

Items	Standards	Requirements	Result
Floorscore Certification	SCS-EC10.3-2014v3.0	Refer to Standards	Pass
GreenGuard Gold Certified	UL 2818 – 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings	Refer to Standards	Pass
CE Certification	EN14041	Refer to Standards	Pass
Fire resistance	EN 9239-1 EN ISO11925-2 EN 13501-1	Critical Flux \geq 8.0kW/m ² Fs \leq 150mm within 20s Smoke \leq 750% minutes	Bfl-S1
Phthalate tests (DBP/BBP/DEHP/DINP/DNOP/DIDP)	EN 14372:2004	N/A	Free
Dimension stability	ASTM F2199-09(R2014)	\leq 0.25%	Manufacturing direction:- 0.046% Across-manufacturing direction:- 0.009%
Determination of dimensional stability and curling after exposure to heat	ISO 23999:2012	\leq 0.25% The curling \leq 2mm	MD:-0.05% AMD: 0% 0mm
Seam strength	EN 684:1995	N/A	Ave.:360N/50mm Pass Min.:330N/50mm
Residual indentation (%)	ASTM F1700-13a & ASTM F1914-07(2011)	Average value \leq 8 Individual value \leq 10	0.4 Pass
Determination of Indentation and Residual Indentation	ISO 24343-1:2012	N/A	0mm Pass
Resistance to chemicals	ASTM F1700-13a & ASTM F925-13	No more than a slight change in surface dulling,surface attack,or staining	No change in surface dulling,surface attack,or staining was detected
Heat stability	ASTM F1514-03(R2013)	$\Delta E^*ab < 8$	$\Delta E^*ab=0.67$ Pass
Static loading	ASTM F970-17	N/A	0.04mm Pass
Soluble heavy metal contents test	ASTM F963-16(Clause 8.3)	N/A	Free
Large ball impact resistance	NALFA/ANSI LF-01-2011	N/A	No cracks or fractures occurred at the height of 2500mm
Static Electrical Propensity	EN 1815:2016 method A	\leq 2kV	0.2kV
Determination of Impact Sound Insulation Class	ASTM E492-09(2016) ASTM E989-06(2012)	N/A	IIC=65
Formaldehyde	ISO 17226-1:2008	N/A	Free
Surface Bond	NALFA/ANSI LF-01-2011	N/A	1.14MPa Pass
Resilient floor covering Determination of peel resistance	EN ISO 24345:2012	\geq 54N/50mm	Longitudinal direction:95N/50mm Cross direction:95N/50mm
Thermal conductivity	EN 12667:2001	N/A	0.154 W/(m.K)
Thermal Resistance	EN 12667:2001	N/A	0.033(m ² .K)/W
Colour Fastness	EN ISO 105-B02:2014	N/A	Grade 6
Dimensional stability	ISO 23999:2008	N/A	Average: X Direction: 0.02% Pass Y Direction: -0.06%
Curling	ISO 23999:2008	N/A	Average: 0.5mm Pass
Residual indentation	ISO 24343-1:2007	N/A	Average: 0.02mm Pass
Locking strength	ISO 10582:2017 Annex D	Class 32, type I: \geq 1.5kN/m	Long side(X): 7.6 kN/m Short side(Y): 6.3 kN/m Pass
Resistance to staining	ISO 26987:2008	N/A	Index 0: Not affected Pass