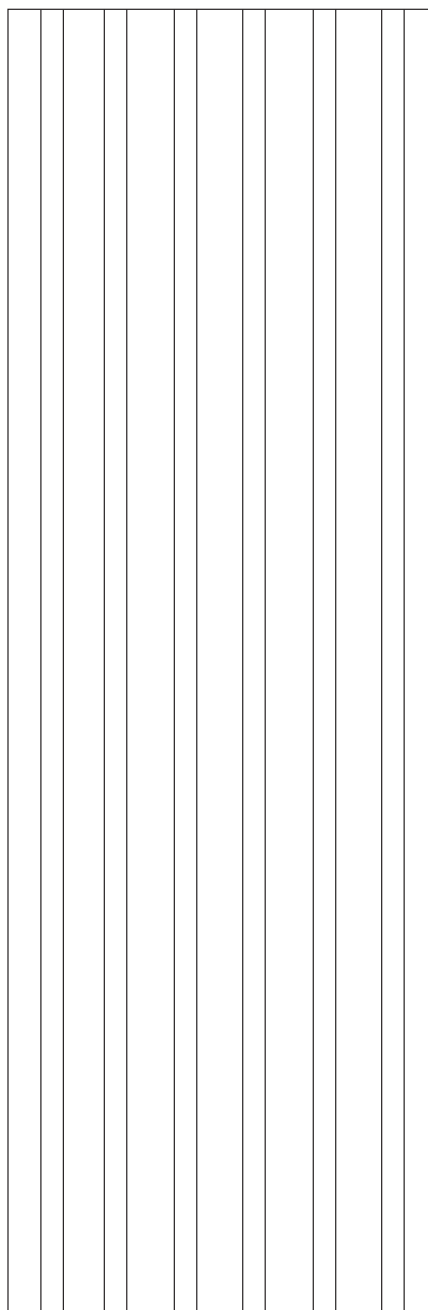


3D FORMED PANELS

INSTALLATION GUIDE



kiRei

IMPORTANT INFORMATION

Please read the entire Installation Guide before application. The installation guide is intended to provide installers with helpful information regarding the 3D-Formed Panels by Woven Image 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; installer's knowledge as an experienced tradesman needs to be applied.

This installation guide serves only as a recommendation for installing and handling the 3D-Formed Panel. If you have questions about application or techniques, contact Kirei at www.kireiusa.com or 619.236.9924.

Terms of Trade

All PET panels 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 on by the customer or others. No claims for labor charges will be allowed in any circumstances.

Work Safety

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

Cleaning

See the [Handling and Cleaning Guide](#) for more information.

Product & Installation Questions

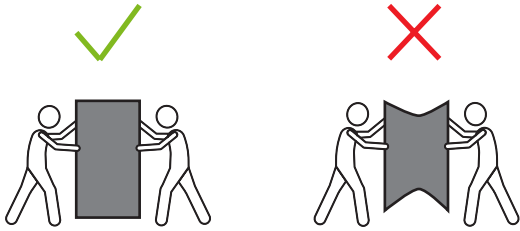
PH: 619.236.9924

Email: info@kireiusa.com

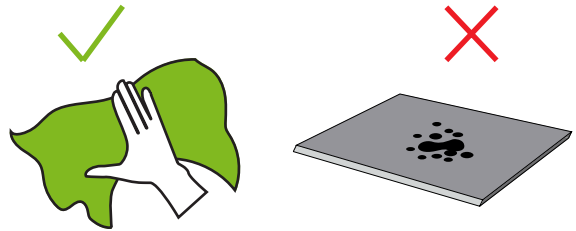
Web: kireiusa.com

HANDLING

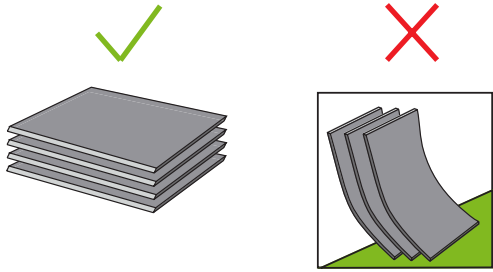
Carry boxes and panels upright.



