



## SPEC SHEET

# QTSCU 4010

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, 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

- 10mm (.39"); 48" x 15 LF  
OR
- 10mm(.39"); 30" x 48" Sheets
- Sheet weight: 1.7lb/ft<sup>2</sup>
- Standard Tolerances: Width: +1/2" – 1/4", Length: + 1% - 0", Thickness: ±0.4mm

### ACOUSTICS

- Tile flooring, QTscu 4010, 3/4" gypsum concrete, 18" OWT, RC, 1 layer gypsum board –  
STC 61 | IIC 54 | HIIC 57 (I2271.07)
- Wood flooring, QTscu 4010, 6" concrete slab –  
STC 53 | IIC 56 | HIIC 61 (R8325.04)
- Wood flooring, QTscu 4010, 3/4" gypsum concrete, TJI joists, RC, 2 layers of gypsum board  
STC 59 | IIC 57 | HIIC 64 (P4252.12)

### TECHNICAL DATA

| Property             | Test Method      | Typical Results       |
|----------------------|------------------|-----------------------|
| Density              | ASTM D297        | 51 lb/ft <sup>3</sup> |
| Thickness            | ASTM D3676       | 10mm (.39")           |
| Tensile Strength     | ASTM D412, Die C | 100 psi               |
| Compression @100 psi | ASTM F36         | 20-30%                |
| Shore A Hardness     | ASTM D2240       | 50                    |
| 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](http://qtsoundcontrol.com) | 866.326.5712

This information reflects most recent test results and is subject to change when necessary. 10.23.2025