

# Amtico Signature Inc. Bio Option

## Technical Specification

SIG-TS-20240731-12-EN

Name	Standard	Symbol	Result
UKCA / DOP	EN 14041		UKCPR/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		1.0 mm
Weight	EN ISO 23997		3,150 g/m <sup>2</sup>
Abrasion Resistance	EN ISO 10582		Type 1
Residual Indentation	EN ISO 24343-1		≤ 0.1 mm
Dimensional Stability	EN ISO 23999		≤ 0.25%
Dimensional Stability / Curling	EN ISO 23999		≤ 2 mm
Slip Resistance	EN 13893		Class DS
Slip Resistance	EN16165 Annex B EN16165 Annex C		R10* PTV ≥36
Chemical Resistance	EN ISO 26987		Excellent
Colour Fastness to Light	EN ISO 105-B02		≥ 6
Flammability/ Smoke Emissions	EN 13501-1		B <sub>fl</sub> -s1
Castor Chair Resistance (Type W)	EN ISO 4918		Pass
Impact Sound Insulation	EN ISO 717-2		6 dB
Thermal Resistance	EN 12667		0.014 m <sup>2</sup> K/W (underfloor heating suitable)
Electrostatic Performance	EN 1815		≤ 2 kV
Emissions	IAC Gold		Cert No. IACG-352-01-12-2022B
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+
Emissions	M1		Certified
UPEC	U <sub>4</sub> P <sub>3</sub> E <sub>1</sub> C <sub>2</sub> Bois ou à base de bois U <sub>4</sub> P <sub>3</sub> E <sub>2</sub> C <sub>2</sub> Chape ciment ou béton	UPEC 4 3 1 2  UPEC 4 3 2 2 Revêtements de sol résilients 326-0011 <a href="http://evaluation.cstb.fr">http://evaluation.cstb.fr</a>	UPEC Certificate 326-0011
Ortho-phthalate Free			Yes - Amtico Signature products are manufactured using both ortho-phthalate free and bio-based plasticisers.
Surface Treatment			Quantum Guard Elite Urethane Coating
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 after 24 hrs (compared to an untreated control)
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 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

\* for safety flooring with long-term retention of slip resistance refer to Amtico Signature 36+.