



# QTscu 4005

The original recycled rubber impact sound insulation.  
Since 2000.

A flat, resilient, recycled rubber underlayment to be used directly under most floor finishes, yielding exceptional results even under hard surface flooring, over concrete and wood joist construction.



## Performance Attributes

- Can thin-set tile and stone directly to the product per ASTM C627
- Compatible with most floor finishes
- Fast installation
- Available in 48" wide rolls and a variety of thicknesses
- Vapor barrier option available

- Crack isolation membrane protects ceramic tile, porcelain and stone tile from substrate cracks
- Rated light commercial by the Tile Council of North America
- Passes VOC Washington State IAQ Test (ASTM D5116)
- Can contribute toward earning up to 9 LEED points

## Dimensions

- 5mm in 4' by 30' (1.2m by 9.1m) roll size
- Sheet weight: 0.84lb/ft<sup>2</sup>
- Standard Tolerances: Width: +3/4" - 0"; Length: +1% - 0"; Thickness: ±0.3mm

## Acoustics

Backed by over 400 independent lab and field tests, QTscu has been proven to provide the highest levels of IIC sound isolation in the industry. Contact us to access the test reports that meet your needs.

Sample Ratings: IIC 58, STC 55 with laminate flooring, 1 layer QTscu 4005, 7" reinforced concrete slab, no ceiling (ATI C5673.02-113-11)

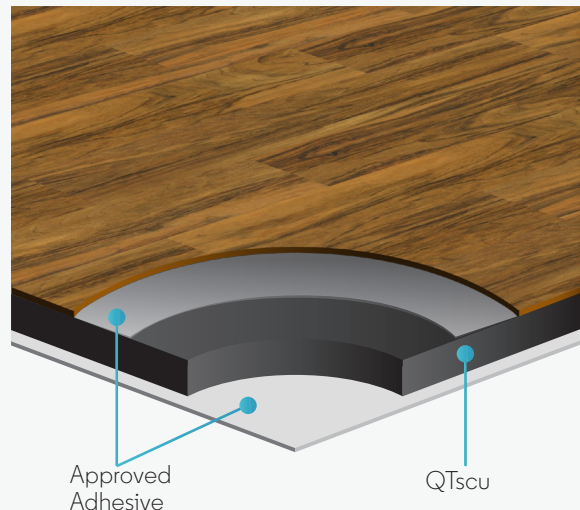
IIC 52, STC 64 with ceramic tile, cement board, QTscu 4005, wood truss, resilient channels, suspended ceiling (D0875.02-113-11).



## Technical Data

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.

| Property                                       | Test Method      | Typical Results             |
|--|------------------|-----------------------------|
| Density  | ASTM D297        | 0.72 g/cm <sup>3</sup> min. |
| Thickness                                      | ASTM D3676       | 5mm (0.197")                |
| Tensile Strength                               | ASTM D412, Die C | 80 psi, min.                |
| Elongation                                     | ASTM D412, Die C | 50%, min.                   |
| Tear Strength                                  | ASTM D624, Die C | 30 ppi, min.                |
| Compression @ 100 psi recovery                 | ASTM F36         | 20-30%, 85%, min.           |
| Shore A Hardness                               | ASTM D2240       | 40                          |
| Flexibility                                    | ASTM F147        | 1 factor, max.              |
| Compression Set B, 25% Deflection, 158°/22 hrs | ASTM D395        | 40% max.                    |
| Coefficient of Friction                        | ASTM D1894       | 1.2                         |
| Crack Resistance                               | ANSI 118.12 5.4  | High Performance            |



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<http://www.qtsoundcontrol.com/> | 866.326.5712

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