

Bring home peace and quiet with

QUIETDOWN[®]

ACOUSTIC UNDERLAY



NATIONAL RUBBER
TECHNOLOGIES
A KN Rubber company

*High performance
mid- to high-frequency
impact sound reduction*



QuietDown is a multi-purpose, high-performance acoustic underlay engineered from recycled rubber to reduce sound transmission through subfloors.

Specially formulated for your flooring type

Available for a wide variety of flooring types such as ceramic tile/stone, engineered wood, hardwood, laminate, carpet, and vinyl, QuietDown offers incredible sound-dampening qualities. Easy-to-install sheets are thinner, lighter, and stronger than conventional underlays.

Proven results

Tests by the National Research Council show that QuietDown is effective at reducing mid- to high-frequency impact sounds beneath ceramic flooring, hardwood and laminates. For example, 1/8" QuietDown Max under hardwood achieves an FIIC rating of 61. This means impact sounds such as speech, people walking in hard-soled shoes or dropped toys, pots, pans, etc., will be reduced.

Green materials

All QuietDown products are engineered from recycled tires, so every square foot you install means less landfill waste. For contractors, this means QuietDown contributes to the green content and LEED credits in new construction.

Applications include:

New construction, Residential, Commercial, Upgrading/Refurbishments

Where to use QuietDown

QuietDown is perfect for condos, kitchens, playrooms, institutional settings, and anywhere else where noise transmission is a concern.

Installs in a flash

QuietDown is perfect for do-it-yourselfers. Laying and trimming is quick and easy. Installation techniques vary depending on your flooring type; visit quietdown.com to download the installation instructions.



Keeps working for years

QuietDown is manufactured from durable recycled rubber, which translates into a stronger, more resilient acoustic underlay that won't pack down or fall apart over time.

Features and Benefits

- High performance mid- to high-frequency impact sound reduction
- Achieves FIIC 61* under wood floor systems
- Doubles as a crack isolation membrane under ceramic and stone installations
- Used under screed application as a decoupling / sound insulation membrane

- Mildew and insect repellent
- Will not rot or fall apart over time
- Low surface deflection
- Will not sag or compress like foams and felt fiber underlays
- Meets ASTM C627-93 Robinson Test designation for medium to heavy commercial applications in tile and stone assemblies

- High coefficient of friction; reduces creeping and movement of floating wood systems
- Excellent thermal R value and reduces passive thermal loss
- Easy-to-handle sheets make for less waste and lay down flat with no curled edges

* Based on 8" concrete slab and 1/8" QuietDown Max with no suspended ceiling.

Choose the right QuietDown for your application

QUIETDOWN® Max

Proven and trusted by professionals and homeowners alike, QuietDown Max

PRODUCT	THICKNESS	SIZE	WEIGHT PER SHEET
F03289	2mm (1/12")	42" x 48"	6.85 lbs.
F03324	3.2mm (1/8")	42" x 48"	10.70 lbs.
F03650	6mm (1/4")	42" x 48"	21.40 lbs.

is the original underlay offering maximum sound insulation for **floating floors and nail-down applications.** Doubles as a durable 100% vapour barrier.



Made with Syamar rubber

QUIETDOWN® Max High Bond

The felted surface of QuietDown Max HB forms a solid bond with urethane adhesive and modified mortar. QuietDown Max

PRODUCT	THICKNESS	SIZE	WEIGHT PER SHEET
F03289HB	2.8mm (1/10")	42" x 48"	6.85 lbs.
F03475HB	4mm (5/32")	42" x 48"	10.70 lbs.
F03458HB	7mm (1/4")	42" x 48"	21.40 lbs.

HB is a 100% vapour barrier and is specially formulated for **glue-down and tile/stone applications.** Made for long-lasting strength.



