

# QUIETDOWN

**ACOUSTIC UNDERLAY**



## *Technical and Installation Manual*

### *Preparation and Installation Instructions*

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Download this manual and find out more about QuietDown Acoustic Underlay at [www.quietdown.com](http://www.quietdown.com)

## ***For Floating Laminate, Floating Engineered Wood and Hardwood***

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### **General Overview**

QuietDown® acoustic sheets are engineered to provide high-performance sound reduction through sub floor assemblies. QuietDown can be used under hardwood, engineered wood, laminate, carpet and screed systems. *Floor covering assemblies that require the use of adhesives or mortars should use QuietDown HB.*

### **Installer/Owner Responsibility**

Installer assumes all responsibility for final inspection of product quality. Inspection of the acoustic underlay should be done during the installation. Carefully examine underlay before permanently installing it. If material is not acceptable, do not install it and contact seller immediately. Prior to the installation of any acoustic underlay or flooring product, the installer must determine that the job-site environment and sub floor involved meet or exceed all NWFA and NOFA installation guidelines. The manufacturer declines any responsibility for job failure resulting from, or associated with, sub floor or job-site environment deficiencies. When QuietDown is ordered, 5% should be added to the actual square footage needed for cutting allowance.

### **Job Site Conditions**

The structure where QuietDown is to be installed should be enclosed with all outside doors and windows in place, and maintain a minimum average temperature no less than 10° C (50°F). All concrete, masonry, framing members, drywall, paint and other “wet” work should be thoroughly cured and dry. When possible, delay installation of base moulding until flooring installation is complete. QuietDown sheets may mark if edges of panels are struck against walls. Use care when moving panels around the job site.

### **Testing concrete for excessive moisture**

Due to its properties as a vapour barrier, QuietDown retards the curing of new concrete. Slabs younger than 60 days are generally too wet for QuietDown installation. *Test for moisture using the following steps, even if the slab has been in place for over two years:*

- 1.** Lay a 2'x2' piece of QuietDown on the slab.
- 2.** Place a weight on top to prevent moisture from escaping and allow the mat to remain for 24 hours.
- 3.** Remove the weight and QuietDown after 24 hours. If the covered area of the concrete slab shows water marks, then too much moisture is present.

Conduct tests on several areas of the floor in each room, on both old and new slabs. For a meaningful test, the slab surface must be light in colour. When tests indicate too much moisture in the slab, do not proceed with installation. For a moist slab, wait until it dries naturally, or accelerate drying with heat and ventilation, then test again.

### **Surface Inspection and Preparation**

Please conform to NWFA and NOFMA sub floor preparation guidelines. Surface must be structurally sound. Dusty and dirty surfaces should be cleaned just prior to commencing work (no standing water). Surface areas requiring patching and or levelling must be prepared using suitable sub floor surface material in accordance NWFA and NOFMA sub floor preparation guidelines.

**For Floating Laminate, Floating Engineered Wood and Hardwood**

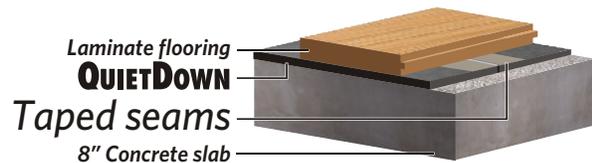
**1.** Prior to installing the QuietDown sheets, cut a perimeter strip of QuietDown to the total height of the new finished floor assembly using scissors and/or a contractor-grade utility knife and a straight edge. Temporarily install with masking tape around the base perimeter of the walls and any protrusions. Join seams together; do not overlap edges of the strips. *The perimeter strip helps reduce impact noise transmission between the floor and wall.*



*Cut QuietDown perimeter strip to height of new finished floor*

**2.** Loosely place QuietDown sheets. Trim to size as necessary using a contractor-grade utility knife and/or scissors. Leave a 1/4" gap along room walls and any protrusions.

**3.** Tape the seams together using standard duct tape. **Do not overlap seams.** If moisture penetration is a concern, tape all seams using a vapour-proof tape, such as a Tuck brand tape.



**4.** Once the floor is completely covered with QuietDown, the finished floor can be installed directly overtop. Refer to the flooring manufacturer's installation instructions.



**5.** Remove masking tape off the perimeter sound isolation strip. Fill gap level with a flexible acoustical caulking or a foam bead insulation material. Install baseboards 1/8" above the finished floor and fill the gap with a flexible acoustical caulking.

