








Characteristic	Standard	Unit	Requirement**	Result*
Modulus at 10% Elongation	ASTM D412	psi	≥300	386.37
Static Coefficient of Friction (neolite heel)	ASTM D2047	-	≥0.50 (dry)	≥0.80 (dry)
Durometer Hardness	ASTM D2240	Shore A	≥85	90
Abrasion Resistance (H18 wheel, 1000 g, 1000 cycles)	ASTM D3389	g loss	≤1.0	0.54
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45	≥0.45 (Class I)
Optical Density of Smoke	ASTM E662	-	≤450	≤450
Impact Sound Transmission Reduction	ASTM E2179	dB	-	≈15 (ΔIIC)
Wear Layer Thickness	ASTM F410	mm	≥1	Compliant
Chemical Resistance	ASTM F925	-	≤Slight Change	Compliant***
Static Loading	ASTM F970	in	≤0.005 (at 250 psi)	0.001 (tested at 250 psi) 0.004 (tested 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

Health and Environmental Attributes

Indoor Air Quality (VOC Emissions)	AgBB CA Section 01350 French Decree № 2011-321 (Class A+) GREENGUARD Certification GREENGUARD Gold M1 Emission Class for Building Materials	     
Environmental Label	The Blue Angel (RAL-UZ 120)	
Health-Conscious Production	Lava is free from red listed ingredients (LBC Red List v4.0) and is manufactured <u>without</u> bisphenol A (BPA), formaldehyde, halogens, heavy metals, isocyanates, phthalates and polyvinyl chloride (PVC). HPD (Health Product Declaration) and EPD (Environmental Product Declaration) available.	
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 mm (±0.15 mm)	0.118" (±0.006")
Weight	~4.7 kg/m ²	~0.96 lb/ft ²
Rubber Sheet Width	1.90 m	6'2"
Rubber Sheet Length	10 m [min. 6 m; max. 18 m]	32'9" [min. 19'8"; max. 59']
Rubber Tile Size	61 cm x 61 cm	24" x 24"

*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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