Made with Syamar rubber

QUIETDOWN® Premium

Manufactured with granulated rubber, QuietDown Premium is an economical underlay that offers superior sound insulation performance compared to cork, bitumen, felts and foams. Offering up to 21 dB impact sound reduction, QuietDown Premium is mold and mildew resistant and will not degrade over

PRODUCT	THICKNESS	SIZE	WEIGHT PER SHEET
QDRCU2MM	2mm	42" x 48"	6.16 lbs.
QDRCU3MM	3mm	42" x 48"	9.24 lbs.
QDRCU5MM	5mm	42" x 48"	15.4 lbs.

time. It can be used under floor heat systems, and meets indoor air quality standards. Its bondable surface makes QuietDown Premium an ideal acoustic underlay for a variety of applications.

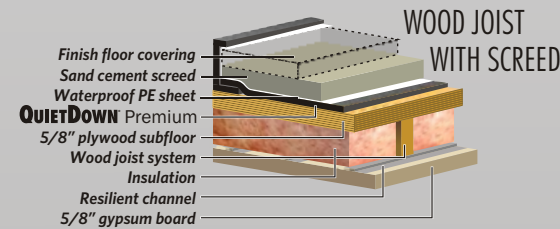
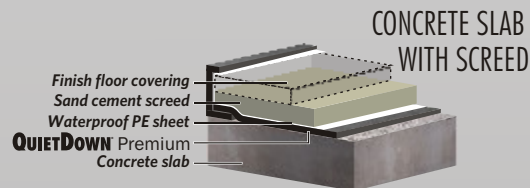
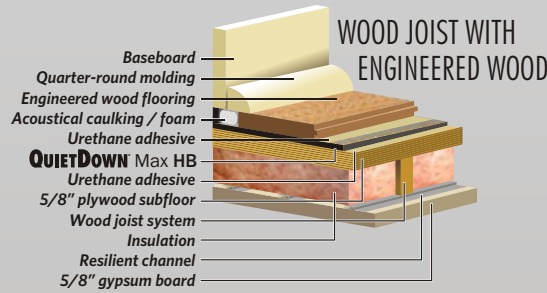
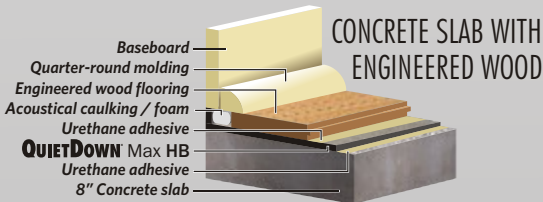
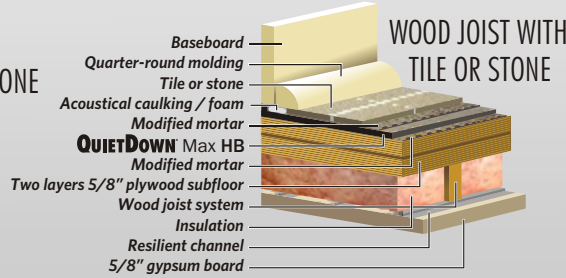
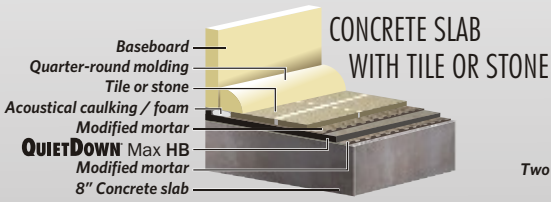
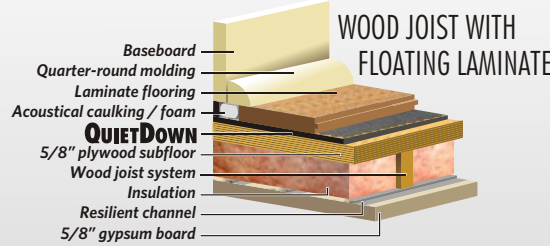
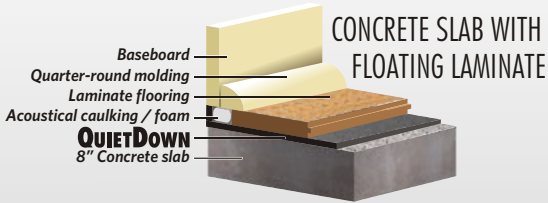
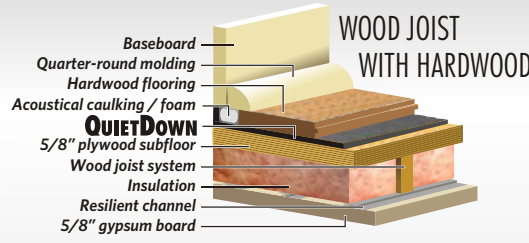
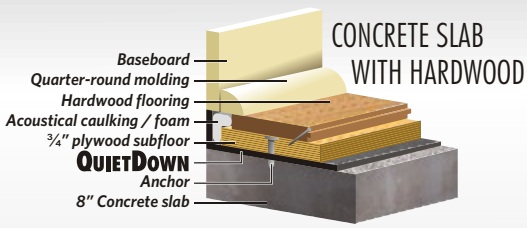
"We are so impressed by QuietDown. What a difference! ... It really is a great product and it certainly does the job of keeping noise down."

