# Amtico Signature Safety Acoustic Inc. Bio Option

## Technical Specification

ASIGS-TS-20260813-02-EN

| Name | Standard | Symbol | Result |
|---|---|---|---|
| CE / DOP | EN 14041 | CE | CPR/AI/023 |
| Usage Classification | EN ISO 10874 | | 23, 34, 43 |
| Manufacturing Standard | EN 13845<br>EN ISO 11638 | | Pass |
| Total Thickness | EN ISO 24346 | | 3.5 mm |
| Wear Layer Thickness | EN ISO 24340 | | 1 mm |
| Acoustic Layer Thickness | EN ISO 24340 | | 1 mm |
| Weight | EN ISO 23997 | | 3,400 g/m$^2$ |
| Abrasion Resistance | EN ISO 11638 | | Type 1 |
| Residual Indentation | EN ISO 24343-1 | | ≤ 0.2 mm |
| Dimensional Stability | EN ISO 23999 | | ≤ 0.25% |
| Curling | EN ISO 23999 | | Pass |
| Slip Resistance | EN 13893 | DS | Class DS |
| Slip Resistance | EN 16165 Annex B<br>EN 16165 Annex C | | R10*<br>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 | G CS $B_{fl}$-s1 | $B_{fl}$-s1 |
| Castor Chair Resistance (Type W) | EN ISO 4918 | | Pass |
| Furniture Leg Resistance (Type 0, 2, 3) | EN ISO 16581 | | Pass |
| Impact Sound Insulation | EN ISO 717-2 | | 18dB |
| Thermal Resistance | EN 12667 | | 0.035 m$^2$ K/W<br>(underfloor heating suitable) |
| Electrostatic Performance | EN 1815 | | ≤ 2 kV |
| Peel Resistance Strength | ISO 24345 | | Pass |
| Emissions | IAC | | Cert No. IAC-352-01-02-2026 |
| 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+ |
| Ortho-Phthalate Free | | ORTHO-PHTHALATE FREE | Yes - Amtico Signature Safety Acoustic products are manufactured using both ortho-phthalate free and bio-based plasticisers. |
| Surface Treatment | | | Quantum Guard - Urethane |
| Antimicrobial Activity<br>(Anti-bacterial) | ISO 22196:2011 | Amtico Signature Safety Acoustic is manufactured incorporating an antimicrobial additive - Tested against MRSA and E.Coli | ≥ 99.9% reduction within 24 hrs<br>(compared to untreated polyethylene surfaces) |
| Antimicrobial Activity<br>(Anti-viral) | ISO 21702:2019 | Amtico Signature Safety Acoustic is manufactured incorporating an antimicrobial additive - Tested against SARS-CoV-2 (the virus that causes Covid-19) | ≥ 85.5% reduction within 24 hrs<br>(compared to inert glass)<br>≥ 99.9% reduction within 24 hrs<br>(against the initial inoculation) |
| If made with Bio Attributed option | ISCC Plus | | ISCC-PLUS-Cert-DE100-12801125 |

*Amtico Signature Safety Acoustic 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