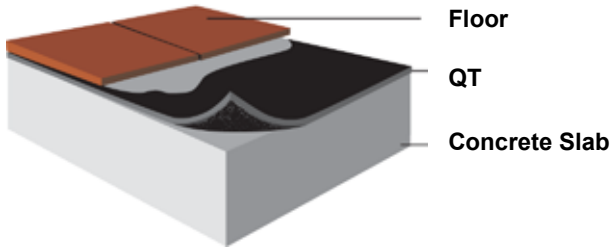


QT 4003

Acoustical & Impact Isolation



Typical Concrete Construction with a wide variety of Floor Finishes

QT 4003 Impact Sound Underlayment solves floor to floor noise problems. QT 4003 is manufactured by converting discarded post-consumer tires into 100% high-grade recycled rubber impact sound underlayment.

MINIMIZES SYSTEM HEIGHT...
MAXIMIZES SOUND REDUCTION

At only 3 mm thick, QT 4003 minimizes system height and provides maximum decibel reduction compared to competitive underlayment products.

ACHIEVE HIGHER RATINGS

With a Delta IIC rating of 20, QT 4003 rates higher than cork, chlorinated PE, paperboard or nylon matrix. Installed on a 6" concrete slab subfloor under ceramic tile, QT 4003 makes it possible to have a ΔIIC rating greater than 50 -- without the need for a suspended ceiling!

REDUCE YOUR COST

QT 4003 offers the industry's lowest cost per decibel reduction per installed square foot.

USES

QT is compatible with a wide variety of floor finishes such as ceramic tile, stone, hardwood, laminate and vinyl. QT has proven performance ratings with many types of popular surfaces. Installation procedures of QT vary depending on the finished floor. For best results, speak to one of AcoustiGuard - WILREP LTD's experienced sales technicians for installation instructions and technical information.

PERFORMANCE – Δ IIC Ratings with QT 4003

The chart below illustrates the QT ΔIIC contribution to a variety of floor constructions.

Floor Structure and Finish	Without QT	With QT 20 (Δ IIC) 3 mm (1/8")
Bare 6" Concrete with Hardwood	27	50
Bare 6" Reinforced Concrete with Ceramic Tile	32	52
Bare 8" Concrete with Hardwood	35	58

PRODUCT TECHNICAL DATA

ASTM TEST METHOD		
Product Dimensions	3mm (.120") x 48" x 60' in roll form	---
Weight/SQ. FT.	0.45 lbs.	---
Weight/Roll	108 lbs.	---
Compression (Deflection) @100 psi	25% - 35%	ASTM F36
Tensile Strength	100 psi (min.)	ASTM d 412, Die C
Shore A Hardness	45-55 durometer	ASTM D2240
Tear Strength	40 lbs./in. (min.)	ASTM D624, Die C
Compression Set B	40% (max.)	ASTM D395
TCA Robinson Test	Light Commercial	ASTM C627

INSTALLED COST COMPARISON

