

Amtico Marine Inc. Bio Option

Technical Specification

MAR-TS-20240520-10-EN

Name	Standard	Symbol	Result
Usage Classification	EN ISO 10874		33, 42
Manufacturing Standard	EN ISO 10582		Pass
Total Thickness	EN ISO 24346		2.0 mm
Wear Layer Thickness	EN ISO 24340		0.55 mm
Weight	EN ISO 23997		2,850 g/m²
Abrasion Resistance	EN ISO 10582		Type 1
Residual Indentation	EN ISO 24343-1		≤ 0.10 mm
Dimensional Stability	EN ISO 23999		≤ 0.25%
Curling	EN ISO 23999		≤ 2 mm
Slip Resistance	EN 13893		Class DS
Slip Resistance	EN 16165 Annex B EN 16165 Annex C		R10 PTV ≥36 Wet
Chemical Resistance	EN ISO 26987		Excellent
Light Stability	EN ISO 105-B02		≥ 6
Reaction to Fire Class	EN ISO 13501-1		B _{fl} -s1
Flammability / Smoke Emissions	IMO MSC FTP Code 2010 (Parts 2 & 5)		Pass
Flammability / Smoke Emissions	MSN 1874 M+F Amendment 6		8512/2023
Heat of Combustion	EN ISO 1716		14 MJ/kg
Castor Chair Resistance (Type W)	EN ISO 4918		Pass
Thermal Resistance	EN ISO 12664		0.012 m² K/W (underfloor heating suitable)
Electrostatic Performance	EN 1815		≤ 2 kV
Emissions	IAC Gold		Certificate no. IACG-352-01-10-2022
Emissions	M1		Certified. https://cer.rts.fi/en/m1
Ortho-phthalate Free			Yes - Amtico Marine products are manufactured using both ortho-phthalate free and biobased plasticisers.
Surface Treatment			Quantum Guard Elite Urethane coating
Antimicrobial Activity (Anti-bacterial)	ISO 22196:2011	Amtico Marine 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 Marine 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