ceramic: 5 Wood: 10 Natural: 11	Ceramic: 5 Wood: 10 Natural: 11	Ceramic: 5 Wood: 10 Natural: 11	20	20*	20*	Rolls: 16 Tiles: 9	Rolls: 16	9	9

* Available on request.

The above information is subject to modifications for the benefit of further improvement (07/2016).
For more detailed technical information, please contact Tarkett.



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