Amtico Click Smart
Technical Specification

ACS-TS-20230317-09-EN

Name	Standard	Symbol	Result (Standard)	Result (Parquet)
UKCA / DOP	BS EN 14041	UK CA	UKCPR/AI/014	UKCPR/AI/014
Usage Classification	EN ISO 10874	23 31 34	23, 34	23, 31
Manufacturing Standard	EN 16511		Pass	Pass
Total Thickness	ISO 24337		6.0 mm	6.0 mm
Wear Layer Thickness	EN ISO 24340		0.55 mm	0.55 mm
Weight	EN ISO 23997		9.85 kg/m²	9.85 kg/m²
Wear Resistance IP, Method A	EN 13329: 2006 +A1:2008 Annex E		≥ 4000 cycles Class 23/34	≥ 4000 cycles Class 23/34
Impact Resistance (Big Ball)	EN 13329 Annex F		No cracking >1800mm Class 23/34	No cracking >1800mm Class 23/34
Micro-scratch Resistance	EN 16094 Method A		MSR-A1	MSR-A1
Residual Indentation	EN ISO 24343-1		≤ 0.15 mm, Class 23/34	≤ 0.15 mm, Class 23/34
Dimensional Stability	EN ISO 23999		≤ 0.25%	≤ 0.25%
Click Locking Strength	ISO 24334		Long side >2.0 kN/m Short side >3.5 kN/m	Long side >2.0 kN/m Short side >3.5 kN/m
Slip Resistance	DIN 51130 EN 13893	DS	R10 Class DS	R10 Class DS
Resistance to Staining	EN 438-2		Groups 1,2 & 3 Grade 5	Groups 1,2 & 3 Grade 5
Light Stability	EN ISO 105-B02		≥ 6	≥ 6
Flammability / Smoke Emissions	EN 13501-1	B_{fl}-s1	B_{fl}-s1	B_{fl}-s1
Castor Chair Resistance (Type W)	EN ISO 4918 EN 425		Class 23/34	Class 23/31
Effect of Furniture Leg	EN ISO 16581		Class 23/34 No visible damage	Class 23/34 No visible damage
Impact Sound Insulation	EN ISO 717-2		20 dB	20 dB
Thermal Resistance	EN ISO 12664		0.036 m²K/W (Suitable for underfloor heating)	0.036 m²K/W (Suitable for underfloor heating)
Emissions	IAC Gold		Certificate no. IACG-352-02-06-2018	Certificate no. IACG-352-02-06-2018
Emissions	M1	M1	Certified https://cer.rts.fi/en/m1-emission	Certified https://cer.rts.fi/en/m1-emission
Emissions	French VOC Regulation	A+ Information sur le niveau d'émission de substances volatiles dans l'air intérieu, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).	A+	A+
Ortho-phthalate Free		ORTHO-PHTHALATE FREE	Yes - Amtico Click Smart products are manufactured using both ortho-phthalate free and bio-based plasticisers.	Yes - Amtico Click Smart products are manufactured using both ortho-phthalate free and bio-based plasticisers.
Surface Treatment			Urethane	Urethane

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