*NOTE: Due to the recycled tire content in QuietDown Acoustic Underlay, an initial odour of rubber will be present while the panels are exposed. Left exposed, this odour will dissipate within a few days. Once covered with your hard-surface floor covering, no odour will be detectable. Emissions from QuietDown are not harmful.*

**For Hardwood**

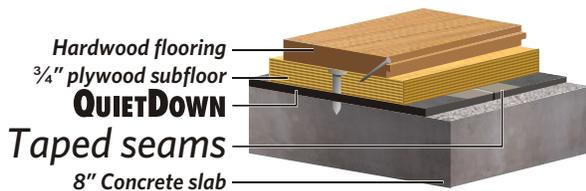
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*Cut QuietDown perimeter strip to height of new finished floor*

**2.** Loosely place QuietDown sheets. Trim to size as necessary using a contractor-grade utility knife and/or scissors. Leave a 1/4" gap along room walls and any protrusions.

**3.** Tape the seams together using standard duct tape. **Do not overlap seams.** If moisture penetration is a concern, tape all seams using a vapour-proof tape, such as Tuck brand tape.



**4.** Once the floor is completely covered with QuietDown, install 3/4" plywood ovetop. Butt joint all seams, leaving a 1/2" space around the perimeter and protrusions. Anchor the plywood to the concrete slab using an appropriate anchoring system. The finished floor can be installed directly ovetop. Refer to the flooring manufacturer's installation instructions.

**5.** Remove masking tape off the perimeter sound isolation strip. Fill gap level with a flexible acoustical caulking or a foam bead insulation material. Install baseboards 1/8" above the finished floor and fill the gap with a flexible acoustical caulking.

*NOTE: Due to the recycled tire content in QuietDown Acoustic Underlay, an initial odour of rubber will be present while the panels are exposed. Left exposed, this odour will dissipate within a few days. Once covered with your hard-surface floor covering, no odour will be detectable. Emissions from QuietDown are not harmful.*

## **For Tile and Stone**

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### **General Overview**

QuietDown® High Bond (HB) acoustic sheets are engineered not only to provide high performance sound reduction through sub floor assemblies but are also compatible with many glues and mortars to achieve a better bonded floor system. National Rubber Technologies' proprietary Symar® process thermally fuses a scrim fabric onto QuietDown HB, to greatly enhance bonding and anchoring of mortars and glues in installations of ceramic, porcelain, stone, engineered wood, laminates, hardwoods, vinyl and carpet. *Floating floor assemblies should use standard QuietDown.*

### **Installer/Owner Responsibility**

Installer assumes all responsibility for final inspection of product quality. Inspection of the acoustic underlay should be done during the installation. Carefully examine underlay before permanently installing it. If material is not acceptable, do not install it and contact seller immediately. Prior to the installation of any acoustic underlay or flooring product, the installer must determine that the job-site environment and sub floor involved meet or exceed all TCNA and TTMAC installation guidelines. The manufacturer declines any responsibility for job failure resulting from, or associated with, sub-surface or job-site environment deficiencies. When QuietDown is ordered, 5% should be added to the actual square footage needed for cutting allowance.

### **Job Site Conditions**

The areas where QuietDown HB sheet is to be installed should be enclosed with all outside doors and windows in place, and maintain a minimum average temperature no less than 10° C (50°F). All concrete, masonry, framing members, drywall, paint and other "wet" work should be thoroughly cured and dry. When possible, delay installation of base moulding until flooring installation is complete. QuietDown panels may mark if edges of panels are struck against walls. Use care when moving panels around the job site.

### **Surface Inspection and Preparation**

Surfaces must be clean, free of dust, oil, grease, coatings, wax, paint, tar, curing agents, primers, sealers, flooring adhesives, gypsum-based products or any deleterious substance and debris which may reduce adhesion. Surfaces must also be exempt of acids, concentrated alkali or chemical cleaning agents. Surfaces must be mechanically sanded, scarified or shot blasted to completely remove all paint, loosely bonded toppings, loose particles and construction debris. Do not install where hydrostatic conditions exist.

