



## SPEC SHEET

# QTSCU 4005

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 650 independent lab/field tests and a team of acoustical engineers
- Superior long-term acoustical performance-will not degrade over time

### DIMENSIONS

- 5mm(.20"); 48" x 30 LF
- 0.8 lb/ft<sup>2</sup>
- Standard Tolerances: Width:  $\pm 1/2"$  –  $1/4"$ , Length: + 1% - 0", Thickness:  $\pm 0.4$ mm

### ACOUSTICS

- Tile flooring, QTscu 4005, 8" concrete slab – STC 57 | IIC 51 | HIIC 51 (D6771.02)
- Wood flooring, 8" concrete slab, 1 layer gypsum board suspended ceiling – STC 62 | IIC 67 | HIIC 69 (E3618.02)
- LVT flooring, 8" concrete slab, 1 layer gypsum board suspended ceiling – STC 62 | IIC 68 | HIIC 70 (E3618.04)
- LVT flooring, QTscu 4005,  $3/4"$  gypsum concrete, 18" OWT, RC, 1 layer gypsum board – STC 61 | IIC 54 | HIIC 65 (I2271.04)

### TECHNICAL DATA

Property	Test Method	Typical Results
Density	ASTM D297	50 lb/ft <sup>3</sup>
Thickness	ASTM D3676	5mm (.20")
Tensile Strength	ASTM D412, Die C	100 psi
Compression @100 psi	ASTM F36	20-30%
Shore A Hardness	ASTM D2240	48
Crack Resistance	ANSI 118.12 5.4	High Performance



**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 | 866.326.5712**

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