Zeus ANT48 (3.5 mm)

Technical Data Sheet (TDS)

Characteristic	Standard	Unit	Requirement**	Result*
Electrostatic Propensity	AATCC 134	kV	-	1.2 (Positive)
Electrical Resistance	ANSI ESD 7.1 ASTM F150/NFPA99	Ohms	-	50% RH: 3.9 x 10^8, 12% RH 4.0 x 10^8 (RTG) 50% RH: 9.0 x 10^8, 12% RH 1.4 x 10^9 (RTT)
Resistance to Ground	ANSI ESD STM97.1	Ohms	-	2.0 x 10^8 (both feet)
Body Voltage	ANSI ESD STM97.2	kV	-	0.050 (tested with conductive shoes)
Modulus at 10% Elongation	ASTM D412	psi	≥300	383.71
Static Coefficient of Friction (neolite heel)	ASTM D2047	-	≥0.50 (dry)	≥0.80 (dry)
Durometer Hardness	ASTM D2240	Shore A	≥85	≥85
Abrasion Resistance (H18 wheel, 500g, 1000 cycles)	ASTM D3389	g loss	≤1.0	0.58
Critical Radiant Flux	ASTM E648	W/cm^2	≥0.45	≥0.45 (Class 1)
Optical Density of Smoke	ASTM E662	-	≤450	≤450
Impact Sound Transmission Reduction	ASTM E2179	dB	-	≈13 (ΔIIC)
Chemical Resistance	ASTM F925	-	≤Slight Change	Compliant***
Static Loading	ASTM F970	in	≤0.005 (at 250 psi)	0.002 (at 250 psi) 0.003 (at 800 psi)
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Tile Size	ASTM F2055	mm	±0.45	Compliant
Tile Squareness	ASTM F2055	mm	≤0.254	Compliant
Dimensional Stability of Tile	ASTM F2199	%	≤0.15	Compliant
Resistance to Fungi	ASTM G21	-	-	No Growth
Electrical Resistance	EN 1081	Ohm	-	14.53 x 10^6
Static Generation	EN 1815	kV	-	≤2 (Antistatic)
Static Decay	FTM 4046 of FS 101b	sec	-	-0.03

Health and Environmental Attributes		
Indoor Air Quality (VOC Emissions)	AgBB French Decree № 2011-321 (Class A+)	✓ ✓
Health-Conscious Production	Zeus ANT48 is free from red listed ingredients (LBC Red List v4.0) and is manufactured without bisphenol A (BPA), formaldehyde, halogens, heavy metals, isocyanates, phthalates and polyvinyl chloride (PVC).	
Manufacturing Plant	ISO 9001 and ISO 14001 certified plant. Floor covering manufactured using 100% renewable electric energy sources: water, wind & solar.	

Weight and Dimensions	**Metric**	**Imperial**
Thickness (ASTM F386)	3.5 mm (±0.15 mm)	0.137” (±0.006”)
Weight	~5.6 kg/m^2	~1.15 lb/ft^2
Rubber Tile Size	100 cm x 100 cm	39 3/8” x 39 3/8”

*Result from manufacturing controls or third-party testing can vary between production lots, laboratories, methods and/or equipment, and as such do not constitute representations or warranties as to any particular production lot. Mondo reserves the right to modify product design and/or specifications at any time without notice.

****Manufactured product must respect the minimal requirement for the characteristic listed.**

***For the complete list of chemicals tested, concentrations and contact time, please communicate with Mondo’s Technical Department.

Technical and warranty information is available for download at www.mondocontractflooring.com

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