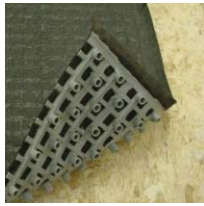


# LEVELROCK™ Brand Sound Reduction Mat



## SRM-25™

- Use between floors and units for excellent sound control
- Only 4.6% contact with floor surface
- Available in rolls for easy handling and installation
- 1/4" thick to minimize floor transition
- Ideal for wood-joint and concrete floor systems

**Description**

LEVELROCK™ Brand SRM-25™ Sound Reduction Mat is a high-performance material that increases IIC and STC ratings in wood-joint and concrete floor systems. This material is packaged in rolls and cuts easily with a utility knife for easy handling and quick installation. LEVELROCK Brand SRM-25 Sound Reduction Mat can improve IIC values by as much as 13 points, depending on the system tested; IIC values are always a function of the system design.

**Physical Properties**

**Material:** High-strength polyethylene core and polypropylene fabric  
**Thickness:** 0.25 inches  
**Density:** 2.4 lbs./cu. ft.  
**Weight:** .20 lbs./sq. ft.  
**Burst Strength:** 200 lbs.  
**Puncture Strength:** 60 lbs.  
**Color:** Black

**Packaging**

**Roll Width:** 36 inches  
**Length:** 110 feet  
**Area:** 330 sq. ft.  
**Roll Diameter:** 21 inches  
**Gross Weight:** 75 lbs.

**Acoustical Performance<sup>1</sup>**

IIC	Additional 8-13 points
STC	Additional 4-7 points

1. Actual acoustical performance is dependent on system design and construction. Values shown represent typical improvements provided by LEVELROCK Brand SRM-25 Sound Reduction Mat.

**Storage and Handling**

Material shall be delivered in original packaging and stored in an enclosed shelter providing protection from damage and exposure to the elements.

**Installation Guidelines**

**Perimeter Isolation Foam**

1. Install 1/4" LEVELROCK Brand Sound Isolation Strip polyethylene foam vertically at perimeter of subfloor including doorframes and around protrusions (e.g. plumbing, electrical, etc.). LEVELROCK Brand Sound Isolation Strip isolates sound mat from the walls, creating an acoustical break to minimize lateral sound transmission. LEVELROCK Brand Sound Isolation Strip also creates space to accommodate movement of the subfloor and expansion of the finished flooring.
2. Do not adhere LEVELROCK Brand Sound Isolation Strip with nails, screws, etc., as mechanical fasteners conduct impact sound, eliminating acoustical isolation.
 

**Drywall** Staple upper edge of foam to drywall, approximately 1 staple every 6 feet. Staples must be removed when the foam is trimmed to height of finished floor after LEVELROCK Brand Floor Underlayment is installed.

**Concrete walls and protrusions in floor** Adhere foam with flexible acoustical sealant, applying sealant to bottom 1" on back of mat. If conditions allow, foam may instead be held in place with LEVELROCK Brand Seam Tape.

**LEVELROCK Brand  
SRM-25 Sound  
Reduction Mat**

1. Cut each section of mat to full length of room so the number of seams is minimized.
2. Lay mat directly over subfloor (or waterproofing membrane, if applicable) with flat, fabric side facing up. If a mopped-on waterproof membrane has been applied to subfloor, place a layer of 15 lb. felt over membrane before installation of sound reduction mat.
3. Butt edges of adjoining lengths of mat together and tape joints with LEVELROCK Brand Seam Tape or a high-quality duct tape, such as NASHUA® 357, SHURTAPE® PC721 or equivalent. Do not use economy grades of duct tape, as the adhesive qualities are not sufficient to hold a bond when the LEVELROCK Brand Floor Underlayment is applied.
4. LEVELROCK Brand SRM-25 Sound Reduction Mat is free-floating. Do not attach to subfloor with nails, screws, staples, glue or other type of attachment, as this will eliminate the acoustical isolation.

