

ECOsilence 5



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:
5mm in 4' by 30' (1.2m by 9.1m) roll size
Sheet weight: 0.84lb/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	44.9 lbs/ft 3-0.72 g/cm ³ , min.
Thickness	ASTM D3673	5mm (0.197")
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 58, STC 55 with laminate flooring, 1 layer ECOsilence 5, 7" reinforced concrete slab, no ceiling (ATI C5673.02-113-11)

IIC 52, STC 64 with ceramic tile, cement board, ECOsilence 5, wood truss, resilient channels, suspended ceiling (D0875.02-113-11).

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