

## Product Description

Low-maintenance, low-emitting, premium prefabricated vulcanized dual-durometer rubber flooring with MondoShield PRO. Smooth surface with randomly dispersed natural coconut husk fibers. Factory applied low-gloss surface treatment cured by ultraviolet (UV) processing.

<b>Thickness</b> (ASTM F386)	0.118" (±0.006") 3 mm (±0.15 mm)	<b>Weight</b>	~1.00 lb/ft <sup>2</sup> ~4.9 kg/m <sup>2</sup>	<b>Tile</b>	24" x 24" 61 cm x 61 cm	<b>Sheet</b>	6'2" width, 32'9" average length* 1.9 m width, 10 m average length*
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\*Min. length 19'8" (6 m), max. length 59' (18 m).

## Product Performance

Test	Characteristic	Condition(s)	Requirement**	Result***
ASTM D412	Modulus at 10% Elongation	-	≥300 psi	455.64 psi
ASTM D2047	Static Coefficient of Friction	Dry, neolite heel	≥0.50	≥0.95
ASTM D2240	Durometer Hardness	Shore A durometer	≥85	95
ASTM D3389	Abrasion Resistance	H18 wheel, 1000 cycles	<1.0 g loss (500 gf load)	<0.5 g loss (1000 gf load)
ASTM E648	Critical Radiant Flux	-	≥0.45 W/cm <sup>2</sup> (Class 1)	≥0.45 W/cm <sup>2</sup> (Class 1)
ASTM E662	Optical Density of Smoke	-	≤450	≤450
ASTM E2179	Impact Sound Transmission Reduction	-	-	≈11 dB (ΔIIC)
ASTM F410	Wear Layer Thickness	-	<1.0 mm	Compliant
ASTM F925	Chemical Resistance	-	≤Slight change	Compliant****
ASTM F970	Static Loading	250 psi	≤0.005 inch	0.001 inch
ASTM F970	Static Loading	800 psi	-	0.004 inch
ASTM F1514	Color Resistance to Heat	-	≤8.0 ΔE	Compliant
ASTM F1515	Color Resistance to Light	-	≤8.0 ΔE	Compliant
ASTM F2055	Tile Size	-	±0.45 mm	Compliant
ASTM F2055	Tile Squareness	-	≤0.254 mm	Compliant
ASTM F2199	Dimensional Stability of Tile	-	≤0.15%	Compliant
ASTM G21	Resistance to Fungi	ATCC9642, ATCC11797, ATCC6205, ATCC9645 & ATCC15233	-	No growth

\*\*For each individual test, the manufactured product is only required to meet any applicable requirement listed in the Requirement column.

\*\*\*A result obtained from testing during manufacturing controls and/or third-party verifications may vary between production lots, laboratories, methods and/or equipment, and as such any listed result in the Result column does not constitute representation or warranty as to any particular production lot. Mondo reserves the right to modify product design and/or specifications at any time without notice.

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

## Health and the Environment

KAYAR is manufactured in a facility that has ISO 9001, ISO 14001, ISO 14064 and ISO 50001 certificates, and 100% of the electric energy used comes from renewable sources: water, wind and solar. Presently, 20% of production cut-offs are diverted from waste and re-injected back into our production process. Tested per ASTM D6866, KAYAR has ≥8% bio-based content. At Mondo, we pride ourselves on producing premium high-quality rubber flooring products that can be utilized in areas with stringent health and safety controls; we do not use red listed ingredients (2023 LBC Red List CASRN Guide) to manufacture our rubber flooring products, which includes but is not limited to harmful chemicals of concern like bisphenol A (BPA), formaldehyde, halogens, heavy metals, isocyanates, phthalates, polyvinyl chloride (PVC), PFAs and PFCs. This product is Cradle to Cradle certified SILVER. A product-specific Type III Environmental Product Declaration (EPD) is available. KAYAR complies with CDPH v1.2-2017 (California Section 01350) and meets the requirements of the following standards:

<b>AgBB</b> 	<b>Blue Angel</b> 	<b>Cradle to Cradle SILVER</b> 	<b>French Decree No 2011-321</b> 	<b>GREENGUARD GOLD</b> 	<b>M1</b> 
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## Warranty

15-Year Standard Limited Material Warranty. Refer to current copy of Mondo's Standard Limited Material Warranty for all terms and conditions. Warranty details or copy available at [www.mondocontractflooring.com](http://www.mondocontractflooring.com) or through our Technical Department at [technical@mondousa.com](mailto:technical@mondousa.com).