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

ACOUSTICS

- Tile flooring, QTscu 4005, 8" concrete slab – STC 56 | IIC 54 | HIIC 56 (Q2379.07)
- Wood flooring, QTscu 4005, 2-1/4" concrete, 5-ply CLT– STC 45 | IIC 52 | HIIC 56
- LVT flooring, QTscu 4005, 8" concrete slab, 1 layer gypsum board suspended ceiling – STC 62 | IIC 68 | HIIC 70 (E3618.04)
- LVT flooring, QTscu 4005, ¾" gypsum concrete, 18" OWT, RC, 1 layer gypsum board – STC 61 | IIC 54 | HIIC 65 (I2271.04)

DIMENSIONS

- 5mm (.20"); 48" x 30 LF
  OR
- 5mm (.20"); 30" x 48" Sheets
- 0.8 lb/ft^2
- Standard Tolerances: Width: +½" – ¼", Length: + 1% - 0", Thickness: ±0.4mm

TECHNICAL DATA

Property	Test Method	Typical Results
Density	ASTM D297	51 lb/ft^3
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	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 | 866.326.5712

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