RESPONSIVE

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Spica RQ®

Homogeneous: Non-Directional - Phthalate Free

Characteristics	Standards	Units	Spica RQ®
Phthalate Free			Yes
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m³)	Floorscore Certified (SCS - FS - 04547)	Yes
	ISO 16000-6, TVOC after 28 days	µg/m³	< 10 (Fully compliant)
Description			
Type of floor covering	ISO 10581	Type 1 - Binder Content	Homogeneous vinyl flooring (Non - directional)
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/m²	3050
Sheet size	ISO 24341 - EN 426	m (width)	2
		m (length)	15
		m² (surface area)	30
Tile Size	ISO 24342	cm x cm (length x width)	30 x 30cm | 50 x 50cm | 61 x 61cm
Abrasion resistance	EN 660 - 2	Group	T
	EN 660 -2	Volume loss mm³	< 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 10
	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	ΔE ≤ 800 after 300 hours (colour change)	Pass
Static electrical propensity	EN 1815	kV	< 2.0
Thermal resistance	EN 12667	m² k/W	Approx 0.01m²k/W (suitable at 27°C)
Heat Stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass
Reaction to fire	EN ISO 9239-1	kW/m²	≥ 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	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 Annexure 2
	Marine Equipment Directive		1121

CE EN 14041 | VOC Emissions | Fire | Electrical | Slip

floor score — CERTIFIED BY SCS Global Services

PHTHALATE FREE

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