

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

## 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

Desnity  
Thickness  
Tensile Strength  
Elongation  
Tear Strenth  
Compression @ 100 psi recovery  
shore A Hardness  
Flexibility  
Compression Set B, 25% Deflection, 158°/22 hrs  
Coefficient of Friction  
Crack Resistance

### TEST METHOD

ASTM D297  
ASTM D3676  
ASTM D412, Die C  
ASTM D412, Die C  
ASTM D624, Die C  
ASTM F36  
ASTM D2240  
ASTM F147  
ASTM D395  
ASTM D1894  
ANSI 118.12 5.4

### TYPICAL RESULTS

0.72 g/cm<sup>3</sup> min.  
5mm (0.197")  
80 psi, min.  
50%, min.  
30 ppi, min.  
20-30%, 85%, min.  
40  
1 factor, max.  
40% max.  
1.2  
High Performance

