

Safetred ION
Safetred Design Wood/Natural/Ceramic
Safetred Spectrum/Spectrum Tiles
Safetred Universal/Universal Tiles
Safetred Universal Plus (R11)

TECHNICAL DATA	STANDARDS	SAFETRED						
		Design	Design LL	Design Acoustic	ION	Spectrum	Universal	Universal Plus
Type of floor covering	EN 13845							
Classification	EN 13845 commercial industrial	Classes: 34 43	Classes: 34 43	Classes: 34 43	Classes: 34 43	Classes: 34 43	Classes: 34 43	Classes: 34 43
Total thickness	ISO 24346 (EN 428)	2.00mm	2.35mm	3.50mm	2.00mm	2.00mm	2.00mm	2.50mm
Total weight	ISO 23997 (EN 430)	3 340g/m²	3 410g/m²	3 750g/m²	3340g/m²	3 250g/m²	3 230g/m²	3 850g/m²
Safety Clean XP PUR reinforcement	—	Yes						
Abrasion	EN 13845 Annex D	≤ 10% particle loss after 50,000 cycles						
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)	≤ 0.4%						
Curl resistant to heat	ISO 23999 (EN 434)	≤ 2mm						
Flame and smoke	EN 13501-1 ISO 9239-1	Bfl s1 on cement	Cfl s1 on cement	Cfl s1 on cement	Bfl s1 on cement	Bfl s1 on cement		
Slip resistance	TRRL Pendulum 4S (wet) BS 7976 part 2	≥ 36 R10 ≥ 20µm				≥ 36	≥ 36	≥ 45
	DIN 51130 Surface Roughness Rz DIN 51097					R10 ≥ 20µm A	R10 ≥ 20µm C	R11 ≥ 35µm
Impact sound reduction	EN ISO 140-8 EN ISO 717/2	ΔL _w = 4dB	ΔL _w = 11dB	ΔL _w = 17dB	ΔL _w = 4dB			
Electrical resistance	EN 1815 EN 1081 EN 14041	< 2kV on concrete Not dissipative >10 ⁹ Ω Antistatic on concrete		< 2kV on concrete Not dissipative >10 ⁹ Ω Not antistatic on concrete	< 2kV on concrete Not dissipative >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	EN 12524	0.01m² K/W				0.01m² K/W		
Underfloor heating		Suitable - Max 27 °C				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: 20lm x 2m (40m²) Tiles: 50 x 50cm	Rolls: 20lm x 2m (40m²)	Rolls: 15lm x 2m (30m²)
Colours	—	Ceramic: 5 Wood: 10 Natural: 11	Ceramic: 5 Wood: 10 Natural: 11	Ceramic: 5 Wood: 10 Natural: 11	Contrast: 6 Linen: 14	Rolls: 16 Tiles: 9	16	9

The above information is subject to modifications for the benefit of further improvement (12/2014).
For more detailed technical information, please contact Tarkett.