

Amtico Signature Safety Inc. Bio Option

Technical Specification

SIGS-TS-20250522-01-EN

Name	Standard	Symbol	Result
CE / DOP	EN 14041		CPR/AI/017
Usage Classification	EN ISO 10874		34, 43
Manufacturing Standard	EN 13845		Pass
Total Thickness	EN ISO 24346		2.5 mm
Wear Layer Thickness	EN ISO 24340		1.0 mm
Weight	EN ISO 23997		3200 g/m ²
Dimensional Stability	EN ISO 23999		≤ 0.25%
Dimensional Stability / Curling	EN ISO 23999		≤ 2 mm
Residual Indentation	EN ISO 24343-1		≤ 0.1 mm
Flexibility	EN ISO 24344 Method A		Pass
Light Stability	EN ISO 105-B02		6 or better
Chemical Resistance	EN ISO 26987		Excellent
Castor Chair Resistance (Type W)	EN ISO 4918		Pass
Flammability / Smoke Emissions	EN 13501-1		B _{fl} -s1
Impact Sound Reduction	EN ISO 717-2		5 dB
Thermal Resistance	EN ISO 12667		0.017 m ² K/W (underfloor heating suitable)
Surface Treatment			Quantum Guard Urethane Coating
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 classes allant de A+ (très faibles émissions) à C (fortes émissions).	A+
Slip Resistance	EN 13893		Class DS
Slip Resistance	EN16165 Annex B EN16165 Annex C		R10* >36 wet
Slip Classification Class ESf (Footwear)	EN 13845 Annex C		Pass
Resistance to Wear	EN 13845 Annex D		34, 43
Ortho-phthalate Free			Yes - Amtico Signature Safety products are manufactured using both ortho-phthalate free and bio-based plasticisers.
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico Signature Safety 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 Safety is manufactured incorporating an antimicrobial additive from Addmaster® - Tested against SARS-CoV-2 (the virus that causes Covid-19)	≥ 85.6% 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 Safety meets safety flooring criteria with long-term retention of slip resistance.

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flooring