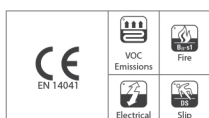


# Wood Essence RQ®

Heterogeneous Contract Sheet - Phthalate Free



Characteristics	Standards	Units	Wood Essence RQ®		
Phthalate Free			Yes (2.00mm only)		
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)		
Description					
Type of floor covering	ISO 10582	Type 1 - Binder Content	Resilient Heterogeneous Floor Covering Class : 1		
General performance	ISO 10874 - EN 685	Classification	34: Very Heavy Commercial 43: Heavy Light Industrial		
Usage / Wear Resistance	BS EN 649	Group	Heavy Duty		
Special treatment			RQ Protect : Glass fibre grid reinforcement		
Overall thickness	ISO 24346 - EN 428	mm	2.00*	1.6	1.3
Thickness of wear layer	ISO 24340 - EN 429	mm	0.7	0.2	0.15
Weight	ISO 23997 - EN 430	g/m <sup>2</sup>	3400	2720	2210
Sheet size	ISO 24341 - EN 426	m (width)	2		
		m (length)	20		
		m <sup>2</sup> (surface area)	40		
Abrasion resistance	EN 660 - 2	Group	T (volume loss < 2mm <sup>3</sup> )		
	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	%	$\leq 0.40$		
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	$\Delta E \leq 8$ after 300 h (colour change)	Pass		
Static electrical propensity	EN 1815	kV	< 2 kV on concrete		
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	Type	1		
Smoke density	ASTM E 662	Dm	< 450		
Stain & chemical resistance	ISO 26987	Index	0 (Excellent resistance)		
	ASTM F925	Resistance	Pass		
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		



# Wood Essence RQ®

Heterogeneous Contract Sheet - Accoustic Contract



Characteristics	Standards	Units	Wood Essence RQ®
Classification	EN 651	PVC Flooring with Foam Backing	Commercial Acoustic Sheet Vinyl: Class 1
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			
General performance	ISO 10874 - EN 685	Classification	34: Very Heavy Commercial 43: Heavy Light Industrial
Special Treatment			RQ Protect : Foam Cushion Layer
Overall thickness	ISO 24346 - EN 428	mm	3.2
Thickness of wear layer	ISO 24340 - EN 429	mm	0.7
Weight	ISO 23997 - EN 430	g/m²	3500 ± 100
Sheet size	ISO 24341 - EN 426	m (width)	2
		m (length)	15
		m² (surface area)	30
Impact Sound	EN ISO 717/2	dB	≥ 19dB
Abrasion resistance	EN 660 - 2	Group	T (volume loss < 2mm³)
	ASTM D3389 (weight loss / 1000 cycles)	g	< 0.40
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous
Slip resistance	DIN 51130		R9
	EN 13893 ASTM D2047	Coefficient of friction	DS (> 0.30) Pass (0.70 avg)
Dimensional stability	ISO 23999	mm	≤ 0.40
Flexibility	ISO 24344	20mm mandrel	No cracking
Seam Strength	ISO 16906	N/50mm	Pass
Residual indentation	ISO 24343 - 1	mm	≤ 0.40
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6
	ASTM F1515	ΔE ≤ 800 after 300 h (colour change)	Pass
Heat stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass
Reaction to fire	EN 13501-1 : 2007+A1	Class	Cfl - S1
Stain & chemical resistance	ISO 26987	Index	0 (Excellent resistance)
	ASTM F925	Resistance	Pass

