



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.



Dimensions

- 2mm(1/8"); 48" x 75 LF
- Sheet weight: 0.37lb/ft²
- Standard Tolerances: Width: +1/2" - 1/4"; Length: +1% - 0"; Thickness: ±0.4mm

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
- FloorScore Certified
- 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

Technical Data

Property	Test Method	Typical Results
Density	ASTM D297	60lb/ft ³
Thickness	ASTM D3676	2mm (0.08")
Tensile Strength	ASTM D412, Die C	180 psi, min.
Shore A Hardness	ASTM D2240	55
Crack Resistance	ANSI 118.12 5.4	High Performance
Robinson Wheel	ASTM C627	Extra Heavy

Acoustics

Sample Ratings: IIC 72, STC 72 with wood flooring, 1 layer QTscu 4002, 8" reinforced concrete slab, suspended ceiling (NGC 5004001, 7004004)

IIC 50, STC 63 with LVT flooring, 1" gypsum concrete, QTscu 4002, wood truss, resilient channels, suspended ceiling (ATI C8706.05).

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.