

**Spica RQ®**

Homogeneous Non-Directional

**ISO 9001 | 14001 | 18001**

Characteristics	Standards	Units	Spica RQ®
Phthalate Free			Yes
Indoor Air Quality	CA Section 01350 ( $\leq 0.5$ mg / m <sup>3</sup> )	Floorscore Certified (SCS - FS - 04547)	Yes
	ISO 16000-6, TVOC after 28 days	$\mu\text{g}/\text{m}^3$	< 10 (Fully compliant)
Type Of Floor Covering	ISO 10581	Type 1 - Binder Content	Homogeneous Non-Directional Vinyl
General Performance	ISO 10874 - EN 685	Classification	34: Very Heavy Commercial 43: Heavy Light Industrial
Usage / Wear Resistance	BS EN 649	Group T	Heavy foot traffic / Heavy duty
Special Treatment			RQ Protect : No Wax No Polish For Life
Overall Thickness	ISO 24346 - EN 428	mm	2.00
Thickness Of Wear Layer	ISO 24340 - EN 429, ASTM F410	mm	2.00
Weight	ISO 23997 - EN 430	g/m <sup>2</sup>	2800
Sheet Size	ISO 24341 - EN 426	m (width)	2
		m (length)	20
		m <sup>2</sup> (surface area)	40 m <sup>2</sup>
Abrasion Resistance	EN 660 - 2	Group	T
	EN 660 - 2	Volume loss mm <sup>3</sup>	< 2
	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	%	$\leq 0.40$
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	$\leq 0.10$
	ASTM F970	psi	800
	ASTM F1914	inches	Avg. 0.001
Colour Fastness To Light	EN ISO 105 - B02	Degrees	$\geq 6$
	ASTM F1515	$\Delta E \leq 800$ after 300 hours (colour change)	Pass
Static Electrical Propensity	EN 1815	kV	< 2.0
Thermal Resistance	EN 12667	m <sup>2</sup> k/W	Approx 0.01m <sup>2</sup> 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	kW/m <sup>2</sup>	$\geq 8$
	EN ISO 11925-2		Pass
	EN 13501-1 : 2007+A1	Class	Bfl - S1
	ASTM E 648-06	Type	1
Smoke Density	ASTM E 662	Dm	< 450 (Pass)
Stain & Chemical Resistance	ISO 26987 - EN 423	Index	0 (Excellent resistance)
	ASTM F925	Resistance	Pass
Fungi & Bacteria Resistance	ISO 846 A, C		Does not favour growth
Maritime Usage	IMO RES A 653 (16)		Annex 1 Part 2 (Smoke & Toxicity)
	IMO MSC 61 (67)		Part 5 ( Spread of Flame) and
	Marine Equipment Directive		1121

