

## Safety Alpha Aqua®

Safety & Wet Area Flooring



Characteristics	Standards	Units	Canopus Barefoot®
Phthalate Free			Yes
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	EN 13845   EN 13553	Classification	Safety Vinyl Flooring
General Performance	ISO 10874 - EN 685		34: Very Heavy Commercial 43: Heavy Light Industrial
Usage / Wear Resistance	BS EN 649	Group	T ( $\leq 2 \text{ mm}^3$ )
Special Treatment			Anti-slip surface with silicon carbide granules. SureClean™
Overall Thickness	ISO 24346 - EN 428	mm	2.00
Weight	ISO 23997 - EN 430	$\text{g/m}^2$	3200
Sheet Size	ISO 24341 - EN 426	m (width)	2
		m (length)	20
		$\text{m}^2$ (surface area)	40
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous
Slip resistance	EN 13845	Wear Resistance Rating	ESf & ESb ( $\leq 10\%$ particles lost over 50,000 cycles)
	DIN 51130	Ramp Test	R 12
	BS 7976 - 2	Wet Pendulum Test	36+ (Low Slip Potential)
	AS 4586 - 2013 Appendix A		P4
	EN 13893 ASTM D2047	Coefficient of friction	DS (< 0.30) Pass (0.70 Avg)
Dimensional stability	ISO 23999 - EN 434	%	$\leq 0.40$
Flexibility	ISO 24344 - EN 435	20mm mandrel	< 20
Seam Strength	ISO 16906	N/50mm	Pass
Residual indentation	ISO 24343 - 1 - EN 433	mm	$\leq 0.10$
	ASTM F970	psi	800
Colour fastness to light	EN ISO 105 - B02	Degrees	$\geq 6$
	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)
Heat Stability	ASTM 1514	$\Delta E \leq 0.80$ (colour change)	Pass
Reaction to fire	EN ISO 9239-1	$\text{kW/m}^2$	$\geq 8$
	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
Stain & chemical resistance	ISO 26987 - EN 423	Index	0 (Excellent 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