**LEVELROCK Brand  
Floor Underlayment**

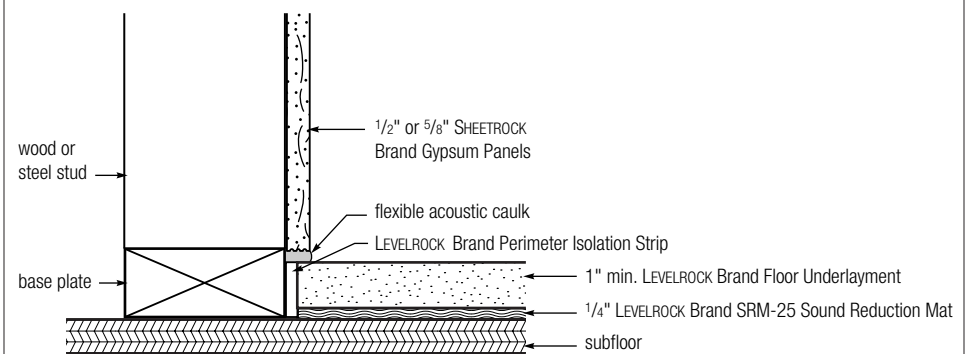
1. Using 2" LEVELROCK Brand Seam Tape, seal the angle between perimeter foam and surface of sound mat to prevent LEVELROCK Brand Floor Underlayment from flowing into spaces on underside of mat, which would adversely affect the acoustical isolation.
2. Seal black fabric face of sound mat with LEVELROCK Brand Floor Primer (Regular, Concentrate or Powdered), following instructions for priming wood floors (see USG literature item IG1505).
3. Install 1" LEVELROCK Brand Floor Underlayment according to USG instructions.

**Finish Flooring**

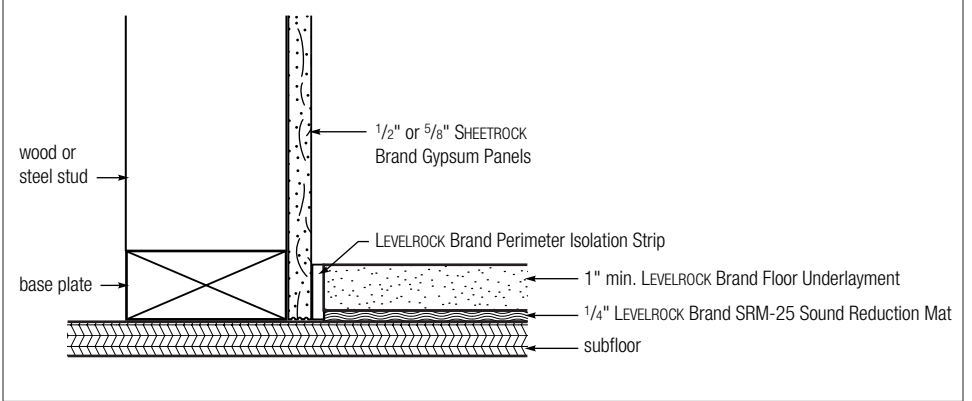
1. Install tile or natural stone according to ANSI A108.5, leaving 1/4" gap between flooring material and wall. Fill gap with acoustical sealant to prevent intrusion of hard materials.
2. Install hardwood with 1/4" gap between flooring material and wall. Fill gap with acoustical sealant to prevent intrusion of hard materials.
3. With vinyl and carpet, no gaps are required between the flooring material and walls. Carpet tack strips should be installed at least 1/4" from edge of poured LEVELROCK Brand Floor Underlayment.
4. Shim baseboards 1/8" above finished floor and fill gap underneath with acoustical sealant.

**Assemblies**

**Installed Before Drywall**



**Installed After Drywall**



**UL Designs and Code Approvals**

**UL Designs**

LEVELROCK Brand Floor Underlayments meet the following UL designs: G230, G516, J917, J919, J920, J924, J927, J931, J957, J966, J991, J994, K906, L206, L501, L502, L505, L511, L512, L513, L514, L518, L521, L524, L525, L528, L529, L530, L534, L535, L536, L537, L541, L544, L550, L555, L556, L563

New UL designs may become available; contact your local USG representative for more information.

**Model Building Code Approvals**

ICC Evaluation Service Report No. ER-5885  
 New York City Department of Buildings MEA (Materials and Equipment Acceptance) MEA 236-01-M  
 HUD 1314

**Submittal Approvals**

<b>Job Name</b>		
<b>Contractor</b>		<b>Date</b>

**Trademarks**

The following trademarks used herein are owned by United States Gypsum Company or a related company: LEVELROCK, SRM-25. NASHUA is a registered trademark of Tyco Adhesives. SHURTAPE is a registered trademark of Shurtape Technologies Inc.

**Note**

Products described here may not be available in all geographic markets. Consult your U.S. Gypsum Company sales office or representative for more 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 instructions 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 to us in writing within thirty days from the date it was or reasonably should have been discovered.

**SAFETY FIRST!**

Follow good safety practices. Read material safety data sheets and related literature on products before specification and/or installation.



Manufactured by  
United States Gypsum Company  
Industrial Products Division  
125 South Franklin Street  
Chicago, IL 60606

**800 USG.4YOU (874-4968)**  
**800 847.4431**  
**[www.levelrock.com](http://www.levelrock.com)**  
**[www.gypsumsolutions.com](http://www.gypsumsolutions.com)**

IG1619/5-04  
© 2004, United States Gypsum Company  
Printed in U.S.A.

