

EchoPanel EchoRidge Installation Guide

Note: Please read the entire Installation Guide before application.

The installation guide is intended to provide installers with helpful information regarding EchoPanel® EchoRidge 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 EchoPanel EchoRidge. If you have questions about application or techniques, contact Kirei at www.kireiusa.com or 619.236.9924.

ECHORIDGE SPECIFICATIONS

What is EchoRidge?

EchoRidge is an EchoPanel element that is made of a decorative acoustically absorbent material with a felt-like finish. It is made from 100% PET thermally stable plastic which, depending on the color, contains up to 60% post-consumer content. EchoPanel is also recyclable in the PET waste stream. Please consult the EchoRidge spec sheet for material specifications.

Fire Rating

EchoPanel EchoRidge is rated ASTM E84 Class C. EchoRidge 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 EchoRidge 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 EchoRidge 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 EchoRidge properly, follow these guidelines:

- Carefully inspect all material at time of delivery and note any obvious damage on the delivery receipt.
- Store EchoRidge horizontally with support.
- Keep EchoRidge as clean as possible during storage. EchoRidge should be kept free from grease, wax, dust, and chips that could leave impression.
- Store EchoRidge 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 EchoRidge.
- Do NOT store EchoRidge 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.

EchoRidge Installation

Carefully plan your installation to ensure you have sufficient number of EchoRidge elements for the project by laying up the elements on the floor first. Be careful with the peaks of the EchoRidge as they can be dented when pressed on the ground or hit against anything hard.

Plan, measure and mark your layout in advance to ensure accuracy of placement. The construction adhesive used to install EchoRidge is very strong and is not designed for repositioning or adjusting.

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EchoRidge Installation (Cont.)

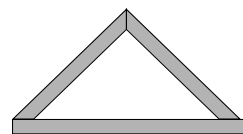
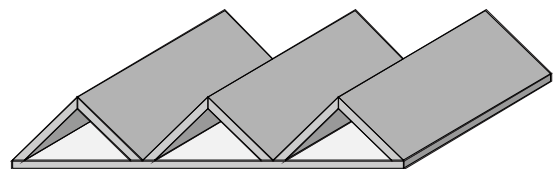
EchoRidge is installed by adhering the elements to the wall or ceiling surface with the appropriate adhesive. Please contact Kirei to request a sample to test install.

Recommended adhesives: Liquid Nails, Loctite® PL Premium® Polyurethane Construction Adhesive, Loctite PowerGrab White.

Safety note: Always make sure your platform or ladder is safe and secure before ascending.

Installation

1. Ensure all surfaces are clean, dry, plumb, and level prior to installation.
2. Make sure hands or gloves are clean before handling the material.
3. Beginning from a corner, measure your layout to ensure everything fits square and centered.
4. Spread construction adhesive (no PVA glue) evenly on the back of the element using a v-notch trowel leaving a ½” or ¾” space on all edges.
5. Adhere to surface and provide bracing to hold the element against surface per adhesive instructions. Clean any excess adhesive.



Work Safety

In the interest of work safety, it is recommended that people working with Kirei EchoRidge 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.