

EchoEdge Installation Guide

Note: Please read the entire Installation Guide before application.

The installation guide is intended to provide installers with helpful information regarding EchoEdge prior to installing the material. Kirei accepts no responsibility for installation actions taken or not taken. This installation guide is not intended to be an in-depth guide; installers' knowledge as experienced tradesman needs to be applied.

This installation guide serves only as a recommendation for installing and handling EchoEdge. If you have questions about application or techniques, contact Kirei at www.kireiusa.com or 619.236.9924.

ECHOPANEL SPECIFICATIONS

What is EchoEdge?

EchoEdge is made from EchoPanel®, a decorative surface material offering acoustic performance with a felt-like finish. It is made from 100% PET thermally stable plastic which, contains at least 60% post-consumer content. EchoPanel is also recyclable in the PET waste stream. Please consult the EchoEdge spec sheet for material specifications.

Fire Rating

EchoEdge is rated ASTM E84 Class C. EchoEdge can be treated to satisfy Class A requirements as needed. Check the Fire Rating requirements for your Project, Building or Municipality in advance. ASTM E84 test results can be obtained by contacting Kirei.

Low VOC Material

EchoPanel is considered a low-VOC emitting material making it a healthy building option for interior finishes. EchoPanel is CDPH (CA 01350) Compliant TVOC: <0.5 mg/m³, and Ecospecifier GreenTag Compliant; TVOC: 0.015 MG/M²/HR (ASTM D5516).

Handling and Storage

Keep it clean! EchoPanel is an absorbent material and traps dirt, grime and debris just as well as it does sound. White glove handling is recommended for prep, processing and installation. Kirei is not responsible for mishandling on the job site.

Keep it flat! If cutting, drilling or mounting hardware on site, make sure that EchoEdge is evenly supported on a flat, clean surface. Improperly handled material can crease.

Storage areas should be clean, dry, cool, and well ventilated.

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Handling and Storage (Cont.)

All EchoEdge products are inspected prior to shipment. Kirei is not responsible for damage in shipment or in storage; customers should carefully inspect all items at time of delivery and note any obvious damage on the delivery receipt. For the customer's protection subsequently discovered concealed damage must be reported immediately to the carrier. Claims to Kirei will not be considered if the sheet has been worked by the customer or others. No claims for labor charges will be allowed in any circumstances.

To handle and store EchoEdge properly, follow these guidelines:

- Carefully inspect all material at time of delivery and note any obvious damage on the delivery receipt.
- Keep EchoEdge as clean as possible during storage. EchoEdge should be kept free from grease, wax, dust, and chips that could leave impression.
- Store EchoEdge indoors, in a dry, cool, well-ventilated area.
- Avoid exposure to heat 150°F (65°C) or greater.
- Keep table tops clean to avoid scratching.
- Inspect for defects, then recover for protection during fabrication.
- Wear clean white gloves when handling EchoEdge.
- Do NOT store EchoEdge near radiators, steam pipes, or in direct sunlight.

Cleaning and Care

Remove dust and dirt by dusting, vacuuming, or with a soft cloth or sponge and a solution of carpet or upholstery shampoo. Always use a soft, damp cloth and blot dry. Spot cleaner such as ZEP Commercial Instant Spot Remover has been used with success for some light soil situations. No guarantee is given for cleaning results with this product.

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Installation

Preparation

Carefully plan your installation to ensure you have a sufficient number of units for the project. Plan, measure and mark your layout in advance to ensure accuracy of placement. The construction adhesive to install EchoEdge is very strong and is not designed for repositioning or adjusting.

Manual Trimming

EchoEdge can be readily cut or trimmed with a utility knife. Use a new, clean blade and change blade as needed to maintain high quality cuts. Use a straight edge as a guide. Hold the knife as vertically as possible and make long, continuous cuts in the same direction using a straightedge as a guide. Typically 3-4 passes are needed to safely cut through the EchoEdge. Hand trimming is not recommended for abutting panels. For more information on cutting EchoEdge, please review the EchoPanel Panel Installation Guide located on www.kireiusa.com.

Mounting

Prior to installation, ensure the surface area to which EchoEdge unit/s are going to be fixed is smooth, clean and free from dust or any other contaminant that may impede the installation. We recommend a test panel be used on the substrate to determine that the adhesive is suitable for the application.

