

# EchoPanel EchoFold ACT Installation Guide

**Note: Please read the entire Installation Guide before application.**

The installation guide is intended to provide installers with helpful information regarding EchoPanel® EchoFold ACT 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 EchoFold ACT. If you have questions about application or techniques, contact Kirei at [www.kireiusa.com](http://www.kireiusa.com) or 619.236.9924.

## ECHOPANEL SPECIFICATIONS

### What is EchoFold ACT?

EchoFold ACT is a cut, folded and mounted EchoPanel tile designed for use in ACT grid ceilings as a decorative sound absorber. EchoFold ACT 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 Echofold ACT spec sheet for material specifications.

### Fire Rating

EchoPanel EchoFold ACT is rated ASTM E84 Class C. EchoFold ACT 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/m<sup>3</sup>, and Ecospecifier GreenTag Compliant; TVOC: 0.015 MG/M<sup>2</sup>/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 EchoFold ACT is evenly supported on a flat, clean surface. Improperly handled material can crease.

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

# EchoPanel EchoFold ACT Installation Guide

## Handling and Storage (Cont.)

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 EchoFold ACT.

All EchoFold ACT 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 EchoFold ACT properly, follow these guidelines:

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

# EchoPanel EchoFold ACT Installation Guide

## Installation

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

1. Ensure all surfaces and T-grid are clean prior to installation to prevent scuffs and staining.
2. Make sure hands and/or gloves are clean before handling the material.
3. EchoFold ACT installs just like standard ACT tiles. Hold EchoFold ACT flat side up (so that the folded elements are facing down). Please ensure that you have 8"-10" unobstructed clearance above the T-Grid to ensure the EchoFold ACT can pass through the opening.
4. Angle the tile so that you can insert one end in first.
5. Insert the tile almost completely into the ceiling.
6. Carefully drop tile into place, ensuring that the T-grid doesn't scrape the edges.
7. Visually inspect all four corners checking that they are properly seated.



## Work Safety

In the interest of work safety, it is recommended that people working with Kirei EchoFold ACT 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](mailto: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.**