Surface must be structurally sound. Any contaminants shall be removed prior to application. Dusty or dry concrete surfaces should be washed with clean water just prior to commencing work (no standing water). Surfaces should be left clean to allow for a good bond. Patching, levelling or areas requiring a mortar bed must be prepared using appropriate sub floor surface preparation and installation guideline in accordance to ANSI specifications determined by tile, stone, and floor mortar manufacturers associations.

**For Tile and Stone**

**1.** Prior to installing the QuietDown sheets, cut a perimeter strip of QuietDown to the total height of the new finished floor assembly using scissors and/or a contractor-grade utility knife and a straight edge. Temporarily install with masking tape around the base perimeter of the walls and any protrusions. Join seams together; do not overlap edges of the strips. *The perimeter strip helps reduce impact noise transmission between the floor and wall. In cases where the tile or stone is less than 1/2" thick, a bead of acoustic caulk may be used after the floor is installed, instead of perimeter strips.*



*Cut QuietDown perimeter strip to height of new finished floor*

**2.** Loosely place QuietDown HB sheets. Trim to size as necessary using a contractor-grade utility knife and/or scissors. Leave a 1/4" gap along room walls and any protrusions.



*Note: QuietDown HB may also be glued to properly prepared concrete and plywood sub floors using wood flooring urethane adhesive in lieu of modified mortar setting materials. Follow wood flooring urethane adhesive manufacturer's sub floor preparation and installation guidelines and proceed directly to step 6.*

**3.** Select an appropriate modified mortar system for your installation and follow the manufacturer's recommended mixing and setting instructions. If water cured urethane adhesives are used in lieu of mortar, follow manufacturer's instructions and skip to step 6.

**4.** Mix mortar per manufacturers instructions. Determine a starting point; remove the dry fit uninstalled QuietDown HB one section a time so that mortar or glue can now be applied to the substrate.

**5.** Using the flat side of a 1/4" x 1/4" x 1/4" square notch trowel apply a pressure bond-coat directly to the substrate. Immediately apply additional mortar using the notched side of the trowel. Only apply enough mortar as can be covered with the QuietDown HB sheet within 7 to 10 minutes. Do not allow mortar to skin over. If mortar has skinned over, completely remove any skinned mortar and re-apply fresh mortar.

**6.** For wood flooring urethane adhesives, spread glue directly to the substrate using a 1/8" x 1/8" x 1/8" square notch trowel.

**7.** While the mortar or urethane is still fresh, lay in the QuietDown HB acoustic sheets. Place one edge of QuietDown HB sheet on the floor and roll down into the thin set or urethane (roll perpendicular to the troweled ridges of the thin set or urethane). Move the mat back and forth perpendicular to the thin set ridges. Leave a 1/4" gap around perimeter room walls or any protrusions that later will be filled level with an acoustical caulking material. Immediately roll underlay so as to embed the underlay into the mortar or urethane using a 75 lb. roller. Place next sheet and make contact with edges of previous sheet. **Do not overlap the edges of the QuietDown HB sheets.** If any thin set or urethane extends out between the edges of the sheet, either scrape off the excess or take the flat edge of a trowel and strike down the thin set or urethane flat with the sheet.

**(cont'd...)**

**For Tile and Stone (cont'd)**



Place one edge of QuietDown HB sheet onto the spread mortar or glue

**8.** Continue this process until the entire area has been covered.

**9.** Protect the freshly installed underlay from foot traffic for a minimum of 24 hours.

**10.** You are now ready to install ceramic, porcelain and or natural stone products to the QuietDown HB underlay. Select the appropriate modified mortar system for your tile, stone, or porcelain installation and follow the manufacturer's recommended mixing and setting instructions. *Note: trowel notch size to be determined by mortar manufacturer or tile installer so as to achieve minimum 98% mortar coverage to the back of the tile. A modified floor mortar is required. Do not use a non-modified mortar.*

**11.** Using the flat side of a notched trowel, apply a pressure bond coat to the QuietDown HB underlay. Immediately apply additional mortar using the notched side of the trowel and spread evenly. Only apply enough mortar as can be covered with the flooring material within 7 to 10 minutes.



Trowel mortar evenly

**13.** Press tile firmly with a back and forth motion into mortar so as to help achieve optimal contact of mortar to the back of the tile. Continue in this fashion until installation is complete.

**14.** Allow tile installation to set for a minimum of 24 - 48 hours before grouting.

**15.** Remove the masking tape off the perimeter sound isolation strip. Fill gap level with a flexible acoustical caulking material. Install baseboards 1/8" above the finished floor and fill the gap with a flexible acoustical caulking.



