

Vega Plus®

Homogeneous: Directional - Phthalate Free

ISO 9001 | 14001 | 18001

Characteristics	Standards	Units	Vega Plus®	
Indoor Air Quality	CA Section 01350 ($\leq 0.5 \text{ mg / m}^3$)	Floorscore Certified (SCS - FS - 04547)	Yes	
	ISO 16000-6, TVOC after 28 days	$\mu\text{g/m}^3$	< 10 (Fully compliant)	
Description				
Type of floor covering	ISO 10581	Type 1 - Binder Content	Homogeneous vinyl flooring (Directional)	
General performance	ISO 10874 - EN 685	Classification	34: Very Heavy Commercial 43: Heavy Light Industrial	
Usage / Wear Resistance	BS EN 649	Group P	Heavy foot traffic / Heavy duty	
Special treatment			PUR: Polyurethane treatment	
Overall thickness	ISO 24346 - EN 428	mm	2.00	3.00
Thickness of wear layer	ISO 24340 - EN 429, ASTM F410	mm	2.00	3.00
Weight	ISO 23997 - EN 430	g/m^2	3400	5100
Sheet size	ISO 24341 - EN 426	m (width)	2	
		m (length)	20	
		m^2 (surface area)	40	
Abrasion resistance	EN 660 - 2	Group	P	
	EN 660 -2	Volume loss mm^3	< 4	
	ASTM D3389 (weight loss / 1000 cycles)	g	< 0.40	
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	
Slip resistance	DIN 51130	Ramp Test	R 9	
	EN 13893 ASTM D2047	Coefficient of friction	DS (> 0.30) Pass (0.70 avg)	
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40	
Flexibility	ISO 24344 - EN 435	20mm mandrel	No Cracking	
	ASTM F137		Pass	
Seam Strength	ISO 16906	N/50mm	Pass	
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10	
	ASTM F970	psi	800	
	ASTM F1914	inches	Avg. 0.001	
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	
	ASTM F1515	$\Delta E \leq 8$ after 300 hours (colour change)	Pass	
Static electrical propensity	EN 1815	kV	< 2.0	
Thermal resistance	EN 12667	$\text{m}^2 \text{ k/W}$	Approx $0.01 \text{ m}^2 \text{ k/W}$ (suitable at 27°C)	
Reaction to fire	EN ISO 9239-1	kW/m^2	≥ 8	
	EN ISO 11925-2		Pass	
	EN 13501-1 : 2007+A1	Class	Bfl - S1	
	ASTM E 648	Type	1	
Smoke density	ASTM E 662	Dm	< 450 (Pass)	
Stain & chemical resistance	ISO 26987 - EN 423	Index	0 (Excellent resistance)	
	ASTM F925	Resistance		
Maritime usage	IMO RES A 653 (16)		Annex 1 Part 2 (Smoke & Toxicity)	
	IMO MSC 61 (67)		Part 5 (Spread of Flame) and Annexure 2	
	Marine Equipment Directive		1121	

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<p>EN 14041</p>	<p>VOC Emissions</p>	<p>Fire</p>
	<p>Electrical</p>	<p>Slip</p>