

Acousto® 340 / 380 technical specifications

description

performance

Characteristics	Standards	Units	Acousto® 340	Acousto® 380
Description	EN 651	Class	Comfort acoustic flooring	
General performance	BS EN ISO 10874: 2012	Group	34 - 42	
	BS EN 649 : 2011		T	
Usage			Medium to heavy foot traffic	
Special treatment			PUR : no wax no polish	
Overall thickness	EN 428	mm	3.40	3.80
Thickness of wear layer	EN 429, ASTM F410	mm	0.60	0.70
Weight	EN 430	g/m ²	2900	2975
Sheet size	EN 426	m (width)	2	
		m (length)	15 / 20	
		m ² (surface area)	30 / 40	
Tile size	EN 427	mm x mm	300 x 300	
			500 x 500	
			610 x 610	
Abrasion resistance	EN 660 -2	Group	T	
	EN 660 -2	Volume loss mm ³	< 2	
	ASTM D3389 (Weight loss / 1000 cycles)	g	< 0.40	
Residual indentation	EN 433	mm	≤ 0.20	
	Standard Measure		0.11 0.13	
	ASTM F970 (static load)	psi	800	
Slip resistance	DIN 51130		R 10	
	BS 7976-2 (pendulum method)		NA	
	EN 13893	Coefficient of friction	DS (> 0.30)	
	ASTM D2047		Pass (0.70 avg)	
Dimensional stability	EN 434	%	≤ 0.40	
Flexibility	EN 435	mm	< 20	
	ASTM F137		Pass	
Castor chair test	EN 425	Type of use	Continuous	
Sound insulation	EN ISO 717-2	Δ Lw = dB	17	19
Reaction to fire	EN ISO 9239-1: 2010	kW/m ²	≥ 8	
	EN ISO 11925-2: 2010		Pass	
	EN 13501-1:2007+A1: 2009	Class	Bfl - S1	
	ASTM E648-06	Type	1	
Static electrical propensity	EN 1815	kV	< 2.0	
Electrical resistance	EN 1081	Ω	< 10 ¹⁰ (Antistatic)	
Thermal resistance	ISO 8302 (EN 12664)	k/W m ²	< 0.00752	
	ASTM 1514		Pass	
Smoke density	ASTM E 662-05	Dm	< 450	
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	
Walking resonance	NF XPS 31 074	dB	12	13
Stain & chemical resistance	BS EN ISO 26987: 2012	Index	0 (Excellent resistance)	
	ASTM F925		Pass	
Fungi & bacteria resistance	(E1) PCP	%	< 0.1 (none detected)	
	ASTM G - 21		Does not favour growth	
	ASTM D3273		Pass	
Clean rooms	ASTM F51/68	Class	A, non shedding	



*NA - Not applicable

The above data is valid at the time of print. For more details regarding technical specifications, handling and installation, please contact Responsive Industries Ltd.