Install perimeter sound isolation strip and fill gap level with a flexible acoustical caulking.

**16.** Grout tile installation.



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## ***For Engineered and Solid Wood (double-stick process)***

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### **General Overview**

QuietDown® High Bond (HB) acoustic sheets are engineered not only to provide high performance sound reduction through sub floor assemblies but are also compatible with many glues and mortars to achieve a better bonded floor system. National Rubber Technologies' proprietary Symar® process thermally fuses a scrim fabric onto QuietDown HB, to greatly enhance bonding and anchoring of mortars and glues in installations of ceramic, porcelain, stone, engineered wood, laminates, hardwoods, vinyl and carpet. *Floating floor assemblies should use standard QuietDown.*

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### **Job Site Conditions**

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Due to its properties as a vapour barrier, QuietDown retards the curing of new concrete. Slabs younger than 60 days are generally too wet for QuietDown installation. *Test for moisture using the following steps, even if the slab has been in place for over two years:*

- 1.** Lay a 2'x2' piece of QuietDown on the slab.
- 2.** Place a weight on top to prevent moisture from escaping and allow the mat to remain for 24 hours.
- 3.** Remove the weight and QuietDown after 24 hours. If the covered area of the concrete slab shows water marks, then too much moisture is present.

Conduct tests on several areas of the floor in each room, on both old and new slabs. For a meaningful test, the slab surface must be light in colour. When tests indicate too much moisture in the slab, do not proceed with installation. For a moist slab, wait until it dries naturally, or accelerate drying with heat and ventilation, then test again.

### **Surface Inspection and Preparation**

Surfaces must be clean, free of dust, oil, grease, coatings, wax, paint, tar, curing agents, primers, sealers, flooring adhesives, gypsum-based products or any deleterious substance and debris which may reduce adhesion. Please conform to NWFA and NOFMA sub floor preparation guidelines. Surfaces must also be exempt of acids, concentrated alkali or chemical cleaning agents. Surfaces must be mechanically sanded, scarified or shot blasted to completely remove all paint, loosely bonded toppings, loose particles and construction debris. Do not install where hydrostatic conditions exist. Surface must be structurally sound. Dusty or dry concrete surfaces should be washed with clean water just prior to commencing work (no standing water). Surfaces should be left clean and dry to allow for a good bond. Areas requiring patching and or levelling must be prepared using suitable sub floor surface material in accordance NWFA and NOFMA sub floor preparation guidelines.

**For Engineered and Solid Wood (double-stick process)**

The successful installation of QuietDown HB acoustic underlay depends on the capacity of glues to fully embed into the fused scrim fabric covering both sides of the QuietDown HB sheet. The scrim fabric greatly enhances the bonding/anchoring capacity of urethane based wood floor adhesives. Proper coverage and transfer (95%) of the adhesive to the QuietDown HB acoustic sheet is required for a successful, void-free tile installation.

**1.** Prior to installing the QuietDown HB sheets, cut a perimeter strip of QuietDown HB to the total height of the new finished floor assembly using scissors and/or a contractor-grade utility knife and a straight edge. Temporarily install with masking tape around the base perimeter of the walls and any protrusions. Join seams together; do not overlap edges of the strips. *The perimeter strip helps reduce impact noise transmission between the floor and wall.*



*Cut QuietDown perimeter strip to height of new finished floor*

**2.** Loosely place QuietDown HB sheets. Trim to size as necessary using a contractor-grade utility knife and/or scissors. Leave a 1/4" gap along room walls and any protrusions.

**3.** Select a quality wood floor urethane adhesive.

**4.** Spread the wood floor urethane adhesive with a 1/8" x 1/8" x 1/8" notched trowel directly to the prepared sub floor following the adhesive manufacturer's preparation and installation instructions. Avoid excessive adhesive thickness by passing the trowel evenly through the adhesive.

**5.** While the glue is still fresh, start with one edge of QuietDown HB sheet on the floor and lay down into the spread glue.

