

ECOsilence 10



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:
10mm in 4' by 15' (1.2m by 4.6m) roll size
Sheet weight: 1.5lb/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 | 10mm (0.394") |
| 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 53, STC 57 with porcelain tile, 1 layer ECOsilence 10, 8" reinforced concrete slab, no suspended ceiling (ATI D6771 03-113-11-R0)

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