



## SPEC SHEET

# QTSCU 4002

QT Sound Insulation is a high-quality sound control underlayment manufactured in the USA. QT is backed by hundreds of acoustical tests and a team of acoustical engineers to help you provide the right acoustic solution.

### PERFORMANCE ATTRIBUTES

- Applicable for a wide range of flooring types (tile, wood, laminate, LVT, carpet)
- Vapor barrier option available
- Crack isolation membrane (ANSI A118.12) protects ceramic, porcelain and stone tile from substrate cracks
- Commercially rated by the Tile Council of North America
- Can contribute toward earning up to 9 LEED points
- Supported by over 550 independent lab/field test and a team of acoustical engineers
- Superior long-term acoustical performance-will not degrade over time

### DIMENSIONS

- 2mm(1/8"); 48" x 75 LF
- Sheet weight: 0.40lb/ft<sup>2</sup>
- Standard Tolerances: Width: +1/2" - 1/4"; Length: +1% - 0"; Thickness: ±0.4mm

### ACOUSTICS

- Wood flooring, QTscu 4002, 8" concrete slab, 1 layer gypsum board suspended ceiling – STC 72 | IIC 72 | HIIC 78 (5004001, 7004004)
- LVT flooring, QTscu 4002, 6" concrete slab, 1 layer gypsum board suspended ceiling – STC 62 | IIC 62 | HIIC 61 (D7519.10)
- Wood flooring, QTscu 4002, ¾" gypsum concrete, 18" OWT, RC, 1 layer gypsum board – STC 59 | IIC 55 | HIIC 63 (I2271.09)
- LVT flooring, QTscu 4002, ¾" gypsum concrete, 18" OWT, RC, 1 layer gypsum board – STC 60 | IIC 52 | HIIC 55 (I2271.03)
- Tile flooring, QTscu 4002, ¾" gypsum concrete, 18" OWT, RC, 1 layer gypsum board – STC 61 | IIC 51 | HIIC 52 (I2271.08)

### TECHNICAL DATA

Property	Test Method	Typical Results
Density	ASTM D297	60lb/ft <sup>3</sup>
Thickness	ASTM D3676	2mm (1/8")
Tensile Strength	ASTM D412, Die C	180 psi, min.
Compression @ 100psi	ASTM F36	20-30%
Shore A Hardness	ASTM D2240	55
Crack Resistance	ANSI 118.12 5.4	High Performance
Robinson Wheel	ASTM C627	Extra Heavy



**THE ORIGINAL RECYCLED RUBBER IMPACT SOUND INSULATION SINCE 2000.**

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

[qtsoundcontrol.com](http://qtsoundcontrol.com) | 866.326.5712

This information reflects most recent test results and is subject to change when necessary.