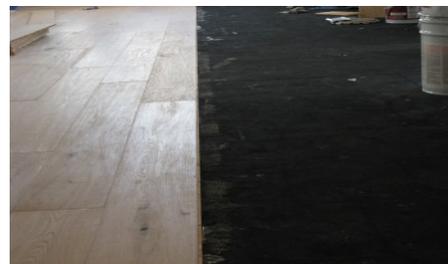


**6.** Leave a 1/4" gap along room walls or any protrusions that later will be filled level with a quality acoustical caulking material. Place next sheet and make contact with edges of previous sheet. **Do not overlap the edges of the QuietDown HB sheets.** If any adhesive extends out between the edges of the sheet, simply take the flat edge of a trowel and strike down the adhesive flat with the sheet.

**7.** Continue this process until the entire area has been covered. Roll underlay so as to embed the underlay into the glue using a 75 lb. roller.

**8.** Protect the freshly installed underlay from foot traffic for a minimum of 24 hours.

**9.** The wood floor now can be installed. Follow the wood and adhesive manufacturer's installation instructions to determine correct trowel size. Apply the floor adhesive directly onto the QuietDown HB sheet. Lay the wood floor into the adhesive, position correctly and press down firmly.



**(cont'd...)**

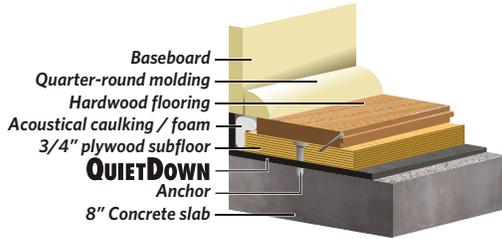
## ***For Engineered and Solid Wood (double-stick process)***

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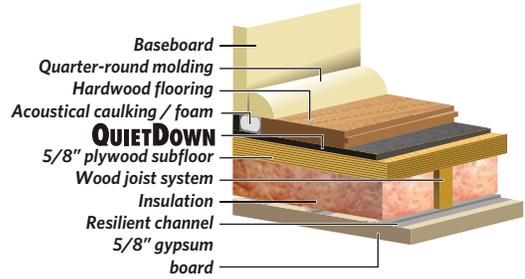
- 10.** Continue in this fashion until installation is complete.
- 12.** Protect from foot traffic for a minimum of 24 hours.
- 13.** Remove the masking tape off the perimeter sound isolation strip. Fill gap level with a flexible acoustical caulking or similar acoustic material. Install baseboards 1/8" above the finished floor and fill the gap with a flexible acoustical caulking.

*NOTE: Due to the recycled tire content in QuietDown HB, an initial odour of rubber will be present while the panels are exposed. Left exposed, this odour will dissipate within a few days. Once covered with your hard-surface floor covering, no odour will be detectable. Emissions from QuietDown are not harmful.*

