Amtico Signature Acoustic Inc. Bio Option

Technical Specification

ASIG-TS-20260813-13-EN

Name	Standard	Symbol	Result
CE / DOP	EN 14041	CE	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 mm
Acoustic Layer Thickness	EN ISO 24340		1 mm
Weight	EN ISO 23997		3,350 g/m²
Abrasion Resistance	BS ISO 11638		Type 1
Residual Indentation	EN ISO 24343-1		≤ 0.2 mm
Dimensional Stability	EN ISO 23999		≤ 0.25%
Curling	EN ISO 23999		Pass
Slip Resistance	EN 13893		Class DS
Slip Resistance	EN 16165 Annex B EN 16165 Annex C		R10* PTV ≥36 wet
Chemical Resistance	EN ISO 26987		Excellent
Colour Fastness to Light	EN ISO 105-B02		≥ 6
Flammability / Smoke Emissions	EN 13501-1		B_{fl}-s1
Castor Chair Resistance (Type W)	EN ISO 4918		Pass
Furniture Leg Resistance (Type 0, 2, 3)	EN ISO 16581		Pass
Impact Sound Insulation	EN ISO 717-2		18dB
Thermal Resistance	EN ISO 12667		0.034 m² K/W (underfloor heating suitable)
Peel Resistance Strength	ISO 24345		Pass
Emissions	IAC Gold		Cert No. IACG-352-01-12-2025
Emissions	M1		Certified
Emissions	French VOC Regulation	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+
Ortho-Phthalate Free			Yes - Amtico Signature Acoustic products are manufactured using both ortho-phthalate free and biobased plasticisers.
Surface Treatment			Quantum Guard Elite - Urethane
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico Signature Acoustic is manufactured incorporating an antimicrobial additive – Tested against MRSA and E.Coli	≥ 99.9% reduction within 24 hrs (compared to untreated polyethylene surfaces)
Antimicrobial Activity (Anti-viral)	ISO 21702:2019	Amtico Signature Acoustic is manufactured incorporating an antimicrobial additive – Tested against SARS-CoV-2 (the virus that causes Covid-19)	≥ 85.5% reduction within 24 hrs (compared to inert glass) ≥ 99.9% reduction within 24 hrs (against the initial inoculation)
If made with Bio Attributed option	ISCC Plus		ISCC-PLUS-Cert-DE100-12801125

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

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