Amtico Signature Safety Inc. Bio Option

Technical Specification

SIGS-TS-20260818-03-EN

Name	Standard	Symbol	Result
CE / DOP	EN 14041	CE	CPR/AI/022
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 mm
Weight	EN ISO 23997		3,200 g/m^2
Residual Indentation	EN ISO 24343-1		≤ 0.1 mm
Dimensional Stability	EN ISO 23999		≤ 0.25%
Curling	EN ISO 23999		≤ 2 mm
Flexibility	EN ISO 24344 Method A		Pass
Slip Resistance	EN 13893		Class DS
Slip Resistance	EN 16165 Annex B EN 16165 Annex C		R10* PTV ≥36 wet
Slip Classification Class ESf (Footwear)	EN 13845 Annex C		Pass
Resistance to Wear	EN 13845 Annex D		34, 43
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		5dB
Thermal Resistance	EN 12667		0.016 m^{2}K/W (underfloor heating suitable)
Emissions	IAC		Cert No. IAC-352-01-02-2026
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 Safety products are manufactured using both ortho-phthalate free and bio-based plasticisers.
Surface Treatment			Quantum Guard - Urethane
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico Signature Safety 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 Safety 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

*Amtico Signature Safety meets safety flooring criteria with long-term retention for slip resistance.

Amtico International Head Office
Kingfield Road, Coventry
CV6 5AA, UK

+44 (0) 24 7686 1400
info@amtico.com
amtico.com

amtico flooring