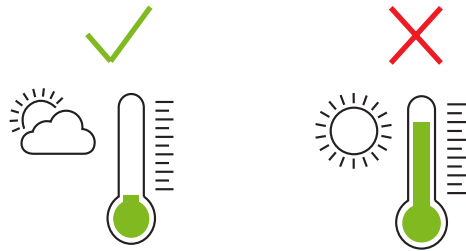
Keep all surfaces clean for storage and fabrication.



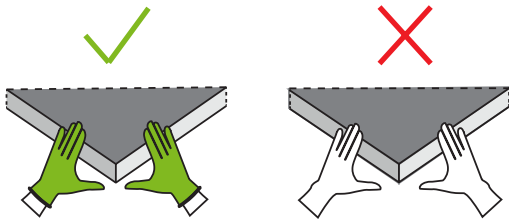
Store boxes and panels flat.



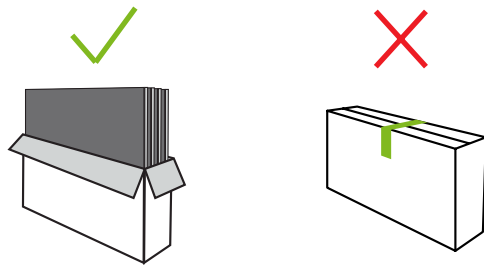
Store in a cool, dry place with no direct sun. Avoid 145 degree temperatures or greater.



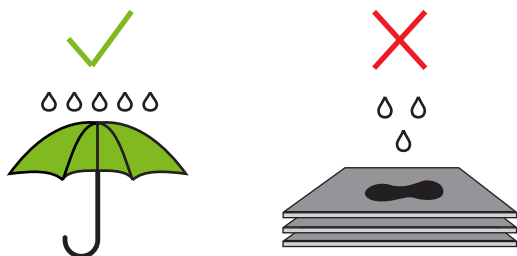
Wear gloves for handling light colors.



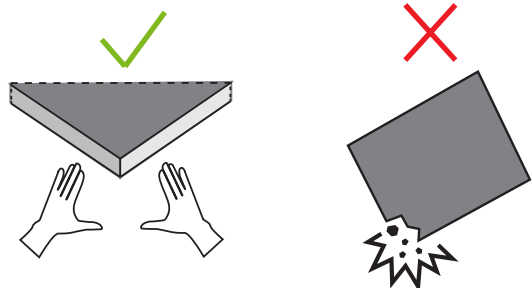
Upon delivery, inspect all goods for order corrections and damage.



Keep product dry and avoid humidity.

