



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.



Dimensions

- 12mm(1/2"); 48" x 15 LF
- Sheet weight: 1.8lb/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	51 lb/ft ³
Thickness	ASTM D3676	12mm (0.472")
Tensile Strength	ASTM D412, Die C	100 psi
Compression @100 psi	ASTM F36	20-30%
Shore A Hardness	ASTM D2240	48

Acoustics

- **Sample Ratings:** IIC 53, STC 57 with porcelain tile, 1 layer QTscu, 8" reinforced concrete slab, no suspended ceiling (ATI D6771.04)

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.