

USG LEVELROCK® BRAND SAM-N40™ ULTRA SOUND ATTENUATION MAT

Provides superior IIC ratings for demanding sound environments

- Three layers for increased sound absorption
- Low 7/16 in. (11 mm) profile
- STC and IIC values exceed code requirements for sound attenuation
- Can be used over a variety of subfloors
- May contribute towards LEED® credits
- Installed by USG Levelrock authorized applicators

DESCRIPTION

USG Levelrock® Brand SAM-N40™ Ultra Sound Attenuation Mat is an extremely economical solution to produce some of the highest IIC values in the industry. USG Levelrock SAM-N40 Ultra Sound Attenuation Mat can be installed over a variety of subfloors such as plywood, OSB, pre-cast concrete, concrete and metal pan decking. The low thickness of 7/16 in. (11 mm) can help address overall floor thickness limitations and building code sound requirements, making it ideal for multi-family wood frame construction. USG Levelrock SAM-N40 Ultra Sound Attenuation Mat requires a minimum 1 in. (25 mm) topping of USG Levelrock engineered cementitious underlayment.

VOC EMISSIONS

USG Levelrock SAM-N40 Ultra 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-N40 Ultra 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-N40 Ultra Sound Attenuation Mat can be used over a variety of subfloors including plywood, OSB, pre-cast concrete, concrete and metal pan decking. 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-N40 Ultra 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.

INSTALLATION CONT.

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-N40™ Ultra Sound Attenuation Mat
Width	39.5 in. (1 m)
Roll length	82 lf. (25 m)
Coverage per roll	270 sq. ft. (25.1 m ²)
Mat thickness	7/16 in. (11 mm)
Roll diameter	24 in. (610 mm)
Weight per roll	51 lbs. (23 kg)

TEST DATA

For fire ratings and IIC and STC sound test data, refer to the *USG Levelrock® and USG Durock™ Fire & Sound Rating Guide* (IG1685) at usgperformanceflooring.com.

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

PRODUCT INFORMATION

See usgperformanceflooring.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.

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

The information in this document is subject to change without notice. USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document. Consult your USG Company sales office or representative for information.

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.

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