



EchoLine Installation Guide

Note: Please read the entire Installation Guide before application.

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

Preparation

Carefully plan your installation to ensure you have sufficient panels for the project. Plan, measure and mark your layout in advance to ensure accuracy of placement.

Manual Trimming

EchoLine 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 EchoLine. Hand trimming is not recommended for abutting panels. For more information on cutting EchoLine, please review the EchoPanel Panel Installation Guide located on www.kireiusa.com.

Note for EchoLine 45: If trimming EchoLine 45, please note that the grooves align where abutted, therefore you cannot trim middle abutted panels, only far left and right panels where there is no abutment.

Mounting

Prior to installation, ensure the surface area to which the panels 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.

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

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



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EchoLine 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 EchoLine. 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.

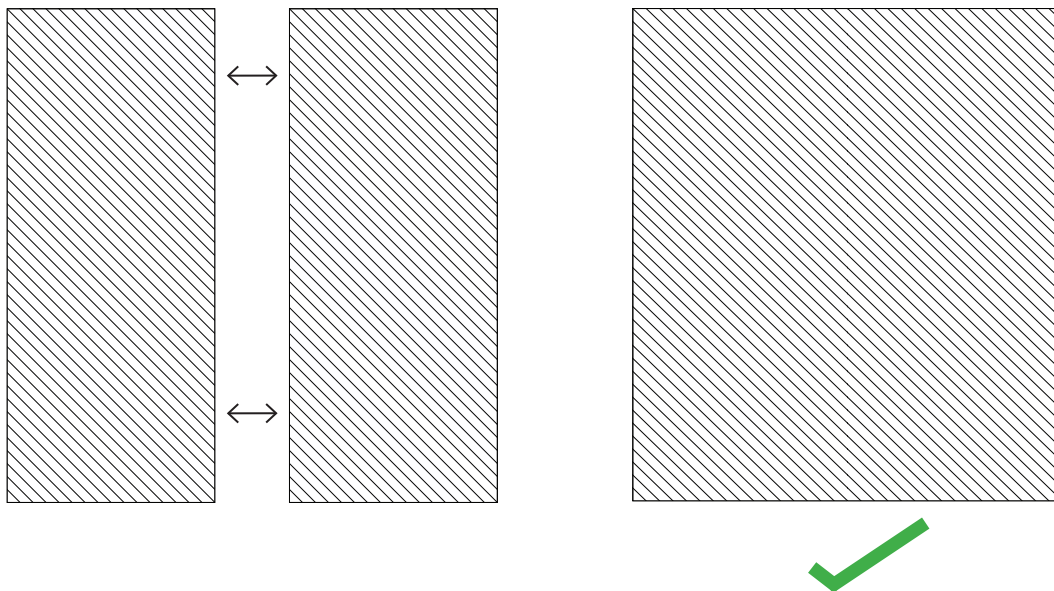
Note: Panels are cut on a grain and can reflect light differently, looking slightly lighter or darker depending on placement. When applying the panels, ensure the color of the panels complements your light source.

Important Notes

General EchoLine

- Some grooves may be wider or narrower than others. It is recommended, for continuous application of panels side by side on a wall, these grooves must be assessed by a qualified installer and grouped by groove size & depth for accurate pattern matching.
- Align from the bottom valley of the groove cut as shown. This will assist to alleviate any minor discrepancies in the panel and vee groove tolerances resulting in a clean visual line.
- DO NOT align from the outside edges of the vee groove cut.

