



# EchoRidge & EchoRidge ACT Installation Guide

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

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

## **EchoRidge Installation**

### **Preparation**

Carefully plan your installation to ensure you have sufficient tiles for the project. Plan, measure and mark your layout in advance to ensure accuracy of placement. EchoRidge adhesive is very strong and is not designed for repositioning or adjusting.

### **Manual Trimming**

EchoRidge 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 EchoRidge. Hand trimming is not recommended for abutting tiles. For more information on cutting EchoRidge, please review the EchoPanel Panel Installation Guide located on [www.kireiusa.com](http://www.kireiusa.com).

### **Mounting**

Prior to installation, ensure the surface area to which the tiles 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 tile be used on the substrate to determine that the adhesive is suitable for the application.

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

After applying adhesive, mount EchoRidge per layout and maintain even pressure per adhesive manufacturer instructions. Clean any excess adhesive.

EchoRidge can be fixed to surfaces by adhesives or mechanical fasteners. For best acoustic results it may be desirable to leave an air gap behind the EchoRidge. This may be done with wood or other battens, or by cutting strips of EchoPanel to use as furring strips. For a full list of installation options, please review the EchoPanel Panel Installation Guide located on [www.kireiusa.com](http://www.kireiusa.com).

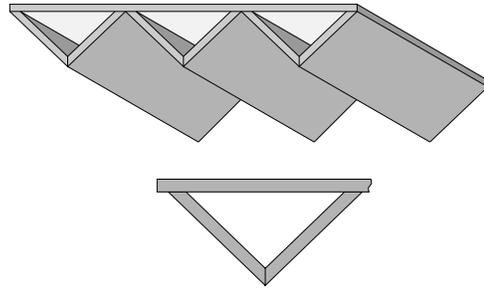


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## EchoRidge ACT Installation

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. EchoRidge ACT installs just like standard ACT tiles. Hold EchoRidge 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 EchoRidge 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.



*Note: Tiles are cut on a grain and can reflect light differently, looking slightly lighter or darker depending on placement. When applying the tiles, ensure the color of the tiles complements your light source. Rotate the tile if color varies from the adjacent tile.*

## Work Safety

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