

Elements – 8mm Rolled Rubber

Gym Flooring

Technical Data

Product Description

- **Material:** Recycled Rubber Resilient Flooring
- **Thickness:** 8mm
- **Mat Sizes:** 4' x 25' / 4' x 50'

Criteria	Test	Result
Tensile Strength	ASTM D412	>200 PSI, min
Flexibility ¼" mandrel	ASTM F137	Pass
Thermal Resistance "R"	ASTM C518	0.10 F-ft ² -h/Btu
Static Load Limit	ASTM F970 @ 400 PSI	< 0.005 in.
Slip Resistance / Coefficient of	ASTM D2047	> 0.9
VOCs / FloorScore / CHPS / CA	ASTM D5116	Certified
Color Stability	ASTM F1515	Good
Chemical Resistance	ASTM F925	1. 5% Acetic Acid: No Change 2. 70% Isopropyl Alcohol: No Change 3. 5% Sodium Hydroxide: No Change 4. 5% Hydrochloric Acid: No Change 5. 5% Ammonia: No Change 6. Bleach: No Change 7. 5% Phenol: No Change 8. Sulfuric Acid: No Change
Abrasion Resistance	ASTM D3389 / EN 649	<1g, 100 cycles
Flammability – Pill Test	ASTM D2859	Pass
Vertical Deflection / Deformati	ASTM F2772	0.7 mm
Surface Effect Slip Resistance	ASTM F2772	Pass
Ball Rebound	ASTM F2772	99.7%
Force Reduction	ASTM F2772	12.6%
Ambient Noise Reduction, Sab	ASTM C423	0.1
Impact Insulation Class	ASTM E492	53 minimum
Delta IIC	ASTM E2179	22
Force Reduction	Deltec	10.4%
Energy Restitution	Deltec	71.9%
Sound Transmission Coefficien	ASTM E90	54 Minimum