

EchoPanel EchoBlade Installation Guide

Note: Please read the entire Installation Guide before application.

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

EchoPanel EchoBlade Specifications

The EchoBlade system is sound absorbing and diffusing ceiling-hung blades made from EchoPanel®. EchoBlade may be directly mounted to ceilings or can hang via a wide range of ceiling suspension systems using either Kirei-supplied brackets or other hardware if specified.

EchoBlade Parts

Each system comes with 1 blade and mounting kit (ACT clip or magnet, specified when ordering).

47" ACT clip install box includes: 1 blade 2 FUC 2 ACT clips 4 set screws	23" ACT clip install box includes: 1 blade 1 FUC 1 ACT clip 2 set screws
47" magnet install box includes: 1 blade 2 DUC 2 magnets 4 set screws	23" magnet install box includes: 1 blade 1 DUC 1 magnet 2 set screws

Note: DUC and FUC refer to "Direct-mount U Channel" and "Female U Channel" mounting brackets.

Installation Notes

The safest and easiest install is achieved by evaluating the location in advance. Depending on the size of the individual blades, 1-2 people are required for safe installs. In certain situations, it may be easier to install the hardware first and then mount the blades. All versions of brackets require (2) #8 x 1/2" screws for securing the blade to the bracket, which are supplied with the brackets. All DUC brackets install to the hard ceiling first, then mount blade. Other blades/brackets can be mounted at the discretion of the installer based on ceiling height, suspension type and size of blade.

EchoPanel EchoBlade Installation Guide

Preferred Installations

Note: When installing EchoBlade, clean gloves should always be used. Exercise caution when mounting EchoBlade to avoid scratching the T-grid.

Magnetic Install

Step 1: Remove blades from packaging. Count quantity of all parts to make sure all expected parts are included. Be sure to keep them on a clean surface to avoid damage.

Step 2: Install the U-channel provided to the EchoBlade in the center of 23" blade or evenly spaced on the 47" blade using provided set screws.

Step 3: Attach magnet to the flat top face of the U-channel.
Attach assembled blade to the ACT track as desired.



ACT Clip Install

Step 1: Remove blades from packaging. Count quantity of all parts to make sure all expected parts are included. Be sure to keep them on a clean surface to avoid damage.

Step 2: Measure and align the blade to make certain that the brackets mount at an appropriate distance and angle.

Step 3: Attach the ACT clips to the U-channel.

Step 4: Install the blade into the U-channel and secure with set screws.

Step 5: Attach ACT clips to ACT grid, taking care not to scratch the grid track surface.



Fire Rating

EchoPanel® 12mm panels are Class C fire rated by the ASTM E84 test. ASTM E84 test results can be obtained by contacting Kirei at info@kireiusa.com or 619.236.9924.

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).

EchoPanel EchoBlade Installation Guide

Handling & Storing

EchoPanel® panels and tiles should be stored flat. Storage areas should be clean, dry, cool, and well ventilated. EchoPanel® is a soft material which may be damaged by impression or impact, and may be soiled by contact with dirty surfaces or hands. Maintain clean work surfaces and wear clean gloves while handling EchoPanel®. All EchoPanel® 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.

Handling & Storage Guidelines

- Carefully inspect all material at time of delivery and note any obvious damage on the delivery receipt.
- Store EchoPanel® sheets horizontally, with support under full sheets.
- Keep EchoPanel® sheets as clean as possible during storage. Both sides of EchoPanel® should be kept free from grease, wax, dust, and chips that could leave impression.
- Store EchoPanel® sheets 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 the sheets.
- Before cutting the sheets, inspect the whole sheet for defects, then recover for protection during fabrication.
- Wear clean gloves when handling the sheets.
- Do NOT store EchoPanel® sheets near radiators, steam pipes, or in direct sunlight.

Cleaning & 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 light soil. No guarantee is given for cleaning results with this product.

Work Safety

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

For any other questions or concerns, please contact Kirei.