EchoLine 45

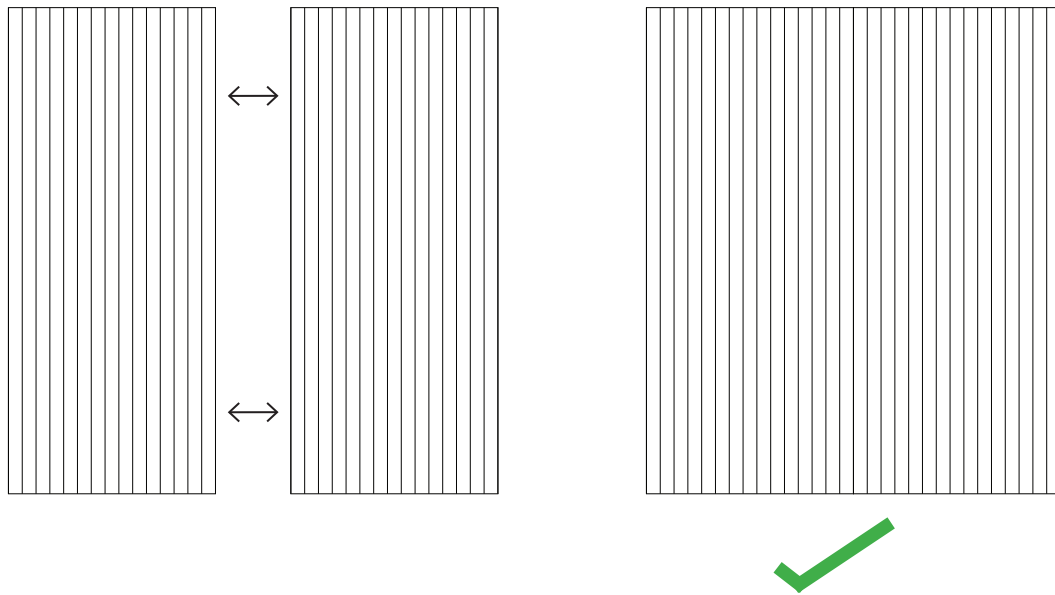




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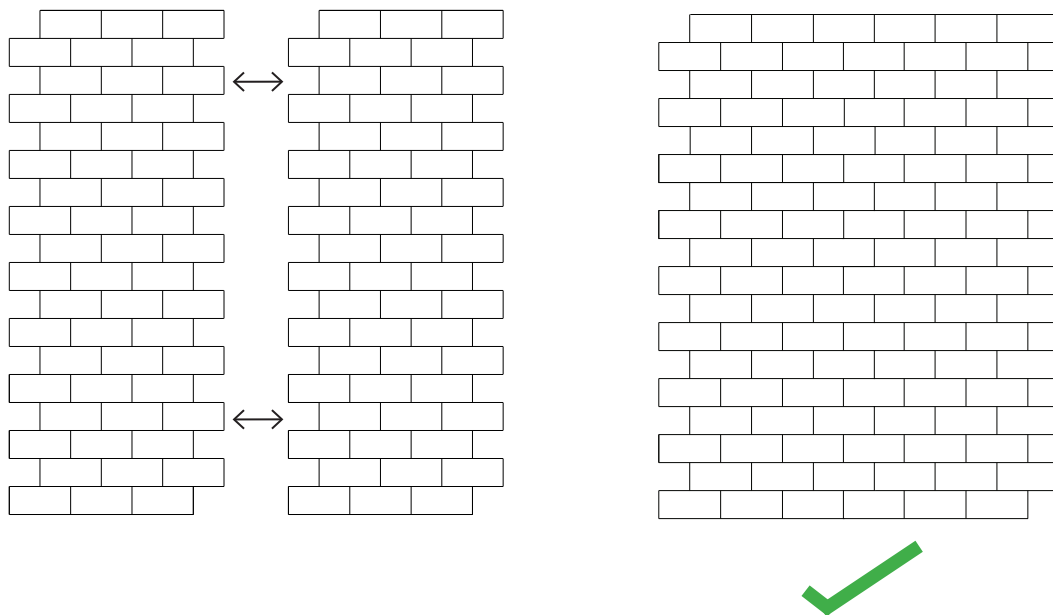
EchoLine Groovy

- Panel has beveled edge.



EchoLine Subway

- Full sheets of Subway are interlocking.

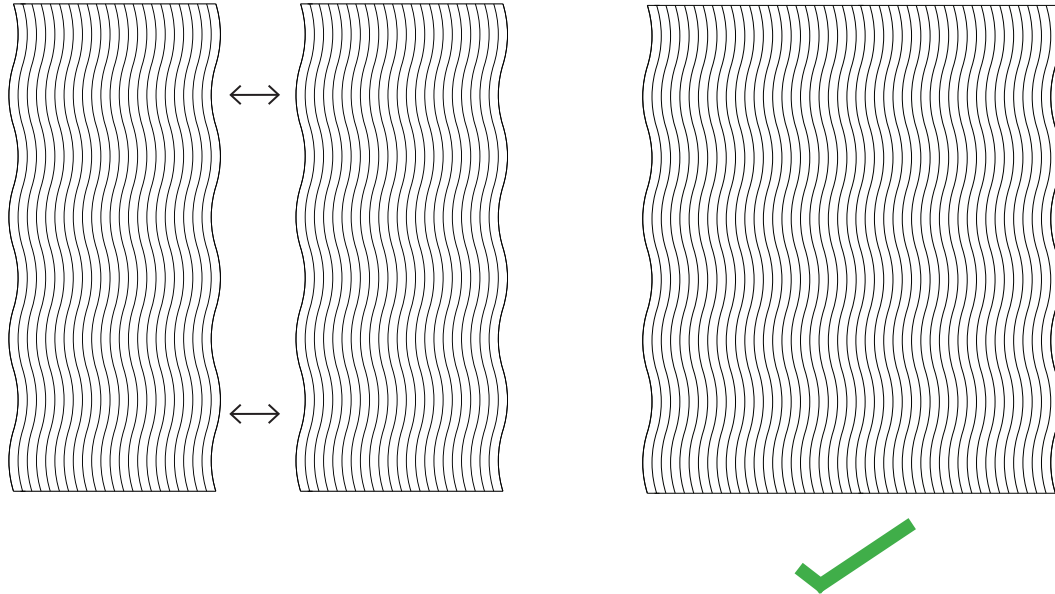




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EchoLine Wavy

- The EchoLine Wavy 2.0 panel comes as shown below with 2 undulating edges and 2 straight edges.



Work Safety

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