

# QT 4002 4005 & QT 4010

## Acoustical & Impact Isolation

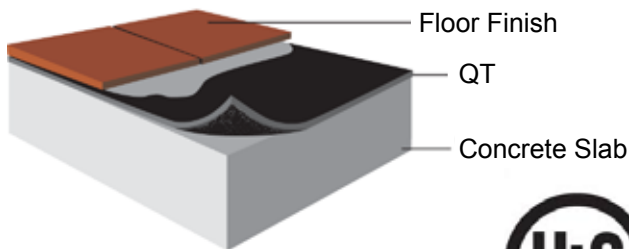


QT provides exceptional performance under hard surface flooring and over concrete and wood joist construction.

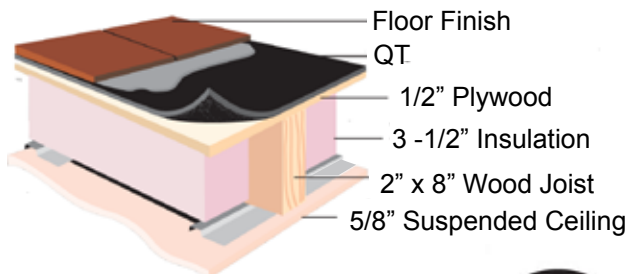
**QT 4002 4005 & 4010** are affordable underlayments that effectively insulate against sound transfer between floors. Made from 100% recycled rubber and acrylic binders, this single-ply system is easy to install and offers performance higher than industry standards for impact sound reduction.

- QT outperforms cork, polyethylene, foam and felt. New flooring can be installed directly on top of the standard 5mm thick material. This means that no alternations have to be made to doors or thresholds.
- QT will not crush out like a foam underlayment.
- QT is environmentally friendly. It will not rot, mildew or promote bacterial growth.

### Single Slab Concrete



### Wood Joist



### 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. experienced sales technicians for installation instructions and technical information.

### THICKNESS / WEIGHT

- QT 4002 - 3mm (5/64") - 0.3 psf / 90 lbs. per roll
- QT 4005 - 5mm (3/16") - 0.75 psf / 90 lbs. per roll
- QT 4010 - 10mm (3/8") - 1.5 psf / 90 lbs. per roll

### STANDARD DIMENSIONS

- QT 4002 - 48" wide x 75 ft. (300 sq. ft.)
- QT 4005 - 48" wide x 30 ft. (120 sq.ft.)
- QT 4010 - 48" wide x 15 ft. (60 sq.ft.)

QT 4002 and 4005 are also available as half rolls, 48" wide x 15 ft. (60 sq.ft.) to obtain closest square foot requirement.

| 6" CONCRETE |        |                 |         |                 |        |        |   |                    |                    |            |
|-------------|--------|-----------------|---------|-----------------|--------|--------|---|--------------------|--------------------|------------|
| ASSEMBLY    | DETAIL | FINISH          | CEILING | GYPSUM CONCRETE | IIC    | STC    | DESCRIPTION   | IIC REPORT         | STC REPORT         | DATE       |
| 6" CONCRETE | QT4005 | LVT             | NO      | NO              | IIC 52 | STC 54 | 2.5MM EXPONA/LVT, QT4005 ECOSILENCE BASE 5, 6" SLAB, NO CEILING   | C8707 03-113-11-R1 | C8707 03-113-11-R1 | 7/16/13    |
| 6" CONCRETE | QT4005 | BAMBOO          | NO      | NO              | IIC 51 |        | 1 LAYER GREEN CHOICE BAMBOO FLOORING, 1 LAYER QT 4005, 6" REINFORCED CONCRETE SLAB (75.0 PSF)   | 7012005            |                    | 04/05/2012 |
| 6" CONCRETE | QT4002 | LVT             | YES     | NO              | IIC 62 | STC 62 | 2.5MM LVT, EGRIP EVOLVE, QT4002, EGRIP EVOLVE, 6" SLAB, WIRE HANGERS, R13 INSULATION, ARMSTRONG CROSS TEE, 1 LAYER TYPE X GWB                     | D7519 10-113-11-R0 | D7519 10-113-11-R0 | 7/31/2014  |
| 6" CONCRETE | QT4002 | PORCELAIN TILE  | YES     | NO              | IIC 58 | STC 62 | 7.2MM PORCELAIN TILE, LATEX MODIFIED MORTAR, QT4002, EGRIP EVOLVE, 6" SLAB, WIRE HANGERS, ARMSTRONG CROSS TEE, R13 INSULATION, 1 LAYER TYPE X GWB | D7519 09-113-11-R0 | D7519 09-113-11-R0 | 7/24/2014  |
| 6" CONCRETE | QT4002 | ENGINEERED WOOD | YES     | NO              | IIC 68 | STC 62 | ARMSTRONG ENGINEERED WOOD LOOSE LAID OVER QT4002 LOOSE LAID, 6" SLAB, ARMSTRONG CROSS TEE SYSTEM, 1 LAYER TYPE X GWB                              | D7519 11-113-11-R0 | D7519 11-113-11-R0 | 7/31/2014  |

