RESPONSIVE
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Gamma® 130 / 160 technical specifications

	Characteristics	Standards	Units	Gamma 130®	Gamma 160®
description	Description			Multi-layered heterogeneous vinyl	
	General performance	BS EN ISO 10874: 2012	Class	23 - 31	
		BS EN 649 : 2011	Group	T	
	Usage			Domestic and light commercial use	
	Special treatment			Easy maintenance PU treatment	
	Overall thickness	EN 428	mm	1.30	1.60
	Thickness of wear layer	EN 429, ASTM F410	mm	0.10	0.15
	Weight	EN 430	g/m²	2280	2720
	Sheet size	EN 426	m (width)	2	
			m (length)	20	
			m² (surface area)	40	
	Tile size	EN 427	mm x mm	300 x 300 500 x 500 610 x 610	
performance	Abrasion resistance	EN 660 -2	Group	T	
		EN 660 -2	Volume loss mm³	< 2	
		ASTM D3389 (Weight loss / 1000 cycles)	g	≤ 0.40	
	Residual indentation	EN 433	mm	~ 0.03 (≤ 0.10)	
		ASTM F970 (800 psi)	inches	Avg. 0.001	
		ASTM F1914		Pass	
		DIN 51130		R 10	
	Slip resistance	BS 7976-2 (pendulum method)		-	
		EN 13893	Coefficient of friction	-	
		ASTM D2047			
	Dimensional stability	EN 434	%	≤ 0.40	
	Flexibility	EN 435	mm	< 20	
	Castor chair test	ASTM F137		Pass	
		EN 425	Type of use	Continuous	
	Sound insulation	EN ISO 717-2	Δ Lw = dB	-	
	Reaction to fire	EN ISO 9239-1: 2010	kW/m²	≥ 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}	
	Thermal resistance	ISO 8302 (EN 12664)	k/W m²	< 0.00752	
	Smoke density	ASTM 1514		Pass	
		ASTM E 662-05	Dm	< 450	
	Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	
	Walking resonance	NF XPS 31 074		-	
	Stain & chemical resistance	BS EN ISO 26987: 2012	Index	0 (Excellent resistance)	
	Fungi & bacteria resistance	ASTM F925		Pass	
		(E1) PCP	%	-	
		ASTM G - 21		Does not favour growth	
		ASTM D3273		Pass	

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