SOUND REDUCER 5

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

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 option available
- Crack isolation membrane protects ceramic tile, porcelain and stone tile from substrate cracks
- Rated light by the Tile Council of North America
- Passes VOC Washington State IAQ Test (ASTM D5116)
- Can contribute toward earning up to 9 LEED points

DIMENSIONS

- 5mm in 4' by 30' (1.2m by 9.1m) roll size
- Sheet weight: 0.84lb/ft ^{2}
- Standard Tolerances: Width: +3/4" - 0"; Length: +1% - 0"; Thickness: ±0.3mm

ACOUSTICS

Backed by over 400 independent lab and field tests, Sound Reducer 5 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 Sound Reducer 5, 7" reinforced concrete slab, no ceiling (ATI C5673.02-113-11)

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

TECHNICAL DATA

The values shown represent current production based on standard Sound Reducer **5** 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, min.
Thickness	ASTM D3676	5mm (0.197")
Tensile Strength	ASTM D412, Die C	80 psi, min.
Elongation	ASTM D412, Die C	50%, min.
Tear Strenth	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