

# USG LEVELROCK™ BRAND SOUND ATTENUATION MAT SAM-N75™

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**Premium sound mat product for rehab work in loft-type buildings**

- ASTC and FIIC values help meet or exceed code requirements for sound attenuation
  - Robinson tested for system durability
  - Installed by USG Levelrock authorized applicators
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**DESCRIPTION**

USG Levelrock™ Brand SAM-N75™ Sound Attenuation Mat provides an economical method of improving the FIIC and ASTC ratings of wood frame buildings. With a thickness of 3/4 in., this sound mat is ideal for rehab work involving loft-type units where there is no ceiling. These types of installations depend almost exclusively on the performance of the sound mat to attenuate impact noise. USG Levelrock SAM-N75 sound mat requires a minimum topping of 1-1/2 in. of USG Levelrock® engineered cementitious underlayment.

For those interested in green building, the typical recycled content of USG Levelrock SAM-N75 sound attenuation mat (40%, of which 100% is pre-consumer/post-industrial material) can help a building achieve a LEED® rating.

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**LIMITATIONS**

1. Do not use in exterior applications.
  2. Do not use as a wear surface.
  3. Do not use mechanical fasteners to install the sound attenuation mat as mechanical fasteners conduct impact sound, eliminating acoustical isolation.
  4. Do not install where continuous exposure to moisture is a possibility.
  5. Structure shall be designed so that deflection does not exceed L/240 from combined dead and live loads and L/360 from live loads. Certain floor coverings such as marble, limestone, travertine and wood may have more restrictive deflection limits. Consult the appropriate floor-covering manufacturer.
  6. For wood subfloors, do not install on plywood/OSB subfloors lacking tongue and groove edges without back-blocking.
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**INSTALLATION**

USG Levelrock SAM-N75 sound attenuation mat is intended primarily for use on wood subfloors in wood frame construction. The plywood or OSB edges must be tongue and groove or the use of back-blocking is required. The subfloor must be clean and free of construction debris and dirt. The building temperature should be maintained at 50 °F minimum.

USG Levelrock SAM-N75 sound mat system may also be used on concrete subfloors. The concrete subfloor must be cured properly prior to installation. Although these installations will be above grade, it is still recommended that the Moisture Vapor Emission Rate (MVER) be measured using ASTM F1869. The MVER should be below 5 lbs./1000 sq.ft./24 hrs. Contact USG for further information.

USG Levelrock SAM sound attenuation mat should be primed with USG Levelrock™ Wood Primer prior to the installation of the underlayment.

To minimize horizontal transmission of sound, install USG Levelrock™ Perimeter Isolation Strip after the USG Levelrock SAM-N75 sound mat is installed so that a portion of the strip is against the wall and a portion is against the sound mat. Ensure that there is no seepage of USG Levelrock engineered cementitious underlayment beneath the USG Levelrock SAM-N75 sound mat, as this will compromise the sound mat's performance.

Protect USG Levelrock underlayment floors poured over sound attenuation mat from heavy trade traffic loads (i.e. loaded drywall carts, heavy tool cabinets, etc.) with plywood.

For further details on installation requirements, specifications and the most up-to-date product information, please see [usg.com](http://usg.com) or [pourlevelrock.com](http://pourlevelrock.com).

## PRODUCT DATA

	USG Levelrock™ SAM-N75™ Sound Attenuation Mat
Width (inches)	39.5
Roll length (lineal feet)	50
Coverage per roll (sq. ft./roll)	165
Mat thickness (inches)	0.75
Roll diameter (inches)	26
Weight/roll (lbs./roll)	28

## TESTING

LOFT ASSEMBLIES WITHOUT CEILINGS

Because loft assemblies vary greatly from job to job, field testing FIIC tests should be conducted by a licensed acoustician according to ASTM E336 (for ASTC) and ASTM E1007 (for FIIC).

## SUBMITTAL APPROVALS

Job Name	
Contractor	Date

### PRODUCT INFORMATION

See [usg.com](http://usg.com) or [pourlevelrock.com](http://pourlevelrock.com) for the most up-to-date product information.

### LEED INFORMATION

For the most up-to-date information on LEED rating systems, project certification and the U.S. Green Building Council, please visit [usgbc.org](http://usgbc.org).

### CAUTION

Dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. Remove contact lenses and continue rinsing. If on skin: Wash with plenty of water. If irritation persists, call physician. For more information call Product Safety: 800-507-8899 or see the SDS at [usg.com](http://usg.com).

### KEEP OUT OF REACH OF CHILDREN.

### TRADEMARKS

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### SAFETY FIRST!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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[usg.com](http://usg.com)  
[pourlevelrock.com](http://pourlevelrock.com)  
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