United States Gypsum Company  
 125 South Franklin Street  
 Chicago, Illinois 60680-4124  
 A Subsidiary of USG Corporation

Product Safety: 1 (800) 507-8899  
[www.usg.com](http://www.usg.com)  
 Version Date: October 27, 2003  
 Version: 1

**SECTION 1**  
**CHEMICAL PRODUCT AND IDENTIFICATION**

**PRODUCT:** LEVELROCK™ Brand SRM-25 - Sound Reduction Mat  
**CHEMICAL FAMILY:** Polyethylene core and polypropylene fabric

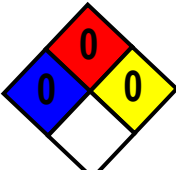

**SECTION 2**  
**COMPOSITION, INFORMATION ON INGREDIENTS**

MATERIAL	WT%	TLV (mg/m <sup>3</sup> )	PEL (mg/m <sup>3</sup> )	CAS NUMBER
Polyethylene	>75	(NE)	(NE)	9002-88-4
Polypropylene	<25	(NE)	(NE)	9003-07-0
Carbon Black	<0.03	3.5	3.5	1333-86-4

(T) – Total (R) – Respirable (NE) – Not Established mmpfc - million particles per cubic foot of air  
 All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory. All components of this product are included in the Canadian Domestic Substances List (DSL).

**SECTION 3**  
**HAZARD IDENTIFICATION**

**INFORMATION FOR HANDLING AND IDENTIFICATION OF CHEMICAL HAZARDS**

NFPA Ratings:		HIMS Ratings:		0 = Minimal Hazard
Health: 0		Health: 0		1 = Slight Hazard
Fire: 0		Fire: 0		2 = Moderate Hazard
Reactivity: 0		Reactivity: 0		3 = Serious Hazard
				4 = Severe Hazard

**EMERGENCY OVERVIEW:** This product is not expected to produce any unusual hazards during normal use. Due to the product's physical nature, no significant hazards are associated with this product.

**POTENTIAL HEALTH EFFECTS**

**ACUTE:**

**Eyes:** As with any foreign material, direct contact may cause mechanical irritation.  
**Skin:** Direct contact with the skin may cause no more than slight irritation or possible abrasion.  
**Inhalation:** There are no known health effects due to inhalation. Due to the physical nature of this product, inhalation is unlikely.  
**Ingestion:** There are no known health effects due to ingestion. Due to the physical nature of this product, ingestion is unlikely.

**CHRONIC:** Direct, repeated rubbing contact with the skin may cause slight irritation.



**SECTION 4**  
**FIRST AID MEASURES**

**FIRST AID PROCEDURES**

**Eyes:** Flush with water to remove particulates. If irritation persists, consult physician.

**Skin:** Wash with mild soap and water. If irritation persists, consult physician.

**Inhalation:** If dust is created from product, remove to fresh air. Leave the area of high dust exposure until coughing and other symptoms subside.

**Ingestion:** Not likely to occur. If ingested, call physician.

**TARGET ORGANS:** Eye and skin contact.

**PRIMARY ROUTES OF ENTRY:** None.

**SECTION 5**  
**FIRE FIGHTING MEASURES**

**General Fire Hazards:** None known.

**Extinguishing Media:** Water or use extinguishing media appropriate for surrounding fire.

**Special Fire Fighting Procedures:** Fire fighters and others exposed, wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

**Unusual Fire & Explosion Hazards:** None known.

**Hazardous Combustion Products:** Nitrogen oxides; carbon monoxide.

**Flash Point:** None Known

**Method Used:** Not Applicable

**Upper Flammable Limit (UFL):** Not Applicable

**Lower Flammable Limit (LFL):** Not Applicable

**Auto Ignition:** Not Applicable

**Flammability Classification:** Not Applicable

**Rate of Burning:** Not Applicable

**SECTION 6**  
**ACCIDENTAL RELEASE MEASURES**

**CONTAINMENT/ CLEAN-UP:**

No special precautions. Sweep, scoop or vacuum and remove.

**DISPOSAL:**

This material when discarded is not a hazardous waste as that term is defined by the Resource, Conservation and Recovery Act (RCRA), 40 CFR 261. Scrap can be disposed of in a sanitary landfill.

**SECTION 7**  
**HANDLING AND STORAGE**

**HANDLING:**

Avoid abrasive contact with skin and eyes.

**STORAGE:**

Store under normal conditions of handling and storage.



