Amtico First
Technical Specification

FIR-TS-20250716-12-EN

Name	Standard	Symbol	Result
CE / DOP	EN 14041	CE	CPR/AI/004
Usage Classification	EN ISO 10874	23 31	23, 31
Manufacturing Standard	EN ISO 10582		Pass
Total Thickness	EN ISO 24346		2.0 mm
Wear Layer Thickness	EN ISO 24340		0.3 mm
Weight	EN ISO 23997		2700-3600 g/m²
Dimensional Stability	EN ISO 23999		≤ 0.25%
Dimensional Stability / Curling	EN ISO 23999		≤ 2 mm
Residual Indentation	EN ISO 24343-1		≤ 0.1 mm
Abrasion Resistance	EN ISO 10582		Type 1
Light Stability	EN ISO 105-B02		≥ 6
Chemical Resistance	EN ISO 26987		Excellent
Castor Chair Resistance (Type W)	EN ISO 4918		Pass
Flammability / Smoke Emissions	EN 13501-1	B_{fl}-s1	B_{fl}-s1
Static Propensity	EN 1815		≤2kV
Thermal Resistance	EN ISO 12667		0.007-0.013 m² K/W (suitable for underfloor heating)
Emissions	IAC Gold		Certificate no. IACG-352-02-05-2025
Emissions	M1	M1	Certified
Emissions COV		A+ Information sur le niveau d'émission de substances volatiles dans l'air intérieu, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).	A+
Slip Resistance	EN 13893	DS	Class DS
Slip Resistance	EN 16165 Annex B EN 16165 Annex C		R10 PTV >36 (wet)
Surface Treatment			Quantum Guard Urethane Coating
Ortho-phthalate Free		ORTHO-PHTHALATE FREE	Yes - Amtico First products are manufactured using both ortho-phthalate free and bio-based plasticisers.
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico First 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 First 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)

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amtico flooring