

Imperial® 100 technical specifications

description

performance

Characteristics	Standards	Units	Imperial® 100
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	1.0 mm
Thickness of wear layer	EN 429, ASTM F410	mm	0.10
Weight	EN 430	g/m ²	1850
Sheet size	EN 426	m (width)	2
		m (length)	20
		m ² (surface area)	40
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	~ 0.03 (≤ 0.10)
	ASTM F970 (800 psi)	inches	Avg. 0.001
	ASTM F1914		Pass
Dimensional stability	EN 434	%	≤ 0.40
Flexibility	EN 435	mm	< 20
Castor chair test	ASTM F137		Pass
	EN 425	Type of use	Continuous
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
Smoke density	ASTM 1514		Pass
	ASTM E 662-05	Dm	< 450
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6

