

Bomeiflor Alaska

Non-directional Homogeneous Vinyl Sheet Flooring (Iodine-resistance)



Product Details			
Thickness EN428	Weight EN430	Packaging	
Total Thickness: 2.0mm	2.8 kg/m ²	16 Rolls/ Pallet	
Width & Length EN426	114kg/ Roll	10 pallets / 20ft Container	
Width: 2.0m, Length: 20m		6400 sq.m. / 20ft Container	
Product Data			
Test Item	Test Method	Standard Requirement	Bomeiflor Result
Flexibility	EN 435:1994 Method A	No crack shown in both directions when tested with a 10mm mandrel	No crack
Abrasion Resistance	EN 660-2	Class T <2.00mm ³ Class P >2.00mm ³ but ≤4.00mm ³	Group T
Indentation Residual	EN ISO 24343-1	< 0.1mm within 2.5 hours	Pass 0.07mm
Color Fastness	EN ISO 105 – B02	≥Level 6	Level 6
Fire Rating	EN ISO 13501-1:2007	Bfl: Critical Flux ≥ 8.0kW/m ² s1: Smoke development ≤750%* min	Bfl-s1
Effects of Stain	EN 423	24 hours exposure	Pass
Dimensional Stability & Curling on Exposure to Heat	EN 434:1994	Dimensional Movement <0.25%	Pass 0.16% & 0.14%
		Curling <2mm	Pass 0.06mm
Indentation Residual	ASTM F970	Load: 125lb	Pass 0.034mm
Slip Resistance (Dry)	ASTM D2047-11	Coefficient of friction	0.37
Slip Resistance (Wet)	ASTM D2047-11	Coefficient of friction	0.39
Smoke Density	ASTM E662-13A	Flaming: Optical density of smoke	564
		Non-flaming: Optical density of smoke	491
Flammability	ASTM E648:2014	Class I: ≥0.45 Watts/cm	Class I
VOC	ASTM D5116:2010	<0.1mg/ m ³	Pass 0.02mg/m ³
Toxicity Fumes	BS 6853:1999 Annex B	R<1.0	R<0.3
CE	EN 14041	PCP	ND
		Formaldehyde Emission	ND Class: E1
		Slip Resistance	0.44 Class DS
		Thermal Conductivity	0.043W/m·K
Iodine Resistance			Pass
Antimicrobial Activity*	ASTM G 21-13	Aspergillus Niger	0 Grade (No breeding)
		Penicillium Pinophilum	
		Ayreobasidium Pullulans	
		Chaetomium Globosum	
		Trichoderma Virens	> 99.9% (Sterilizing rate)
		Staphylococcus Aureus	
		Klebsiella Pneumoniae	
Pseudomonas			
Electrical Resistance*	EN 1081-1998	10 ⁶ ≤ R ≤ 10 ⁸	7.74*10 ⁷ Ω
Surface Treatment			PUR and UV

All the test reports are provided by SGS and TUV. The two items with * belong to Bomeiflor specially customized products