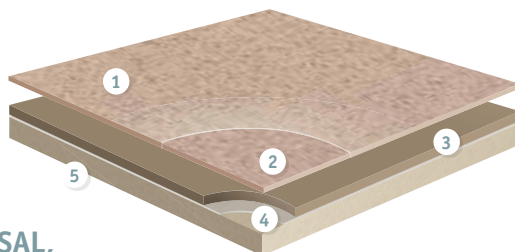


TECHNICAL DATA	STANDARDS	Safetred									
		Design	Design LL	Design Acoustic	Ion Compact	Ion Loose Lay (LL)	Ion Acoustic	Spectrum	Universal	Universal Plus	Transport
Classification											
Type of floor covering	EN 13845	Heterogeneous safety floorings									
Classification	EN 13845 commercial industrial	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/m ²	3 410g/m ²	3 750g/m ²	3 340g/m ²	3 410g/m ²	3 750g/m ²	3 230g/m ²	3 230g/m ²	3 850g/m ²	3 300g/m ²
Safety Clean XP™ PUR reinforcement	—	Yes									
Technical performance											
Abrasion	EN 13845 Annex D	≤10% particle loss after 50,000 cycles									
Residual indentation	Average measured value ISO 24343-1 (EN 433) requirement	≤ 0.10mm		0.15mm ≤ 0.20mm	≤ 0.10mm	≤ 0.11mm	0.15mm ≤ 0.20mm	≤ 0.10mm			
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 _{fl} s1 on cement	C _{fl} s1 on cement	C _{fl} s1 on cement	B _{fl} s1 on cement	C _{fl} s1 on cement	C _{fl} s1 on cement	B _{fl} s1 on cement			
Slip resistance	TRRL Pendulum 45 (wet) BS 7976 part 2 DIN 51130 Surface Roughness Rz	> 36 R10 > 20µm						> 36 R10 > 20µm	> 63 R11 ≥ 35µm	> 36 R10 Esf > 20µm	
Impact sound reduction	EN 13893 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 EN 1081 EN 14041	< 2kV on concrete > 10 ⁹ Ω Antistatic on concrete		> 2kV on concrete > 10 ⁹ Ω Not antistatic on concrete	< 2kV on concrete > 10 ⁹ Ω Antistatic on concrete		> 2kV on concrete > 10 ⁹ ohms Not antistatic on concrete	< 2kV on concrete > 10 ⁹ Ω 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 Suitable - Max 27°C									
Form of delivery	ISO 24341 (EN 426) ISO 24342 (EN 427)	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: 15lm x 2m (30m ²)	Rolls: 15lm x 2m (30m 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)
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 (02/2017).
For more detailed technical information, please contact Tarkett.



SAFETRED UNIVERSAL, SPECTRUM & UNIVERSAL PLUS

- 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**