

# SOUND REDUCER 2

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 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

## DIMENSIONS

- 2mm in 4' by 75' (1.2m by 22.9m) roll size
- Sheet weight: 0.37lb/ft<sup>2</sup>
- Standard Tolerances: Width: +3/4" - 0"; Length: +1% - 0"; Thickness: ±0.3mm

## ACOUSTICS

Backed by over 400 independent lab and field tests, Sound Reducer 2 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 72, STC 72** with wood flooring, 1 layer Sound Reducer 2, 8" reinforced concrete slab, suspended ceiling (NGC 5004001, 7004004)

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



## TECHNICAL DATA

The values shown represent current production based on standard Sound Reducer 2 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	0.72 g/cm <sup>3</sup> , min.
Thickness	ASTM D3676	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 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