**SECTION 8**

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:**

Selection of engineering controls will depend on environmental working conditions and operations.

**RESPIRATORY PROTECTION:**

Special ventilation typically is not necessary, but may be desirable in specific work conditions. Use mechanical or local exhaust ventilation to keep levels below TLV. This material is not likely to present an airborne exposure concern under normal conditions of use.

**OTHER PERSONAL PROTECTIVE EQUIPMENT:**

**Eye/Face:** Use good industrial practice to avoid eye contact.

**Skin:** Gloves or protective clothing are usually not necessary, but may be desirable in specific work conditions.

**General:** Selection of Personal Protective Equipment will depend on environmental working conditions and operations.

**SECTION 9**

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Polyethylene core and polypropylene fabric		
<b>Physical State</b>	Solid	<b>Viscosity</b>	Not Applicable
<b>Odor</b>	No odor	<b>Solubility (H2O)</b>	Not Applicable
<b>pH @ 25 ° C</b>	Not Applicable	<b>Boiling Point</b>	Not Applicable
<b>Particle Size</b>	Not Applicable	<b>Melting Point</b>	Not Applicable
<b>Molecular Weight</b>	Not Applicable	<b>Softening Point</b>	Not Applicable
<b>Bulk Density</b>	4.5 ounces/yard	<b>Freezing Point</b>	Not Applicable
<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Not Applicable	<b>Vapor Density (Air = 1)</b>	Not Applicable
<b>Percent Volatile</b>	Zero	<b>Vapor Pressure (mm Hg)</b>	Not Applicable
<b>VOC Content</b>	Zero	<b>Evaporation Rate (BuAc = 1)</b>	Not Applicable

**SECTION 10**

**CHEMICAL STABILITY AND REACTIVITY**

<b>STABILITY:</b>	Stable.
<b>CONDITIONS TO AVOID:</b>	None known.
<b>INCOMPATIBILITY:</b>	None known.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>HAZARDOUS DECOMPOSITION:</b>	None known.

**SECTION 11**

**TOXICOLOGICAL INFORMATION**

**ACUTE EFFECTS:**

Direct contact may cause eye, skin and/or respiratory irritation.

LD<sub>50</sub>: Not Available for product. LC<sub>50</sub>: Not Available for product.

**CHRONIC EFFECTS / CARCINOGENICITY:**

Direct, repeated rubbing contact with the skin may cause slight irritation.



**SECTION 11 TOXICOLOGICAL INFORMATION (continued)**

**Carbon Black:** This product contains less than 0.3% carbon black. Any exposure to carbon black is expected to remain well below OSHA regulatory and ACGIH recommended limits during normal handling and use of this product. Epidemiological studies of workers in the carbon black producing industries of North America and Western Europe show no significant adverse health effect due to occupational exposure to carbon black. Early studies in the former USSR and Eastern Europe report respiratory diseases among workers exposed to carbon black, including: bronchitis, pneumonia, emphysema and rhinitis. Such studies are of questionable validity, due to inadequate study design and methodology, lack of appropriate controls for cigarette smoking, and other confounding factors such as concurrent exposures to carbon monoxide, coal oil and petroleum vapors. Moreover, review of these studies indicates that concentrations of carbon black were greater than current occupational exposure standards. In Monograph 65, issued in April 1996, the International Agency for Research on Cancer (IARC) re-evaluated carbon black and concluded that, "Although one cohort study on the carbon black production industry showed slight excesses of cancer, the totality of the epidemiology studies, both in the carbon black production industry and in some user industries, suggested that there is inadequate evidence for the carcinogenicity in humans of carbon black".

Based on an IARC conclusion that there is "sufficient evidence in experimental animals for the carcinogenicity of carbon black" and inadequate evidence of carcinogenicity in humans, IARC's overall evaluation is that "carbon black is possibly carcinogenic to humans" (Group 2B).

Carbon black has not been listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). The National Institute of Occupational Safety & Health (NIOSH) criteria document on carbon black recommends that only carbon blacks with PAH levels greater than 0.1 % be considered suspect carcinogens.