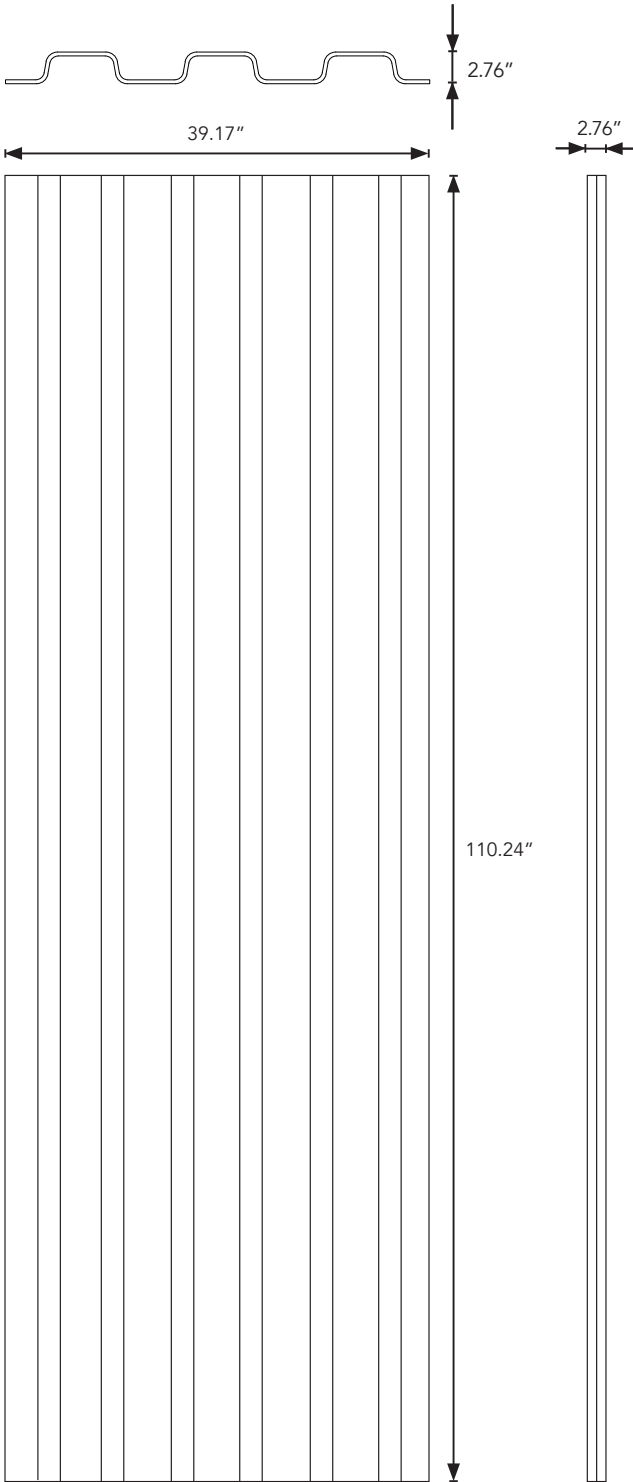


Protect the edges.



