



Embossed Panel Series Installation Guide

Note: Please read the entire Installation Guide before application.

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

INSTALLATION

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. Adhesive for products in the Embossed Panel Series is very strong and is not designed for repositioning or adjusting. Before mounting on wall, check light sources. Products from the Embossed Panel Series have grainlines and will reflect light differently if not installed accordingly.

Gem, Ion and Zen are non-woven products that can vary by up to 7% in thickness and +/- 2mm in length/width which is a natural characteristic of this material. The formed shapes can therefore vary in depth from panel to panel causing slight tolerance differences for length/width. All panels may have to be trimmed to ensure proper alignment. Embossed Panels are also not recommended to be installed on curved surfaces.

Note: Ensure all Woven Image stickers, located on the corner of the boards, face the same direction.

Manual Trimming

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

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.

Products from the Embossed Panel Series 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.



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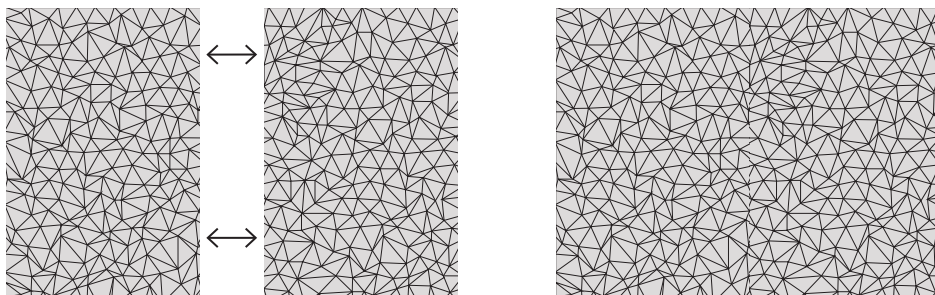
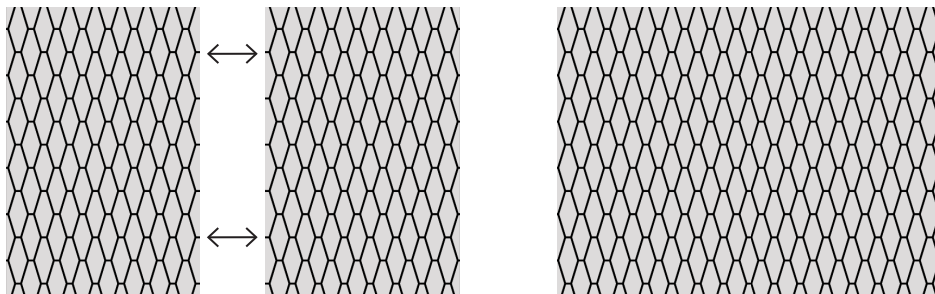
After applying adhesive, mount products from the Embossed Panel Series per layout and maintain even pressure per adhesive manufacturer instructions. Clean any excess adhesive.

Products from the Embossed Panel Series 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 panels. 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.

Important Notes

Gem and Ion

- Gem and Ion pattern repeat on all four sides allowing for side by side and double height applications.
- When working with a corner wall it is recommended to apply from the corner outwards to maintain a consistent pattern.
- To assist in accurate pattern matching on a continuous wall, Gem and Ion have been trimmed on all four edges with a straight blade.
- When abutting panels together, ensure the peaks and valleys in the design meet as shown.

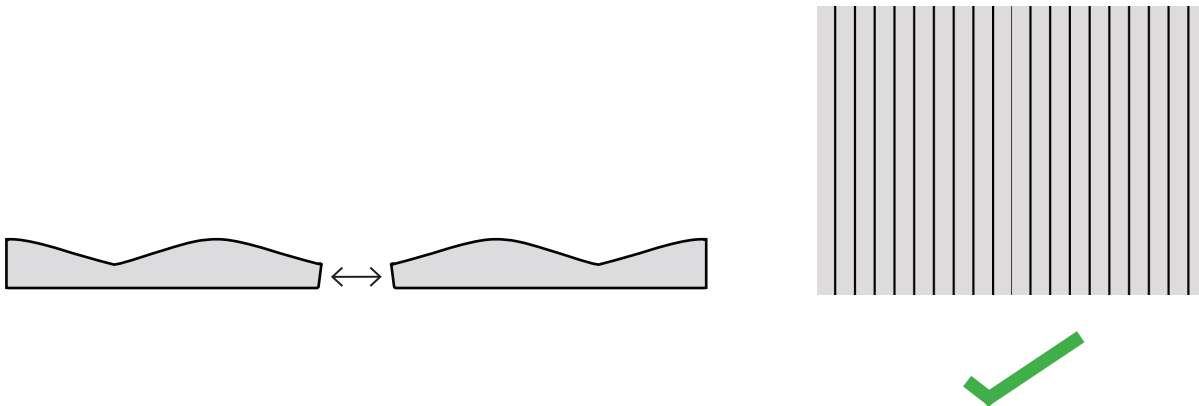




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Zen

- To assist in accurate pattern matching on a continuous wall, Zen has been trimmed on all four edges with a unique 5 degree bevel.
- Zen has a beveled edge on all four sides of the panel to assist with butt joining.
- Align from the bottom of the valley. Until the surface of the panels meet, a small unseen void will be present as shown below.
- If abutting panels top and bottom, Zen must be trimmed 1/4" for proper alignment.



Work Safety

In the interest of work safety, it is recommended that people working with products from the Embossed Panel Series 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.