

# USG LEVELROCK® BRAND PERIMETER ISOLATION STRIP

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## Lightweight foam strips for use with USG Levelrock® Brand sound systems

- Isolates USG Levelrock® Brand floor systems to reduce horizontal transmission of airborne and impact noise
  - Helps minimize effect of gypsum expansion and cracking
  - Available in 2.5 in. (64 mm) and 4 in. (102 mm) widths
  - Installed by USG Levelrock authorized applicators
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### DESCRIPTION

To achieve the desired effectiveness in a sound system, a perimeter isolation strip is necessary. USG Levelrock® Brand Perimeter Isolation Strip is a thin band of lightweight foam material used for minimizing sound transmissions between the floor and the wall. USG Levelrock Perimeter Isolation Strip is designed for use with all USG Levelrock® SAM-N™ Sound Attenuation Mat Series, SRM-25™ Ready Seam™ Sound Reduction Mat and D20 PLUS™ Low Profile Sound mat.

USG Levelrock Perimeter Isolation Strip can also be used in various USG Levelrock and USG Durock™ Brand gypsum applications to minimize the effect of gypsum expansion and cracking on outside corners.

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### LIMITATIONS

1. Do not use in exterior applications.
  2. Do not install where continuous exposure to moisture is a possibility.
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### INSTALLATION PREFERRED METHOD

Install the USG sound attenuation product to a clean floor, leaving a 1/4 in. (6 mm) space (gap) at all wall intersections. When pouring before drywall applications, the sound attenuation product is installed exactly the same way, except the gap will be between the sound attenuation product and the bottom plate of the studded wall.

Install USG Levelrock 2.5 or 4.0ab Perimeter Isolation Strip directly to the vertical surface of the bottom plate or the drywall so that the bottom edge of the strip is level with the top surface of the sound attenuation product. USG Levelrock 2.5 Perimeter Isolation Strip must be attached to the wallboard using either staples, spray adhesive or a high quality duct tape (USG Levelrock 4.0ab Perimeter Isolation Strip is adhesive backed so staples or duct tape are not necessary). In all cases, the attachment points must be above the final poured USG Levelrock surface.

Fold duct tape in half (along the length), applying one half of the tape to the vertical surface of the strip and the other half of the tape to the horizontal surface of the sound attenuation product. Make sure the tape adheres tightly to both surfaces. Any creases or improper positioning of the tape could allow USG Levelrock slurry to leak into the gap which will cause a "short circuit" in the sound reduction system.

**INSTALLATION CONT.**  
ALTERNATE 4.0AB METHOD

Install the USG sound attenuation product to a clean floor, leaving a 1/4 in. (6 mm) space (gap) at all wall intersections. When pouring before drywall application, the sound attenuation product is installed exactly the same way, except the gap will be between the sound attenuation product and the bottom plate of the studded wall.

Using the USG Levelrock 4.0ab Perimeter Isolation Strip (the 2.5 strip cannot be used for this method), create an “L” shape along the length of the strip. Apply the longer portion of the strip to the wallboard utilizing the adhesive backing and apply the shorter portion of the strip on top of the sound attenuation product (maintaining the “L” shape). Seal the edge of the perimeter isolation strip to the sound attenuation product using high quality duct tape.

Make sure the tape adheres tightly to both surfaces. Any creases or improper positioning of the tape could allow USG Levelrock slurry to leak into the gap which will cause a “short circuit” in the sound reduction system.

When pouring before drywall application, the strip is attached to the studs using the method described above. In all cases, the attachment points must be above the final poured USG Levelrock surface.

**NOTE** Adhesives may not adhere well in cold weather. In that case, the perimeter isolation strip should be stapled to the wall with the staples above the final USG Levelrock floor underlayment surface. After the underlayment has set, cut off the excess strip and remove the staples. It is critical that all joints are sealed properly to keep USG Levelrock floor underlayment from seeping under the strip and reducing the effectiveness of the sound system.

EXPANSION AT OUTSIDE CORNERS AND PERIMETER OF ROOM (NO SOUND PRODUCT)

When pouring USG Levelrock and USG Durock™ gypsum floor underlayments over concrete or wood subfloors, USG Levelrock 2.5 Perimeter Isolation Strip should be installed along any vertical transition including the entire perimeter of the room.

To minimize the effect of gypsum expansion and cracking in USG Levelrock and USG Durock™ gypsum underlayment applications, wrap USG Levelrock Perimeter Isolation Strip 2.5 (1/4 in. (6 mm) thick) around all door jambs, columns and pipes. For outside corners, the strip should extend a minimum of 24 in. (610 mm) from the corner on both sides.

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

**PRODUCT DATA**

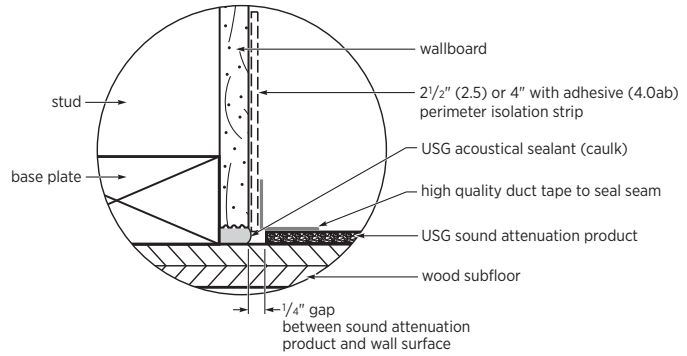
	USG Levelrock® 2.5 Perimeter Isolation Strip	USG Levelrock® 4.0ab Perimeter Isolation Strip
<b>Material</b>	Polyethylene	Polyethylene
<b>Cell Structure</b>	Closed	Closed
<b>Color</b>	White	White
<b>Width (in.)</b>	2.5	4.0
<b>Roll Length (lineal ft.)</b>	125	450
<b>Thickness (in.)</b>	.25	.125
<b>Adhesive Backing</b>	No	Yes

**STORAGE**

USG Levelrock Perimeter Isolation Strip should be kept in the original package and stored in an enclosed structure protected from the elements.

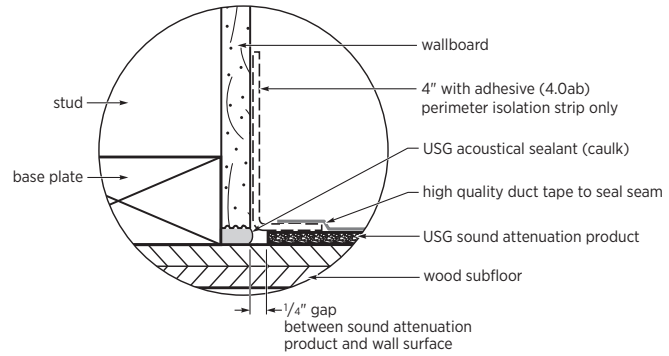
**ASSEMBLIES**

**USG PERIMETER ISOLATION STRIP  
PREFERRED INSTALLATION METHOD**



**USG Perimeter Isolation Strip  
Preferred Installation Method**

**USG PERIMETER ISOLATION STRIP  
ALTERNATE 4.0AB INSTALLATION METHOD**



**USG Perimeter Isolation Strip  
Alternate 4.0ab Installation Method**

**SUBMITTAL APPROVALS**

Job Name	
Contractor	Date

**PRODUCT INFORMATION**

See usg.com or pourlevelrock.com for the most up-to-date product information.

**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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**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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