

Amtico Signature Inc. Bio Option

Technical Specification

SIG-TS-20260421-14-EN

Name	Standard	Symbol	Result
CE / DOP	EN 14041		CPR/AI/001
Usage Classification	EN ISO 10874		23, 34, 43
Manufacturing Standard	EN ISO 10582		Pass
Total Thickness	EN ISO 24346		2.5 mm
Wear Layer Thickness	EN ISO 24340		1 mm
Weight	EN ISO 23997		3,150 g/m ²
Abrasion Resistance	EN ISO 10582		Type 1
Residual Indentation	EN ISO 24343-1		≤ 0.1 mm
Dimensional Stability	EN ISO 23999		≤ 0.25%
Curling	EN ISO 23999		≤ 2 mm
Slip Resistance	EN 13893		Class DS
Slip Resistance	EN16165 Annex B EN16165 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
Impact Sound Insulation	EN ISO 717-2		6dB
Thermal Resistance	EN 12667		0.016 m ² K/W (underfloor heating suitable)
Electrostatic Performance	EN 1815		≤ 2 kV
Emissions	IAC Gold		Cert No. IACG-352-01-12-2024
Emissions	French VOC Regulation		A+
Emissions	M1		Certified
UPEC	U ₄ P ₃ E ₁ C ₂ Bois ou à base de bois U ₄ P ₃ E ₂ C ₂ Chape ciment ou béton		UPEC Certificate 326-001.1 http://evolution.cstb.fr
Ortho-Phthalate Free			Yes - Amtico Signature products are manufactured using both ortho-phthalate free and bio-based plasticisers.
Surface Treatment			Quantum Guard Elite - Urethane
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico Signature is manufactured incorporating an antimicrobial additive from Addmaster® - 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 is manufactured incorporating an antimicrobial additive from Addmaster® - 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-DE100-12801122

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

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flooring