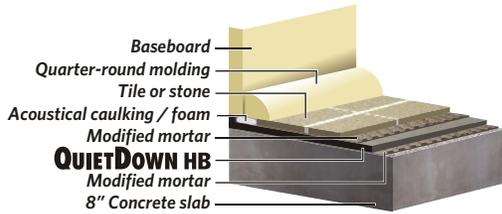
Concrete slab with hardwood



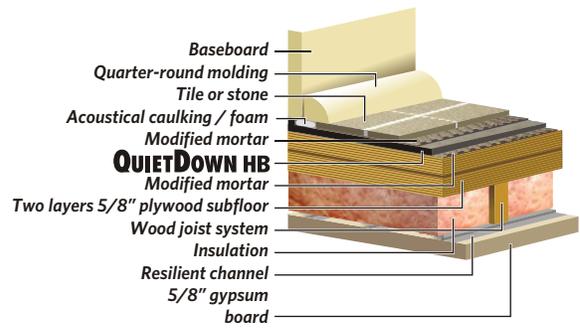
Wood joist with hardwood



Concrete slab with tile or stone



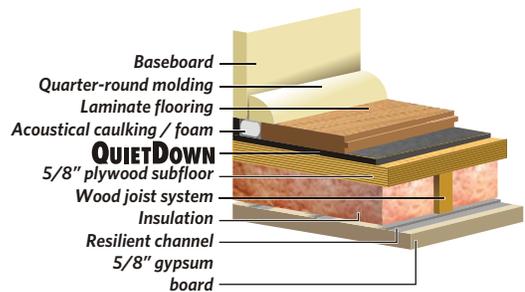
Wood joist with tile or stone



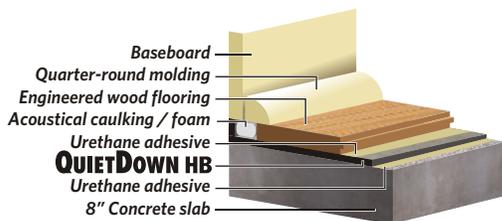
Concrete slab with floating laminate



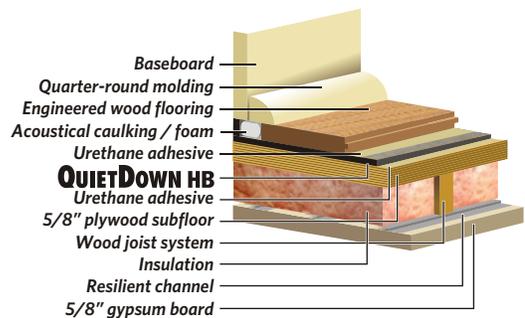
Wood joist with floating laminate



Concrete slab with engineered wood



Wood joist with engineered wood



## QuietDown Product Details

PRODUCT	THICKNESS	SIZE	WEIGHT PER SHEET
F03289	2mm (1/12")	42"X48"	6.85 lbs.
F03324	3.2mm (1/8")	42"X48"	10.70 lbs.
F03650	6mm (1/4")	42"X48"	21.40 lbs.
3754248	9.5mm (3/8)	42"X48"	32 lbs.
F03289HB	2.8mm (1/10")	42"X48"	6.85 lbs.
F03475HB	4mm (5/32")	42"X48"	10.70 lbs.
F03458HB	7mm (1/4")	42"X48"	21.40 lbs.
3754248HB	10mm (3/8)	42"X48"	32 lbs.

HB = High Bond for use when glue and mortar applications are required.

## Acoustic Test Results

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

Test results obtained from actual field and laboratory tests conducted at various sites in accordance with ASTM E1007, E989, E336, E90, C423, E413, E492, and E2179.

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 Inc. 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 or 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.

Robinson Test Result  
Tile Council of North America, Inc. (TCNA)



**TCNA**  
TILE COUNCIL OF NORTH AMERICA, INC.

**PRODUCT TESTING SERVICES**

100 Clemson Research Blvd. Anderson, SC 29625 · Tel (864) 646-TILE Fax (864) 646-2821

TCA TEST REPORT NUMBER: TCA-037-03      PAGE: 2 OF 2

**CONCLUSION:**

In accordance with the Performance-Level Requirement Guide of the 2003-2004 Handbook for Ceramic Tile Installation, the installation is rated as "MODERATE" for "normal commercial and light institutional use in public space of restaurants and hospitals".

  
 Katelyn Simpson  
 Laboratory Manager

  
 Reprint  
 Date

Certificate of Compliance (Based on Round Robinson Test)  
Terazzo, Tile and Marble Association of Canada (TTMAC)



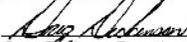
## Certificate of Compliance

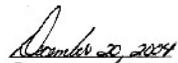
*ASTM C627-93 Designation - Heavy*

*Received through testing conducted using the Universal Floor Tester incorporating the system listed below and submitted by*

### National Rubber Technologies Corp.

System Components:  
Dal Tile 12 x 12 Goldrush -- Wheatland  
Proma ProQuick Mortar, ProQuick Plus Latex Mortar Additive, ProGrout #21 Irish Cream  
QuietDown HB Acoustic Underlay  
Installed on a concrete slab

  
 Doug Dickinson, Executive Director  
 Terazzo, Tile and Marble Association of Canada

  
 Date  
 Test #41FT041220

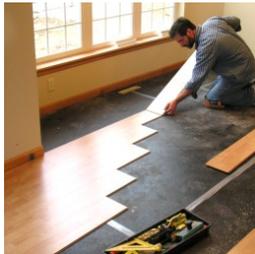
“We are so impressed by Symar® QuietDown. What a difference! I just wish I knew about the product when we were finishing our basement - we had installed laminate and it has a very 'hollow sound'. We are planning to install more hardwood on the second floor, and we will be sure to include QuietDown in the installation. It really is a great product and it certainly does the job of keeping noise down.”

**Susan Goyer, Homeowner**  
Home Renovation in Mississauga, Ontario

“This was the easiest part of our renovation. Just lay it down, glue it, and screw the plywood on top. It may be invisible underneath the floor, but its sound reducing effect is noticeable.”

