



SPEC SHEET

QTSCU 4012

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 test and a team of acoustical engineers
- Superior long-term acoustical performance-will not degrade over time

ACOUSTICS

- Tile flooring, QTscu 4012, 8" concrete slab – IIC 55 | HIIC 58 (7006029)
- Wood flooring, QTscu 4012, 6" concrete slab – STC 54 | IIC 57 | HIIC 65 (R8325.05)
- Ceramic tile flooring, QTscu 4012, 3/4" gypsum concrete, TJI joists, RC, 2 layers of gypsum board STC 60 | IIC 54 | HIIC 55 (P4252.08)

DIMENSIONS

- 12mm (.47"); 48" x 15 LF
OR
- 12mm (.47"); 30" x 48" Sheets
- Sheet weight: 2lb/ft²
- Standard Tolerances: Width: +1/2" – 1/4"; Length: +1% -0"; Thickness: ±0.4mm



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.

TECHNICAL DATA

Property	Test Method	Typical Results
Density	ASTM D297	51 lb/ft ³
Thickness	ASTM D3676	12mm (.47")
Tensile Strength	ASTM D412, Die C	100 psi
Compression @100 psi	ASTM F36	20-30%
Shore A Hardness	ASTM D2240	50
Crack Resistance	ANSI A118.12 5.4	High Performance

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