

WOOD ESSENCE RQ®



Special Features



Applications

- Education
- Hospitality
- Bars and Coffee shops
- Boutiques and stores
- Offices
- Lobbies and Waiting areas
- Accommodation
- Leisure centre lounge areas

Product Description

Wood Essence RQ® are flexible, heterogeneous, printed floor covering with a natural design incorporated in the floors. Available in sheets and tiles, the surface wear layer is densely treated for superior wear resistance and reduced maintenance.

Wood Essence RQ® is treated with RQ Protect providing a high level of durability and acting as a barrier against stains and chemical aggression. Suitable for various applications like classrooms, libraries, supermarkets and offices. The flooring complies with group T wear rating. It is suitable for heavy traffic areas.

Wood Essence RQ® is engineered to adhere to the strictest environmental norms. The Floor coverings are also fully compliant to requisite VOC emission norms, LEED accreditation requirements the California Indoor Air Quality Standards and certified by SCS Global Services with Floorscore Certification. It also complies with latest health requirements and is completely Phthalate-free.

Wood Essence Acoustic RQ® has all the qualities plus an addition sound absorption benefit of 19dB when in use in commercial applications.

Technical Specifications

For complete Technical testing information refer to PAGE 82 and 83.

Wood Essence RQ®

Heterogeneous Contract Sheet - Phthalate Free



Evoke Your Senses

Set your interiors with versatile options in wood and decor that reflects your style. Enhanced design with zero maintenance. Such that the floor retains the original look and finish. With Phthalate-free chemistry and zero VOC emissions, feel free to use Wood Essence RQ® in any demanding environment.



