

Specification

Dimensions (mm)	232*8*1524
Total thickness (mm)	8 (6.5 SPC core + 1.5 IXPE)
Thickness of wear layer (mm)	0.5
Locking system	Uniclic by Unilin Technology

Safety criteria	Standard	Detection/Result
Flammability	EN 13238:2001	Bfl-s1
Slip resistance	DIN EN 16165:2023-02	R10
Total lead (Pb) in substrate materials	ASTM F963-17	Not Detected
Soluble heavy metal in substrate materials	ASTM F963-17	Not Detected
Content of pentachlorophenol (PCP)	CEN/TR 14823:2006	Not Detected
Formaldehyde emission	ENV 717-1	0.004 mg/m ³ (E1)
VOC emission	AgBB2021	Passed
REACH test (241 SVHC + 10 Potential SVHC)	SGS In-House method	Passed

Performance behaviour	Standard	Detection/Result
Castor chair test	ISO 4918:2016/Amd. 1:2018	25,000 cycles, no visible damage
Dynamic coefficient of friction	ANSI/NFSI B101.3-2012	Wet condition: 0.44
Static coefficient of friction	ASTM D2047-17	Dry condition: 0.67
Locking strength	ISO 24334:2014	X direction: 4.0 kN/m Y direction: 3.0 kN/m
Critical radiant flux	ASTM E648-19a ^{E1}	Class I
Peel Strength	ASTM D903-98(2017)	X direction: 70.6N/25mm Y direction: 66.2N/25mm
Colour fastness to light	ISO 105-B02:2014	After standard 6 grade
Residual indentation	ASTM F3261-20 Section 8.1	Average: 0.04mm
Surface integrity	ASTM F3261-20 Section 8.2	No puncture through wear layer
Resistance to chemicals	ASTM F3261-20 Section 8.4	No more than slight change
Resistance to heat	ASTM F3261-20 Section 8.5	Average ΔE^*_{ab} : 0.81 Max ΔE^*_{ab} : 1.05
Light ageing test-xenon-arc exposure	ASTM F3261-20 Section 8.6	Average ΔE^*_{ab} : 1.4 (Passed)
Thickness swell	ASTM F3261-20 Section 8.8	With backing: 0.16% Without backing: 0.09%
Dimensional stability	ASTM F2199-20	X direction: -0.01% Y direction: -0.01%
Dimensional curling	ASTM F2199-20	Value: 0.05mm Max: 0.08mm

*Thickness of tested specimen: 5 mm

