

USG LEVELROCK® BRAND SAM-N75™ SOUND ATTENUATION MAT

Premium sound mat product for improved STC and IIC values

- STC and IIC values help meet or exceed code requirements per Section 1207 of the International Building Code
- Tested for system durability per ASTM C627
- May contribute towards LEED® credits
- Installed by USG Levelrock authorized applicators

DESCRIPTION

USG Levelrock® Brand SAM-N75™ Sound Attenuation Mat provides an economical method of improving the STC and IIC ratings of wood frame buildings. With a thickness of 3/4 in. (19 mm), 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 Attenuation Mat requires a minimum topping of 1-1/2 in. (38 mm) of USG Levelrock® engineered cementitious underlayment.

VOC EMISSIONS

USG Levelrock SAM-N75 Sound Attenuation Mat achieved GREENGUARD Gold Certification and qualifies as a “Low Emitting” material per California Department of Public Health CDPH/EHLB/Standard Method (CA Section 01350) for school classroom, single-family residence and private office modeling scenarios, and meets USGBC’s LEED® v4 emission requirements.



EXTENDED WARRANTY

An extended warranty may apply when using USG Levelrock SAM-N75 Sound Attenuation Mat in a system application. Please contact USG for further details.

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.

INSTALLATION

USG Levelrock SAM-N75 Sound Attenuation Mat can be used over a variety of subfloors including plywood, OSB, pre-cast concrete, concrete and corrugated steel deck. For plywood or OSB subfloors, the 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 a 50 °F (10 °C) minimum.

USG Levelrock SAM-N75 Sound Attenuation Mat should be primed with USG Levelrock® Wood Primer prior to the installation of the underlayment. USG Levelrock® Perimeter Isolation Strip must be installed between the sound attenuation mat and walls or floor protrusions. The perimeter isolation strip must be installed so that there is no leakage of USG Levelrock engineered cementitious underlayment as any breach will compromise the sound system 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 usgperformanceflooring.com.

PRODUCT DATA

USG Levelrock™ SAM-N75™ Sound Attenuation Mat	
Width	39.5 in. (1 m)
Roll length	50 lf. (15.2 m)
Coverage per roll	165 sq. ft. (15.3 m ²)
Mat thickness	0.75 in. (19 mm)
Roll diameter	26 in. (660 mm)
Weight/roll	28 lbs. (13 kg)

TESTING

LOFT ASSEMBLIES WITHOUT CEILINGS

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

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

PRODUCT INFORMATION

See usgperformanceflooring.com for the most up-to-date product information.

GREENGUARD INFORMATION

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

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.

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.

KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS

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NOTE

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NOTICE

We shall not be liable for incidental or consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

SAFETY FIRST!

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

800 USG.4YOU
800 (874.4968)
usgperformanceflooring.com
usg.com

Manufactured for
United States Gypsum Company
550 West Adams Street
Chicago, IL 60661

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