**Grant Eberlin, Homeowner**  
Detached Home Renovation in Richmond Hill, Ontario

*1120 SqFt of Symar® QuietDown was successfully installed between the original plank subfloor and the new plywood subfloor. QuietDown panels were laid and cut to shape using a utility knife. A sharp blade cuts it easily. Subfloor Adhesive PL-400 was used on both sides of QuietDown. The homeowner was able to hear an immediate reduction in sound transmission from the main floor to the basement.*



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

**Wayne Bock of FloorPro** (Wood floor installer with over 20 years of experience)  
Semi-Detached Bungalow New Construction built by Bielinski Builders in Waterford, Wisconsin

*Symar® QuietDown was used in conjunction with laminate floor in order to reduce sound transmission to the basement, as well as to provide a more solid-sounding floor on the main level. QuietDown was used in all hallways, the kitchen, and the family room. QuietDown was installed on top of the wood subfloor, with the seams taped together using standard duct tape.*

“Laminate floors on their own produce acoustic brightness in home theatres. QuietDown used underneath laminate floors significantly reduced the acoustic brightness, making for a better overall sound.”

**Pavneet Arora, owner, Waroc Informatik**  
Custom Home Theatre Installed by Waroc Informatik in Bolton, Ontario

*Symar® QuietDown was installed over top of a concrete subfloor and topped with a laminate floor. QuietDown was used to improve the acoustics within the home theatre audition rooms. Prior to using QuietDown, Pavneet Arora of Waroc Informatik tested its acoustic properties versus other acoustic underlays using a sound pressure meter. His tests showed that QuietDown offered the greatest dB reduction.*



***What type of floor covering can I use with QuietDown?***

Laminate, engineered wood, solid hardwood, ceramic tile, porcelain and stone.

***Does the smell of rubber go away?***

Yes it does. QuietDown is manufactured using recycled rubber, which have an odour of rubber. Left in the open the smell will dissipate after a few days. Once covered by the floor covering the smell will no longer be detectable.

***Can I use QuietDown in my basement?***

QuietDown is 100% vapour proof and we have had a number of customers install it in their basements. QuietDown will prevent moisture from traveling upwards into your floor covering, but if you have a wet basement issue, QuietDown will not solve your problem. It is recommended that you fix the root cause of the moisture, then install your floor coverings.

***What type of sound does QuietDown reduce?***

Mid to high frequency impact sounds such as people walking in hard soled shoes, children dropping toys, pots, pans or items being dropped in kitchens.

***I want to get rid of the sound of booming bass, will QuietDown work for this?***

No. Most acoustic underlay products will not get rid of low frequency sound transmission. In order to reduce low frequency sounds you need a combination of mass and structure, similar to the egg carton products you see in sound studios. This type of shape does not lend itself to underlay.

***Why does QuietDown come in sheets and not rolls?***

Homeowners and contractors have told us that rolls are heavy and cumbersome on a job site. Sheets are preferred for ease of installation.

***What is IIC?***

IIC stands for Impact Insulation Class. It is a unit of measure used in acoustics to measure the amount of impact sound transmission that passes through a subfloor.

***Does the higher IIC number mean the product is better?***

Not necessarily. Unfortunately, a number of manufacturers claim that their products achieve extremely high IIC numbers. The true measure of importance is the difference between the IIC value of the floor prior to the installation of the acoustic product and the IIC value of the floor after the acoustic product is installed. Extensive laboratory and field tests of QuietDown have been conducted by independent organizations; results of these evaluations can found in the Quiet Down Technical Manual.

***Can QuietDown be used on walls?***

QuietDown is tested and approved for use as an underlay below hard surface flooring. We do not recommend its use for any other application.

# QUIETDOWN<sup>®</sup>

ACOUSTIC UNDERLAY

*For more information,  
please contact:*

CUSTOMER SERVICE

**1-800-387-8501**

info@nrtna.com

*Download this manual and find out more about  
QuietDown Acoustic Underlay at [www.quietdown.com](http://www.quietdown.com)*



**NATIONAL RUBBER**  
TECHNOLOGIES

35 Cawthra Avenue, Toronto, ON M6N 5B3  
Telephone 416.657.1111 Toll-Free 1.800.387.8501  
Fax 416.656.1231 info@nrtna.com [www.nrtna.com](http://www.nrtna.com)

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