

technical data sheet - Atlas 176 IB

Product specifications

Rigid Core SPC + EVA	EN ISO 10582	
Size	Plank	176 x 1213 x 5(4+1) (0.40) mm
	Box	11 planks / 2,348 m ² / 20,079 kg
	Pallet	55 boxes / 129,14 m ² / 976,02 kg
Density	EN ISO 23996	± 1650 kg/m ³
Installation		I4F Drop Lock
Different planks		10
Texture		Deep Wood Structure
Finish		Standard Gloss (5-7%)
Bevel		4-Sided cut bevel
Gloss level at 60°		5 %
Warranty conditions	Residential warranty	35 years
	Commercial warranty	20 years
Use class	EN ISO 10874	Class 23, Class 32
		General commercial use
		

Product properties

property		test method	min. req.	result
Reaction to fire		EN 13501-1		Bfl-s1
Residual indentation		EN ISO 24343-1	≤ 0.1 mm	0,05 mm
Dimensional stability		EN ISO 23999	≤ 0.15 %	0,03 %
UV resistance		EN ISO 105-B02	≥ 6	> 6
Slip resistance		EN 13893 EN 16165	DS (≥ 0.3) / R9	DS (0.40) / R10
Scratch resistance		EN 16094	≤ MSR-A2 / ≤ MSR-B2	MSR-B1 MSR-A2
Stain resistance		EN 438-2		Group 1 and 2 : Grade 5 Group 3 : Grade 5

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Product properties

property		test method	min. req.	result
Effect of castor chair		EN 4918 (25000 cycles)	Slight change only	No visible damage
Thermal resistance		EN 12664	< 0.15 m²K/W	0.042 m²K/W
Underfloor heating				OK (max +28°C)
Electrical properties (antistatic)		EN 1815	≤ 2.0 kV	0,1 kV
Bacterial growth				Does not act as substrate
Impact sound reduction		EN ISO 10140		ΔLw 18 dB

Environment

property		test method	min. req.	result
Indoor air certifications				M1, Phthalate free, REACH, Greenguard, Floorscore, IAC Gold, A+
TVOC (28 days)		EN 16516		< 5 µg/m³
Formaldehyde emission				
<i>CE-Marking - EN 14041</i>		EN 717-1	≤ 0.124 mg/m³	E1
<i>REACH Annex XVII</i>		EN 16516	< 0.080 mg/m³	0.003 mg/m³
Pentachlorophenol content		CEN/TR 14823	< 5 ppm	< detectable limit
Recycled content				33 %