| 7" CONCRETE |        |                 |         |          |         |        |  |                 |                 |            |
|-------------|--------|-----------------|---------|----------|---------|--------|--|-----------------|-----------------|------------|
| ASSEMBLY    | DETAIL | FINISH          | CEILING | CONCRETE | IIC     | STC    | DESCRIPTION  | IIC REPORT      | STC REPORT      | DATE       |
| 7" CONCRETE | QT4005 | CERAMIC TILE    | NO      |          | FIIC 51 |        | CERAMIC TILE OVER 5MM QT4005, 7" POST-TENSION SLAB                                       | WEAL 0          |                 | 05/01/2002 |
| 7" CONCRETE | QT4002 | BAMBOO          | NO      | NO       | IIC 54  | STC 55 | BAMBOO, QT4002, 7" CONCRETE SLAB, NO CEILING.  | C5673.01-113-11 | C5673.01-113-11 | 2/15/13    |
| 7" CONCRETE | QT4002 | LAMINATE        | NO      | NO       | IIC 58  | STC 56 | LAMINATE, QT4002, 7" SLAB  | C5673.01-113-11 | C5673.01-113-11 | 2/15/13    |
| 7" CONCRETE | QT4005 | ENGINEERED WOOD | NO      |          | FIIC 58 |        | 1/2" THICK ENGINEERED WOOD, QT 4005, 7" CONCRETE, PLASTER CEILING SURFACE DIRECT APPLIED | WEAL 3701-009   |                 | 4/29/04    |

| 8" CONCRETE |        |                 |         |          |         |        |  |               |            |            |
|-------------|--------|-----------------|---------|----------|---------|--------|--|---------------|------------|------------|
| ASSEMBLY    | DETAIL | FINISH          | CEILING | CONCRETE | IIC     | STC    | DESCRIPTION  | IIC REPORT    | STC REPORT | DATE       |
| 8" CONCRETE | QT4005 | ENGINEERED WOOD | NO      | NO       | FIIC 59 |        | ENGINEERED WOOD, QT 4005, 8" THICK CAST IN PLACE CONCRETE  | WEAL 3701-029 |            | 3/25/07    |
| 8" CONCRETE | QT4005 | LAMINATE        | NO      | NO       | FIIC 61 |        | GAMMAPAR LAMINATE? GLUE DOWN, 8" THICK POST TENSION SLAB, NO PERIMETER ISO                           | WEAL 3701-027 |            | 01/03/2006 |
| 8" CONCRETE | QT4005 | QUARRY TILE     | NO      | NO       | IIC 50  |        | 1 LAYER UNGLAZED QUARRY TILE W/GROUT & MORTAR, 1 LAYER QT4005, 8" REINFORCED CONCRETE SLAB 102.4 PSF | 7006028       |            | 06/06/2006 |
| 8" CONCRETE | QT4010 | CERAMIC TILE    | NO      |          | FIIC 53 |        | CERAMIC TILE, 8" THICK POST TENSION SLAB, NO PERIMETER ISO   | WEAL 3701-027 |            | 01/03/2006 |
| 8" CONCRETE | QT4010 | HARDWOOD        | NO      | NO       | FIIC 60 |        | BOEN HARDWOOD (FLOATING), 8" THICK POST TENSION SLAB, NO PERIMETER ISO                               | WEAL 3701-027 |            | 01/03/2006 |
| 8" CONCRETE | QT4010 | QUARRY TILE     | NO      |          | IIC 53  | STC 54 | 8" CONCRETE FLOOR/CEILING ASSEMBLY OVERLAID WITH QUARRY TILE OVER QT 102.4 PSF                       | 7006032       | 5006020    | 6/20/06    |

| WOOD JOIST |        |             |         |          |        |     |   |            |            |         |
|------------|--------|-------------|---------|----------|--------|-----|---|------------|------------|---------|
| ASSEMBLY   | DETAIL | FINISH      | CEILING | CONCRETE | IIC    | STC | DESCRIPTION   | IIC REPORT | STC REPORT | DATE    |
| WOOD JOIST | QT4010 | QUARRY TILE | YES     |          | IIC 59 |     | QUARRY TILE, QT4010, 1 LAYER 1/2" CEMENT BACKERBOARD, 5/8" T&G PWD SUBFLOOR, 1/2" PWD SUBFLOOR, WOOD JOISTS, RC CHANNEL, 3" INSUL, 2 LAYERS 1/2" TYPE X WALLBOARD | 7002041    |            | 7/19/02 |

| WOOD TRUSS |        |          |         |          |        |        |  |                    |            |         |
|------------|--------|----------|---------|----------|--------|--------|--|--------------------|------------|---------|
| ASSEMBLY   | DETAIL | FINISH   | CEILING | CONCRETE | IIC    | STC    | DESCRIPTION  | IIC REPORT         | STC REPORT | DATE    |
| WOOD TRUSS | QT4002 | LAMINATE | YES     | 1"       | IIC 53 | STC 63 | 7MM KAINDELE CLASSIC TOUCH LAMINATE, 25.4MM HACKER FIRM-FILL 3310, QT4002, 5/8-3/4" T&G OSB SUBFLOOR, 16" DEPTH PARALLEL CHORD TRUSS, 24" OC, 3.5" FIBERGLASS BATT INSULATION, RC DELUXE RC, 1 LAYER 5/8" TYPE C USG SHEETROCK | C7016 01-113-11-R0 |            | 6/17/13 |