

ECOsilence 2



ECOsilence is a flat, resilient underlayment used directly under most floor finishes. It yields exceptional results even under hard surface flooring and over concrete and wood joist construction.

Markets

- Multi-Family
- Hospitality
- Health & Wellness
- Corporate

Applications

- Acoustical Underlayment
- Crack Isolation Membrane
- Offices

Benefits

- Compatible with most floor finishes
- Made from recycled rubber
- Exceeds IIC requirements
- Adheres to IAQ standards
- Lifetime warranty
- Maintains a low profile

Product Information

Nominal Dimensions:

Available as a standard in rolls. Talk to your local agent to determine availability, pricing, minimums, and lead times.



Rolls:
2mm in 4' by 75' (1.2m by 22.9m) roll size
Sheet weight: 0.37lb/ft²
Standard Tolerances: Width: +1/2" - 1/4";
Length: +1% - 0"; Thickness: ±0.4mm



Safety



Ergonomics



Acoustics

Technical Details

Performance Criteria	Test Standard	Typical Results
Density	ASTM D297	0.72 g/cm ³ , min
Thickness	ASTM D3673	2mm (0.08")
Tensile Strength	ASTM D412 Die C	80 psi, min.
Elongation	ASTM D412 Die C	50%, min.
Tear Strength	ASTM D624 Die C	30 ppi, min
Compression @100 psi	ASTM F36	20-30%, 85%, min.
Shore A Hardness	ASTM D2240	40
Flexibility	ASTM F147	1 factor, max.
Compression Set B, 25% Deflection, 158°/22 hrs	ASTM D395	40% max.
Coefficient of Friction	ASTM D1894	1.2
Crack Resistance	ANSI 118.12 5.4	High Performance

* Tested on a 6" concrete slab with no ceiling.

SAMPLE RATINGS: IIC 72, STC 72 with wood flooring, 1 layer ECOsilence 2, 8" reinforced concrete slab, suspended ceiling (NGC 5004001, 7004004)

IIC 50, STC 63 with LVT flooring, 1" gypsum concrete, ECOsilence 2, wood truss, resilient channels, suspended ceiling (ATI C8706 05-113-11-R0).

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