

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

SENSORIAL BENEFITS

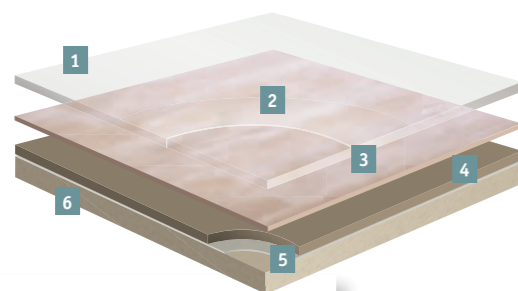
- Wide range of colours and designs
- Matching designs with other Tarkett ranges
- Matching accessories for a perfect finish

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

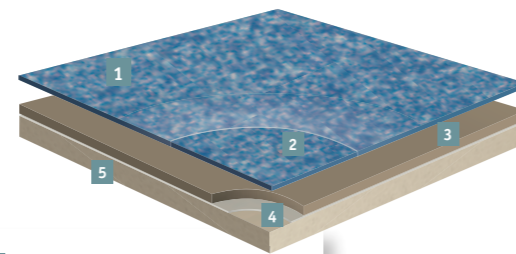
ENVIRONMENTAL BENEFITS

- Unrivalled indoor air quality
- Improved carbon footprint



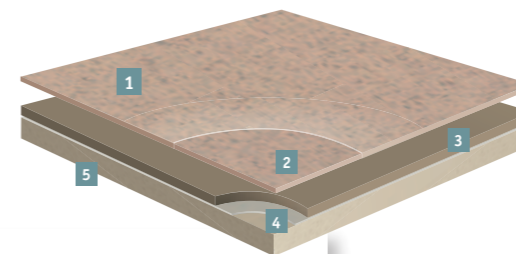
- 1 Safety Clean XP Pur reinforced surface:**
Excellent resistance to scuffing, soiling and staining, and easy maintenance
- 2 Transparent wear layer**
- 3 Pigmented wear layer/ Class T. Optimum resistance to wear:**
Aluminum oxide and/or carborundum extra hard particles: Sustainable slip resistance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

SAFETRED
DESIGN



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

SAFETRED
DIMENSION



- 1 Safety Clean XP Pur reinforced surface:**
Excellent resistance to scuffing, soiling and staining, and easy maintenance
- 2 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
- 3 Compact calendared sheet:**
Very high static point properties. Increased resistance to tear. Flexible and easy to install
- 4 Glass fibre non woven reinforcement:**
Unique dimensional stability and anti curl effect
- 5 Impregnation coating**

SAFETRED UNIVERSAL
& SPECTRUM UNIVERSAL PLUS



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TECHNICAL DATA	STANDARDS	Safetred								
		Design	Design LL	Design Acoustic	Dimension	Spectrum	Universal	Universal Plus	Transport	
Classification										
Classification	ISO 10581 (EN 649)	Classes:	Classes:	Classes:	Classes:	Classes:	Classes:	Classes:	Classes:	
	commercial	34	34	34	34	34	34	34	34	
industrial	43	43	43	43	43	43	43	43		
Characteristics										
Total thickness	ISO 24346 (EN 428)	2.0mm	2.35mm	3.5mm	2.00mm	2.00mm	2.00mm	2.50mm	2.35mm	
Total weight	ISO 23997 (EN 430)	3 340g/m ²	3 410g/m ²	3 750g/m ²	3 000g/m ²	3 250g/m ²	3 230g/m ²	3 850g/m ²	3 300g/m ²	
Safety Clean XP PUR reinforcement	—	Yes								
Technical performances										
Abrasion	EN 13845 Annex D	< 10% particle loss					< 10%	< 10% particle loss		
Residual indentation	Average measured value	≤ 0.10mm		0.15mm	≤ 0.10mm					
	ISO 24343-1 (EN 433) requirement			≤ 0.20mm						
Furniture leg	EN 424	No damage						—		
Castor chair	ISO 4918 (EN 425)	No damage								
Dimensional stability	ISO 23999 (EN 434)	≤ 0.10%	≤ 0.10%	≤ 0.10%	≤ 0.10%	≤ 0.10%	≤ 0.10%	< 0.10%	≤ 0.10%	
Curly resistant to heat	ISO 23999 (EN 434)	≤ 2mm								
Flame and smoke	EN 13501-1	B _{s1} s1 on cement	C _{s1} s1 on cement	C _{s1} s1 on cement	B _{s1} s1 on cement	B _{s1} s1 on cement				
	ISO 9239-1	> 36		> 36		> 36	> 45	> 36		
Slip resistance	TRRL Pendulum 4S (wet) BS 7976 part 2	R10		R10		R11		R10 Esf		
	DIN 51130 Surface Roughness Rz DIN 51097	> 20µm		> 20µm		≥ 35µm		> 20µm		
Impact sound reduction	EN ISO 140-8 EN ISO 717/2	ΔL _w = 4dB	ΔL _w = 11dB	ΔL _w = 19dB	ΔL _w = 4dB				ΔL _w = 11dB	
Electrical resistance	EN 1815 EN 1081 EN 14041	< 2kV on concrete > 10 ¹⁰ ohms. 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 Underfloor heating	EN 12524	0.01m ² K/W - Max 27°C				0.01m ² K/W Suitable - Max 27°C				
Form of delivery	ISO 24341 (EN 426)	Rolls: 20lm x 2m (40m ²)	Rolls: 15lm x 2m (30m ²)	Rolls: 15lm x 2m (30m ²)	Rolls: 20lm x 2m (40m ²)	Rolls: 20lm x 2m (40m ²) Tiles: 50 x 50cm	Rolls: 20lm x 2m (40m ²)	Rolls: 15lm x 2m (30m ²)	Rolls: 15lm x 2m (30m ²)	
	ISO 24342 (EN 427)									
Colours	—	Ceramic: 5 Wood: 10 Natural: 11	Ceramic: 5 Wood: 10 Natural: 11	Ceramic: 5 Wood: 10 Natural: 11	Dimension: 16	Rolls: 16 Tiles: 9	Rolls: 16	9	(Typical values) 9	

The above information is subject to modifications for the benefit of further improvement (01/2014). For more detailed technical information, please contact Tarkett.