WE - A1

Slate Grey



WE - A2

Tamo Ash



WE - A3

Morado Wood



WE - A4

Limba Wood



WE - A5

Classic Oak



WE - A6

English Oak



WA - A7

Walnut Hub



WE - A8

Mocca Oak



WE - A11

Moravia Oak



WE - A10

Jatoba



WE - A9

Red Sandalwood



WE - A12

Ebony Macassar

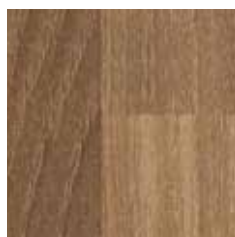
Wood Essence RQ®

Heterogeneous Contract Sheet - Phthalate Free



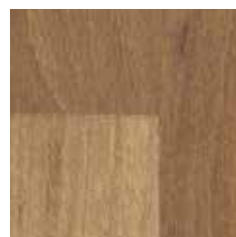
WE - B1

Grey Barn Oak



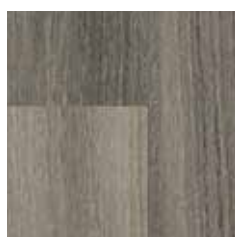
WE - B2

Brown Mahogany



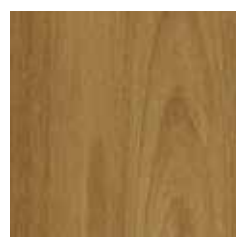
WE - B5

Urban Floor



WE - B7

Nantucket Wood



WE - B4

Cherry Caramel



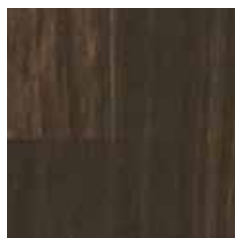
WE - B3

Onyx Maple



WE - B6

Espresso Wood



WE - B9

Coffee Maple



WE - B8

Truffle Black Oak

Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

Wood Essence RQ®

Heterogeneous Contract Sheet - Phthalate Free



WE - C1

Natural Grain



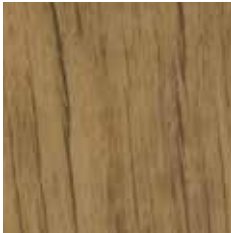
WE - C2

Amish Pine



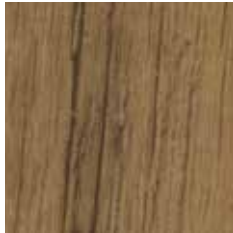
WE - C3

Canary Wood



WE - C4

Chicory Wood



WE - C5

Figured Walnut



WE - C6

Rustic Oak



WE - C7

Gunstock Oak



WE - C8

Red Chestnut



WE - C9

Reclaimed Oak



WE - C10

Grey Clouds



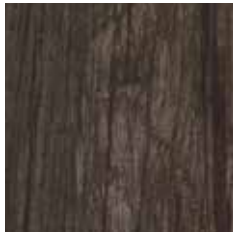
WE - C11

Brushed Grey



WE - C12

Wenge Oak



WE - C13

Dark Luxe Oak



WE - C14






Black Majestic

Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.


HETEROGENEOUS CONTRACT SHEET

Phthalate Free

Characteristics	Standards	Units	Wood Essence RQ®	Acoustic RQ®
Phthalate Free			Yes (2.00mm only)	
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m ³)	Floorscore Certified (SCS - FS - 04547)	Yes	Yes
	ISO 16000-6, TVOC after 28 days	µg/m ³	< 10 (Fully Compliant)	< 10 (Fully Compliant)
Description				
Type of floor covering	ISO 10582	Type 1 - Binder Content	Resilient Heterogeneous Floor Covering Class : 1	Commercial Acoustic Sheet Vinyl: Class 1
General Performance	ISO 10874 - EN 685	Classification	34 : Heavy Commercial 43 : Heavy Light Industrial	34 : Heavy Commercial 43 : Heavy Light Industrial
Usage / Wear Resistance	BS EN 649	Group	Heavy Duty	
Special Treatment			RQ Protect : Glass fibre grid reinforcement	RQ Protect : Foam Cushion Layer
Overall thickness	ISO 24346 - EN 428	mm	2.00*mm 1.6mm 1.3mm	3.2
Thickness of wear layer	ISO 24340 - EN 429	mm	0.7 0.2 0.15	0.7
Weight	ISO 23997 - EN 430	g/m ²	3400 2720 2210	3500 ± 100
Sheet size	ISO 24341 - EN 426	m (width)	2	2
		m (length)	20	15
		m ² (surface area)	40	30
Impact Sound	EN ISO 717/2	dB	N/A	≥ 19dB
Abrasion resistance	EN 660 - 2	Group	T (volume loss < 2mm ³)	T (volume loss < 2mm ³)
	ASTM D3389 (weight loss / 1000 cycles)	g	< 0.40	< 0.40
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	Continuous
Slip resistance	DIN 51130	Ramp Test	R 10	R9
	EN 13893 ASTM D2047	Coefficient of friction	DS (> 0.30) Pass (0.70 avg)	DS (> 0.30) Pass (0.70 avg)
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40	≤ 0.40
Flexibility	ISO 24344 - EN 435	20mm mandrel	No cracking	No cracking
	ASTM F137		Pass	
Seam Strength	ISO 16906	N/50mm	Pass	Pass
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10	≤ 0.40
	ASTM F970	psi	800	
	ASTM F1914	inches	Avg. 0.001	
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	≥ 6
	ASTM F1515	ΔE ≤ 800 after 300 h (colour change)	Pass	Pass
Static electrical propensity	EN 1815	kV	< 2 kV on concrete	
Thermal resistance	EN 12667	m ² k/w	Approx 0.01m ² k/W (suitable at 27° C)	
Heat stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass	Pass
Reaction to fire	EN ISO 9239-1	kW/m ²	≥ 8	
	EN ISO 11925-2		Pass	
	EN 13501-1 : 2007+A1	Class	Bfl - S1	Cfl - S1
	ASTM E 648	Type	1	
Smoke density	ASTM E 662	Dm	< 450	
Stain & chemical resistance	ISO 26987	Index	0 (Excellent resistance)	0 (Excellent resistance)
	ASTM F925	Resistance	Pass	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 	

	 VOC Emissions	 Fire
	 Electrical	 Slip



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