**SECTION 12  
 ECOLOGICAL INFORMATION**

**ENVIRONMENTAL TOXICITY:** This product has no known adverse effect on the ecology.

**Ecotoxicity value:** Not determined.

**SECTION 13  
 DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:**

In most cases, scrap can be disposed of in a sanitary landfill. Dispose of material in accordance with Federal, State, Provincial, and Local regulations

**SECTION 14  
 TRANSPORT INFORMATION**

**U.S. DOT INFORMATION:** Not a hazardous material per DOT shipping requirements. Not classified or regulated.

<b>Shipping Name</b>	Same as product name.
<b>Hazard Class:</b>	Not classified
<b>UN/NA #:</b>	None. Not classified.
<b>Packing Group:</b>	None.
<b>Label (s) Required:</b>	Not applicable.
<b>GGVSec/MDG-Code:</b>	Not classified.
<b>ICAO/IATA-DGR:</b>	Not applicable.
<b>RID/ADR:</b>	None
<b>ADNR:</b>	None

**SECTION 15**  
**REGULATORY INFORMATION**

**UNITED STATES REGULATIONS**

All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory.

MATERIAL	WT%	302	304	313	CERCLA	CAA Sec. 112	RCRA Code
Polyethylene	>75	NL	NL	NL	NL	NL	NL
Polypropylene	<25	NL	NL	NL	NL	NL	NL
Carbon Black	<0.03	NL	NL	NL	NL	NL	NL

Key : NL = Not Listed

SARA Title III Section 302 (EPCRA) Extremely Hazardous Substances: Threshold Planning Quantity (TPQ)

SARA Title III Section 304 (EPCRA) Extremely Hazardous Substances: Reportable Quantity (RQ)

SARA Title III Section 313 (EPCRA) Toxic Chemicals: X= Subject to reporting under section 313

CERCLA Hazardous Substances: Reportable Quantity (RQ)

CAA Section 112 (r) Regulated Chemicals for Accidental Release Prevention: Threshold Quantities(TQ)

RCRA Hazardous Waste: RCRA hazardous waste code

**CANADIAN REGULATIONS**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. All components of this product are included in the Canadian Domestic Substances List (DSL).

MATERIAL	WT%	IDL Item #	WHMIS Classification:
Polyethylene	>75	Not Listed	Not Listed
Polypropylene	<25	Not Listed	Not Listed
Carbon Black	<0.03	309	Not Listed

IDL Item # : Canadian Hazardous Products Act – Ingredient Disclosure List Item #

WHMIS Classification: Workplace Hazardous Material Information System

**CARCINOGENICITY CLASSIFICATION OF SUBSTANCES WHICH MAY BE PRESENT** All substances, if present, are at levels well below regulatory limits. See Section 11 : Toxicology Information for detailed information

MATERIAL	IARC	NTP	ACGIH	CAL- 65
Carbon Black	2B	Not Listed	A4	Listed

IARC – International Agency for Research on Cancer (World Health Organization)

- 1- Carcinogenic to humans
- 2A – Probably carcinogenic to humans
- 2B – Possibly carcinogenic to humans
- 3 - Not classifiable as a carcinogen
- 4 – Probably not a carcinogen

NTP – National Toxicology Program (Health and Human Services Dept., Public Health Service, NIH/NIEHS)

- 1- Known to be carcinogen
- 2- Anticipated to be carcinogens

ACGIH – American Conference of Governmental Industrial Hygienists

- A1 – Confirmed human carcinogen
- A2 – Suspected human carcinogen
- A3 – Animal carcinogen
- A4 - Not classifiable as a carcinogen
- A5 – Not suspected as a human carcinogen

CAL-65 – California Proposition 65 “Chemicals known to the State of California to Cause Cancer”

**SECTION 16**  
**OTHER INFORMATION**

**ΔWARNING!**

Direct, repeated rubbing contact with the skin may cause slight irritation. Avoid contact with eye. Do not ingest. If ingested, call physician. Product safety information: (800) 507-8899 or [www.usg.com](http://www.usg.com)

**KEEP OUT OF REACH OF CHILDREN.**

**Key/Legend**

TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
CAS	Chemical Abstracts Service (Registry Number)
NIOSH	National Institute for Occupational Safety and Health
MSHA	Mine Safety and Health Administration
OSHA	Occupational Health and Safety Administration
ACGIH	American Conference of Governmental Industrial Hygienists
IARC	International Agency for Research on Cancer
DOT	United States Department of Transportation
EPA	United States Environmental Protection Agency
NFPA	National Fire Protection Association
HMIS	Hazardous Materials Identification System
PPE	Personal Protection Equipment
TSCA	Toxic Substances Control Act
DSL	Canadian Domestic Substances List
NDSL	Canadian Non-Domestic Substances List
SARA	Superfund Amendments and Reauthorization Act of 1986
RCRA	Resource Conservation and Recovery Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
UN/NA#	United Nations/North America number
CFR	Code of Federal Regulations
WHMIS	Workplace Hazardous Material Information System

**Prepared by:**

**Product Safety**

**USG Corporation**

**125 South Franklin St.**

**Chicago, Illinois 60606**