- Homeowner

"It sounds good, providing a nice solid sound to the floor. In addition, it lays nice and flat."

- Wood floor installer with over 20 years of experience

Typical Floor Assemblies



Acoustic Test Results

FLOOR COVERING	QUIETDOWN TYPE	Δ IIC
3/4" Hardwood	QD Max 2mm	23
	QD Premium 2mm	21
3/8" Engineered Wood	QD Max HB 7mm	22
	QD Premium 2mm	20
12 x 12 Ceramic Tile	QD Max HB 2.5mm	14
	QD Premium 4mm	16
	QD Premium 2mm	15

Per ASTM E492-09, 6" Concrete slab, no ceiling

Per ASTM E1007, E989, E336, E90, C423, E413, E492, and E2179, field and laboratory tests

FLOOR TYPE	CEILING	FLOOR COVERING	QUIETDOWN TYPE	IIC / FIIC	STC / FSTC
6" Concrete Slab	No	Bare	None	27	
	No	Wood	QD Max 3.2mm	48	52
	No	Tile	QD Max HB 3.2mm	43	52
	No	Laminate	QD Max 2mm	49	50
7.5" Concrete Slab	No	Wood	QD Max HB 4mm	54	
	No	Tile	QD Max HB 4mm	52	
	No	Laminate	QD Max 2mm	58	
8" Concrete Slab	No	Wood	QD Max 4mm	62	60
	No	Wood	QD Max 3.2mm	61	59
	No	Tile	QD Max HB 4mm	48	64
	No	Tile	QD Max HB 4mm	48	64
Metal Pan Steel Joist	Yes	Bare	None	42	
	Yes	Wood	QD Max HB 4mm	55	
	Yes	Tile	QD Max HB 4mm	51	

Note: The results contained herein were obtained from a representation of a typical batch of materials. Batch to batch variation is expected and is normal in the manufacturing process. National Rubber Technologies Corp. makes no representations nor warranties and there are no conditions with respect to the accuracy, reliability, or applications of the information contained herein, its products or the safety or suitability thereof, or results obtained, whether expressed or implied, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. Buyers and users must determine the results to be obtained from the application of the information herein and assume all risk, responsibility, and liability for all injuries, losses, or damages arising from the application of the information or use of NRT's products, whether or not occasioned by NRT's negligence or based on strict product liability. NRT neither assumes, nor authorizes any person to assume for it, any liability in connection with the use of the information contained herein of its products.

Find out more
and download the
Technical Manual (includes
installation instructions):
quietdown.com



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