























Amtico Signature Acoustic Inc. Bio Option

Technical Specification

ASIG-TS-20250715-09-EN

Name	Standard	Symbol	Result
CE / DOP	EN 14041		CPR/AI/010
Usage Classification	EN ISO 10874		34, 42
Manufacturing Standard	BS ISO 11638		Pass
Total Thickness	EN ISO 24346		3.5 mm
Wear Layer Thickness	EN ISO 24340		1.0 mm
Acoustic Layer Thickness	EN ISO 24340		1.0 mm
Weight	EN ISO 23997		3,350 g/m ²
Dimensional Stability	EN ISO 23999		≤ 0.25%
Dimensional Stability / Curling	EN ISO 23999		Pass
Residual Indentation	EN ISO 24343-1		≤ 0.20 mm
Abrasion Resistance	BS ISO 11638		Type 1
Light Stability	EN ISO 105-B02		6 or better
Chemical Resistance	EN ISO 26987		Excellent
Castor Chair Resistance (Type W)	EN ISO 4918		Pass
Furniture Leg Resistance (Type O, 2, 3)	EN ISO 16581		Pass
Electrostatic Performance	EN 1815		≤ 2kV
Flammability / Smoke Emissions	EN 13501-1		B _{fl} -s1
Sound Reduction	EN ISO 717-2		18 dB
Thermal Resistance	EN ISO 12667		0.034 m ² K/W (suitable for underfloor heating)
Emissions	IAC Gold		Certificate no. IACG-352-01-12-2024
Emissions	M1		Certified
Emissions COV		 Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).	A+
Slip Resistance	EN 13893		Class DS
Slip Resistance	EN 16165 Annex. C EN 16165 Annex. B		PTV >36 (wet) R10
Surface Treatment			Quantum Guard Elite Urethane Coating
Ortho-phthalate			Yes - Amtico Signature Acoustic products are manufactured using both ortho-phthalate free and biobased plasticisers.
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico Signature Acoustic is manufactured incorporating an antimicrobial additive from Addmaster® - Tested against MRSA and E.Coli	≥ 99.9% reduction after 24 hrs (compared to an untreated control)
Antimicrobial Activity (Anti-viral)	ISO 21702:2019	Amtico Signature Acoustic is manufactured incorporating an antimicrobial additive from Addmaster® - Tested against SARS-CoV-2 (the virus that causes Covid-19)	≥ 85.5% reduction after 24 hrs (compared to an untreated control) ≥ 99.9% reduction after 24hrs (against the initial inoculation)

*For safety flooring with long-term retention of slip resistance refer to Amtico Signature Safety Acoustic.

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