

Technical Information - 2mm/0.3mm (12mil)

Test	Standard	Result
Thickness – Overall	ASTM F1700	Pass
Thickness – Wear Layer	ASTM F1700	Pass
Classification - Domestic	EN 649	23
Classification - Commercial		31
Dimension (Length, Squareness and Straightness)	ISO24324	Pass
Mass per unit area		3.97kg/m ²
Peeling strength of layers	EN 431	Pass
Sheer force of layers	EN 431	Pass
Residual indentation after static load	EN 433	Pass (0.038mm)
Dimensional stability and curling exposure to heat	EN 434	Pass
Flexibility – 10mm mandrel	ASTM F137	Pass
Density	EN436:1994	1985KG/m ³
Abrasion Resistance	EN 660-2	Group T
Colour fastness to light	ISO 105-B02	Pass (>Grade 6)
Castor chair test	EN 425/ISO 4918:2016	Pass
Flammability	EN 13501-1	Bf1-S1
Slip Resistance	DIN 51130 EN 13893	R10 Class DS
Formaldehyde emission	EN 717-1	Class E1
TVOC	ISO 16000-3/-6/-9/-11 ASTM CA 01350 v1.1, 2012	Pass Pass (less than or equal to 0.5mg/m ³)
DIBT Certification	EN 14041	Pass
CE Certification	EN 14041	Pass
Floorscore Certification	SCS-EC10.3-2014v3.0	Pass
Staining resistance	EN 423:2001	Not affected
Chemical Solution	EN 423: 2002	Not affected
Thermal conductivity	EN 12667:2001	Pass (0.14 W/(m.K))
Impact sound insulation	ISO 10140-1:2010 ISO 717-2:19996+A1:2006	$\Delta Lw=8dB$, $C_{1,\Delta}=-4dB$
Impact insulation class	ASTM E2179-09 ASTM E492-09 ASTM E989-06	IICc-28 = Δ IIC 19 IIC 53
PVC resin		Free
Stabilizer	US EOA 8270D: 2007	Free
Wear layer	DMF (N, N-dimethylformamide)	Free
Phthalate tests (DBP/BBP/DEHP/DINP/DNOP/DIDP)	EN 14372:2004 REACH No. 1907/2006 REACH No. 552/2009	Free Free Free
Soluble heavy metal contents test	EN 71 Part 3: 1994+ A1: 2000+AC:2002 ASTM F 963-11	Free Free Free
SVHC Released	EU REACH Regulation	Not detected
VOCs Acetaldehyde	ASTM CA 01350 v1.1, 2012	Pass
VOCs Toluene	ASTM CA 01350 v1.1, 2012	Pass
French VOC Regulation	ISO16000-3/-6/-9/-11	A+

Technical Information - 2.5mm/0.5mm (20mil)

Test	Standard	Result
Thickness – Overall	ASTM F1700	Pass
Thickness – Wear Layer	ASTM F1700	Pass
Classification - Domestic	EN 649	32
Classification - Commercial		41
Dimension (Length, Squareness and Straightness)	ISO24324	Pass
Mass per unit area		4.96kg/m ²
Peeling strength of layers	EN 431	Pass
Sheer force of layers	EN 431	Pass
Residual indentation after static load	EN 433	Pass (0.038mm)
Dimensional stability and curling exposure to heat	EN 434	Pass
Flexibility – 10mm mandrel	ASTM F137	Pass
Density	EN436:1994	1985KG/m ³
Abrasion Resistance	EN 660-1/-2	Group T
Colour fastness to light	ISO 105-B02	Pass (>Grade 6)
Castor chair test	EN 425/ISO 4918:2016	Pass
Flammability	EN 13501-1	Bf1-S1
Slip Resistance	DIN 51130 EN 13893	R10 Class DS
Formaldehyde emission	EN 717-1	Class E1
TVOC	ISO 16000-3/-6/-9/-11 ASTM CA 01350 v1.1, 2012	Pass Pass (less than or equal to 0.5mg/m ³)
DIBT Certification	EN 14041	Pass
CE Certification	EN 14041	Pass
Floorscore Certification	SCS-EC 10.3-2014v3.0	Pass
Staining resistance	EN 423:2001	Not affected
Chemical Solution	EN 423: 2002	Not affected
Thermal conductivity	EN 12667:2001	Pass (0.14 W/(m.K)
Impact sound insulation	ISO 10140-1:2010 ISO 717-2:19996+A1:2006	ΔLw=8dB, C _{1,Δ} = -4dB
Impact insulation class	ASTM E2179-09 ASTM E492-09 ASTM E989-06	IICc-28 = ΔIIC 19 IIC 53
PVC resin		Free
Stabilizer	US EOA 8270D: 2007	Free
Wear layer	DMF (N, N-dimethylforamide)	Free
Phthalate tests (DBP/BBP/DEHP/DINP/DNOP/DIDP)	EN 14372:2004 EPA3550C-EPA8270D	Free
Soluble heavy metal contents test	EN 71 Part 3: 1994+ A1: 2000+AC:2002 ASTM F 963-11	Free
SVHC Released	EU REACH Regulation	Not detected
VOCs Acetaldehyde	ASTM CA 01350 v1.1, 2012	Pass
VOCs Toluene	ASTM CA 01350 v1.1, 2012	Pass
French VOC Regulation	ISO16000-3/-6/-9/-11	A+