

Kavia PVC-Free Homogeneous sheet flooring techniq



Description of goods			
Name	Kavia PVC -Free Homogeneous Sheet Flooring		
Description	Homogeneous Sheet,PVC-Free		
Specification			
Performance	Test Method	Minimum Requirement	Performance vs.Requirement
Total thickness/mm	ASTM F 386	2	Meets
Width/cm		200	Meets
Length/cm		2000	Meets
Weight/kg/sqm		2.6	Meets
Residual indentation	ASTM F 1914	≤0.02mm	Meets
Resistance to chemicals	ASTM F 925	no stains on surface	Meets
Resistance to heat	ASTM F 1514	≤ 8	Meets
Resistance to light	ASTM F 1515	≤ 8	Meets
Static load resistance	ASTM F 970	≤ 0.012mm	Meets
Dimensional stability	ISO 23999	≤ 0.2% shrinkage/expansion	Meets
Effect of caster chair	ISO 4918	No Delamination	Meets
Seam strength	EN 684	≥ 240N/50mm	Meets
Fire test data-Flame spread	ASTM E648	0.45W/cm ² or more Class I	Meets
Fire test date- Smoke evolution	ASTM E662	450 or less	Meets
Fire test date- Canada	CAN/ULC S102.2	Use dependent	Flame spread -70 Smoke Developed -245
Wear group classification per EN 649-Volume loss	EN660-2	-	T grade
Bacteria Resistance	ISO 846: Part C	-	No Observed Growth
Ramp Test	DIN 51130	-	R10
Isocyanate Content	ISO 14896		None Detected
ADA Standards for Accessible Design	Chapter 3 Section 302.1	Floor surfaces shall be stable,firm and slip-resistant	Meets
Antistatic Properties	≤ 2.0kV		Meets(antistatic)
Static Coefficient for Friction	≥ 0.6		Meets
Sustainability			
Certification	Standard	Testing office	
Low Emitting Material	CDPH v1.2(2017) a.k.a CHPS 01350	FloorScore	
Environmental Product Declaration(EPD)	ISO 14025	Yes	
Plant Certification	ISO 9001 /ISO 14001	Certified	
TVOC Range	CDPH v1.1(2017) a.k.a CHPS 01350	< 0.5mg/m ³	Meets
Acoustics	ASTM E492	Impact insulation class	
	ASTM E90	Sound transmission class	
	ASTM E2179	Sound transmission reduction radiated	
	ASTM E3133	Radiated impact sound	
	ISO 10140-3	Impact sound insulation	
Fundamental Material Safety	Well	No asbestos, free of lead and phthalate	Meets
Toxic Materials Reduction	Feature 11 and 25	(DEHP,DBP,BBP,DIDP,DNOP)	
Material Ingredients/Transparency	Leed v4(Option 1)	Content disclosure to 1000 ppm	Meets (See Health Product Declaration or Declare Label)
	Well Feature 97		