

Sales Data Sheet

ECOsilence 5

A flat, resilient, recycled rubber underlayment to be used directly under most floor finishes, yielding exceptional results even under hard surface flooring, over concrete and wood joist construction.

Dimensions

- 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

Performance Attributes

- Can thin-set tile and stone directly to the product per ASTM C627
- Compatible with most floor finishes
- Fast installation
- Available in 48" wide rolls and a variety of thicknesses
- Vapor barrier membrane option available
- Crack isolation membrane protects ceramic tile, porcelain and stone tile from substrate cracks
- Rated extra heavy by the Tile Council of North America
- Passes VOC Washington State IAQ Test (ASTM D5116)
- Can contribute toward earning up to 9 LEED points

Acoustics

Backed by over 400 independent lab and field tests, ECOsilence has been proven to provide the highest levels of IIC sound isolation in the industry. Contact us to access the test reports that meet your needs.

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).

Technical Data

The values shown represent current production based on standard Ecosilence specs and may vary per thickness. This material has a shelf life of 5 years from date of manufacture when protected from environmental extremes.

Property	Test Method	Typical Results
Density	ASTM D297	44.9 lbs/ft ³ -0.72 g/cm ³ , min.
Thickness	ASTM D3676	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 recovery	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