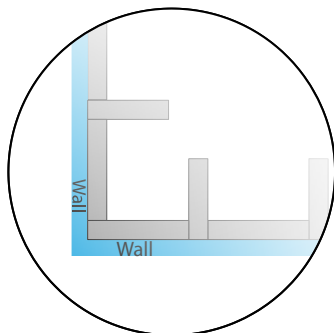
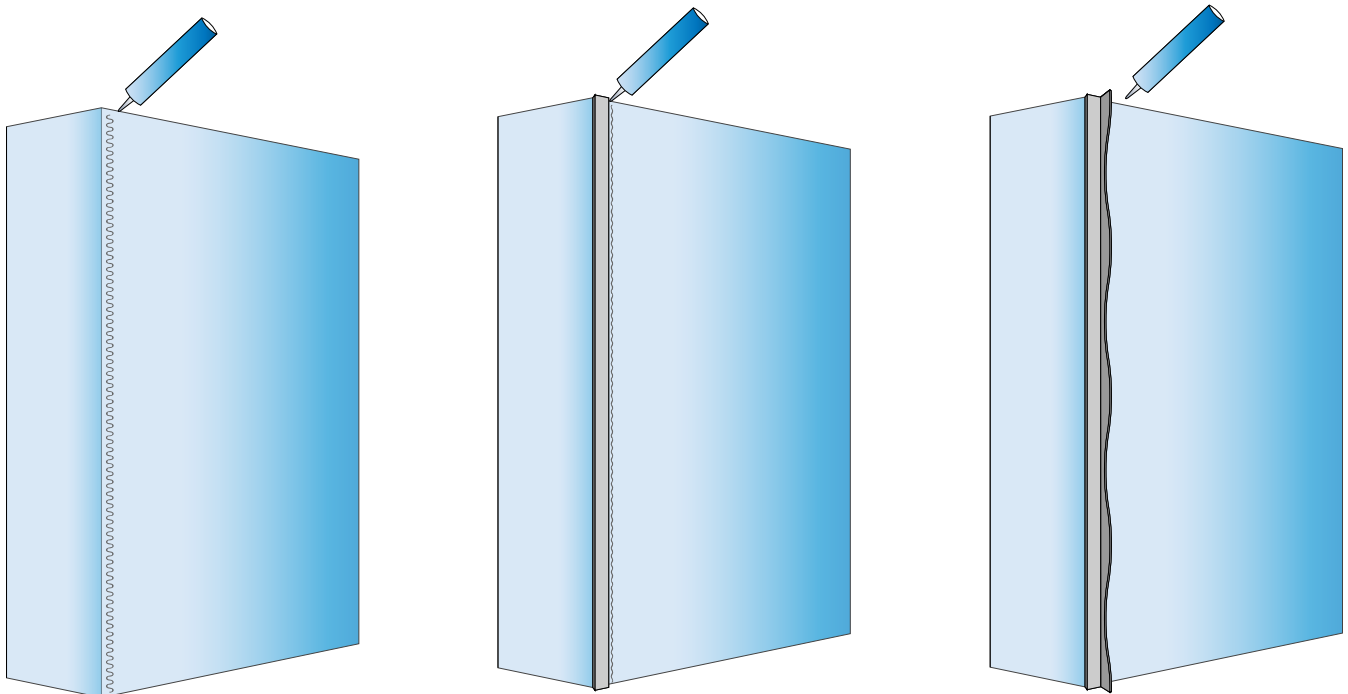
EchoEdge should be installed with standard construction adhesive (no PVA glue). Apply adhesive to the back of the fins and slabs in a regular pattern, leaving room at the edges for glue to spread.

After applying adhesive, mount the EchoEdge unit/s per layout and maintain even pressure per adhesive manufacturer instructions. Clean any excess adhesive.

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Assembly & Mounting

1. Determine the location of install and measure the area to ensure the arrangement will fit.
2. Separate fins and slabs and put them in different clean areas to ensure you're using the right part while adhering to the wall.
3. Make sure to start with 90 degree corners of the wall (as illustrated below) and end with the edge of the wall if possible.
4. Use a level to align the first piece and mark the wall.
5. Using clear construction adhesive, mount to wall starting with slab then fin and repeat.
6. Level horizontally and vertically every 10 in. of install.

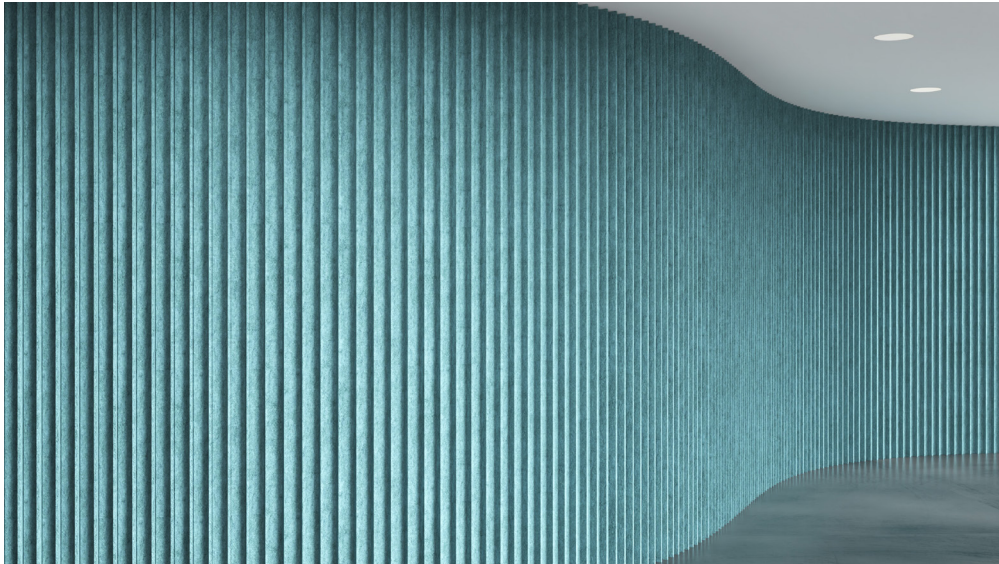


Note: 90 degree corners of walls will need to be installed as illustrated.

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Important Notes:

- EchoEdge can be installed on curved walls, both concave and convex, although based on the wall radius, the product may need to be customized. Please contact Kirei for more information.



- Custom size slabs are available as well as custom designed fins in various shapes and designs. Fins cannot be over 5 in. from the wall.

Work Safety

In the interest of work safety, it is recommended that people working with EchoEdge wear the appropriate safety equipment. Although the product emits zero off-gases, masks and gloves should be worn to ensure the maximum possible safety precautions. For an SDS form, please contact Kirei at info@kireiusa.com or 619-236-9924.

Final Note

Kirei will not be responsible for any cutting or mounting not performed by Kirei staff.

For any other questions or concerns, please contact Kirei.