

Amtico Signature 36+ Acoustic Inc. Bio Option

Technical Specification

ASIG36-TS-20241107-08-EN

Name	Standard	Symbol	Result
UKCA / DOP	EN 14041		UKCPR/AI/023
Usage Classification	EN ISO 10874		23, 34, 43
Manufacturing Standard	EN 13845 BS ISO 11638		Pass Pass
Total Thickness	EN ISO 24346		3.5 mm
Wear Layer Thickness	EN ISO 24340		1.0 mm
Acoustic Foam Layer Thickness	EN ISO 24340		1.0 mm
Weight	EN ISO 23997		3400 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
Chemical Resistance	EN ISO 26987		Excellent
Castor Chair Resistance (Type W)	EN ISO 4918		Pass (continuous use)
Furniture Leg Resistance (Type 0, 2, 3)	EN 424		Pass
Electrostatic Performance	EN 1815		≤ 2kV
Flammability / Smoke Emissions	EN 13501-1		B _{fl} -s1
Impact Sound Reduction	EN ISO 717-2		17 dB
Thermal Resistance	EN ISO 12664		0,035 m ² K/W (underfloor heating suitable)
Emissions	IAC Gold		Certificate no. IACG-352-01-02-2023
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 B EN 16165 Annex C		R10* >36 wet
Slip Classification Class ESf (Footwear)	EN 13845 Annex C		Pass
Resistance to Wear	EN 13845 Annex D		34, 43
Surface Treatment			Quantum Guard Urethane Coating
Ortho-phthalate Free			Yes - Amtico Signature 36+ Acoustic products are manufactured using both ortho-phthalate free and bio-based plasticisers.
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico Signature 36+ 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 36+ 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)
If made with Bio Attributed option	ISCC Plus		ISCC-PLUS-Cert-DE100-12801122

* Amtico Signature 36+ Acoustic meets safety flooring criteria with long-term retention for slip resistance