Amtico Spacia Inc. Bio Option

Technical Specification

SPA-TS-20260706-18-EN

Name	Standard	Symbol	Result
CE / DOP	EN 14041	CE	CPR/AI/002
Usage Classification	EN ISO 10874	23 33 42	23, 33, 42
Manufacturing Standard	EN ISO 10582		Pass
Total Thickness	EN ISO 24346		2.5 mm
Wear Layer Thickness	EN ISO 24340		0.55 mm
Weight	EN ISO 23997		3,550 - 4,310 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	DS	Class DS
Slip Resistance	EN 16165 Annex B EN 16165 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 L CS	B_{fl}-s1
Castor Chair Resistance (Type W)	EN ISO 4918		Pass
Impact Sound Insulation	EN ISO 717-2		3 dB
Thermal Resistance	EN 12667		0.01 - 0.015 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+ 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	M1	Certified
UPEC	$U_3P_3E_1C_2$ Bois ou à base de bois $U_3P_3E_2C_2$ Chape ciment ou béton	QB UPEC 3312 QB UPEC 3322 Revêtements de sol résilients 326-002.1 http://database.cstb.fr	UPEC Certificate 326-002.1
Ortho-Phthalate Free		ORTHO-PHTHALATE FREE	Yes - Amtico Spacia products are manufactured using ortho-phthalate free plasticisers.
Surface Treatment			Quantum Guard Elite - Urethane
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico Spacia 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 Spacia 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-DE100-12801123

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

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