DIMENSIONS

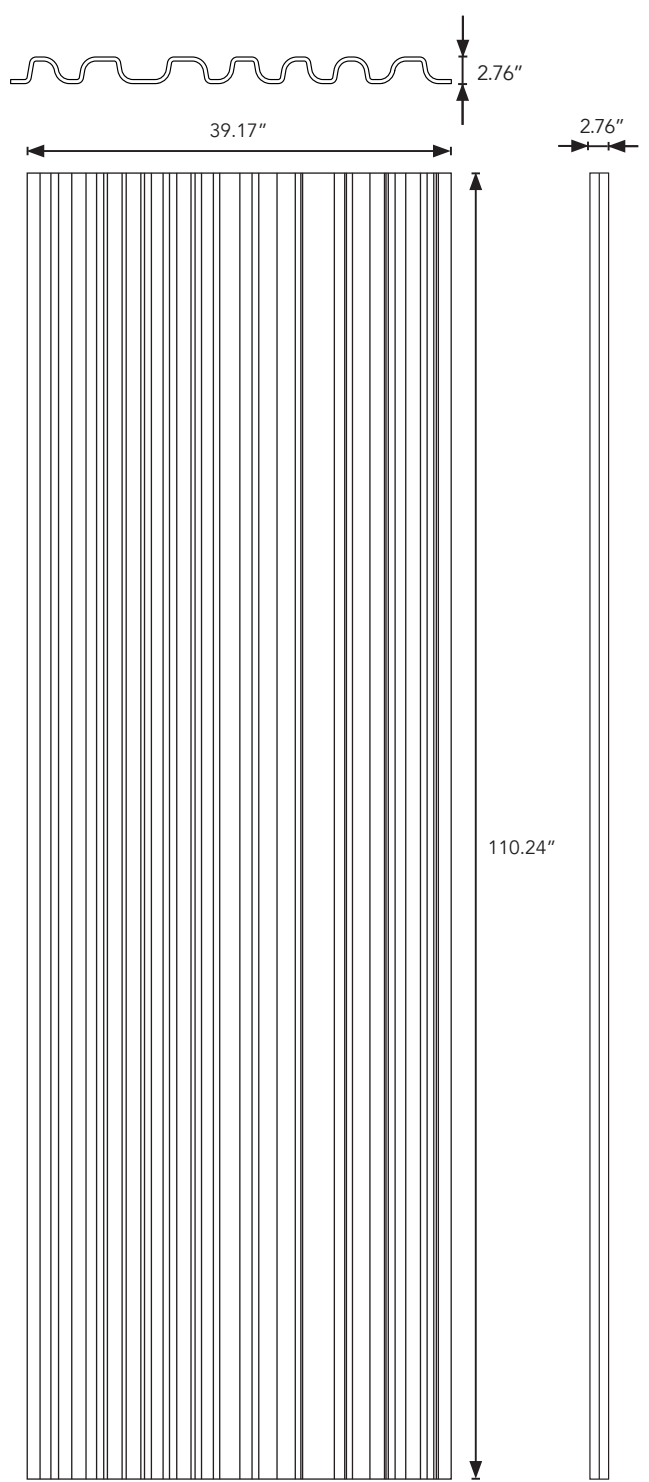
Column Panel



Front View

Side View

Curtain Panel



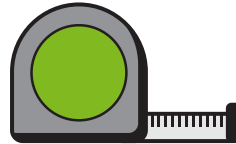
Front View

Side View

TOOLS MAY BE NEEDED



Level



Tape Measure



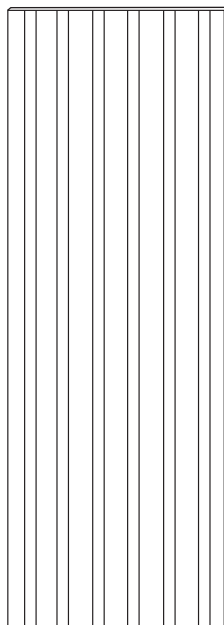
Adhesive



Screw Driver

Not all tools are needed for installation, but depending on install choice, could be used.

ITEMS INCLUDED



3D Formed Panels

INSTALLATION

This guide is for direct fix wall application via edge to edge butt joining and utilising an optional aluminium edge trim. 3D-Formed Panels are non-woven products that can vary by up to 7% in thickness which is a natural characteristic of this material. The 3D formed shapes can therefore vary in depth and -5mm/+10mm in width from panel to panel.

Manual Trimming

3D Formed products can be cut with a utility knife. For clean, accurate cuts, use a sharp blade held perpendicular (90°) to the panel surface. Make multiple light passes rather than a single deep cut, replacing blades frequently as needed. Always cut on a flat surface with a backing mat and use a secure straightedge to guide straight cuts. Typically, 3–4 passes are required to cut through the panel. Hand trimming is not recommended for abutting panels.

Cutting/trimming by machine

Panels can be cut using a CNC machine, plunge-cut circular saw, or band saw fitted with a wave-tooth blade and metal guide. Do not use serrated blades with side-set teeth. Always test cut a scrap piece first, as cutting performance may vary depending on panel thickness and density. Feed material against the blade rotation at a slow, consistent rate to prevent overheating. Excessive feed speeds can generate frictional heat, causing the material to melt or fuse to the blade. Secure panels during cutting to minimize vibration.

Fixing & Adhesives

3D Formed Panels may be direct-fixed using a suitable commercial construction adhesive. It is the installer's responsibility to confirm compatibility between the adhesive, panel, and substrate. Prior to installation, ensure the mounting surface is smooth, clean, dry, and free of dust, debris, or imperfections that could affect adhesion. An industry-standard Level 3 drywall finish is recommended.

Before beginning installation, prepare the work area with a clean drop sheet and place panels face down on a protected surface. Install a test panel before proceeding with full installation to verify adhesive suitability and performance. Apply standard construction adhesive (do not use PVA glue) to the back of the panel in a regular pattern, leaving clearance around the perimeter to allow for adhesive spread. Position panels according to the approved layout and apply even, gentle pressure in accordance with the adhesive manufacturer's instructions. Use minimal pressure at panel edges to prevent adhesive from being forced beyond the panel perimeter. Remove any excess adhesive immediately.

Refer to the following pages for recommended adhesive application patterns.

Handling & Support

Panels are flexible and should be supported by at least two people during installation to avoid creasing. When positioning panels, apply gentle, even pressure across the surface while minimizing pressure at the edges to prevent adhesive squeeze-out.

Double height installation

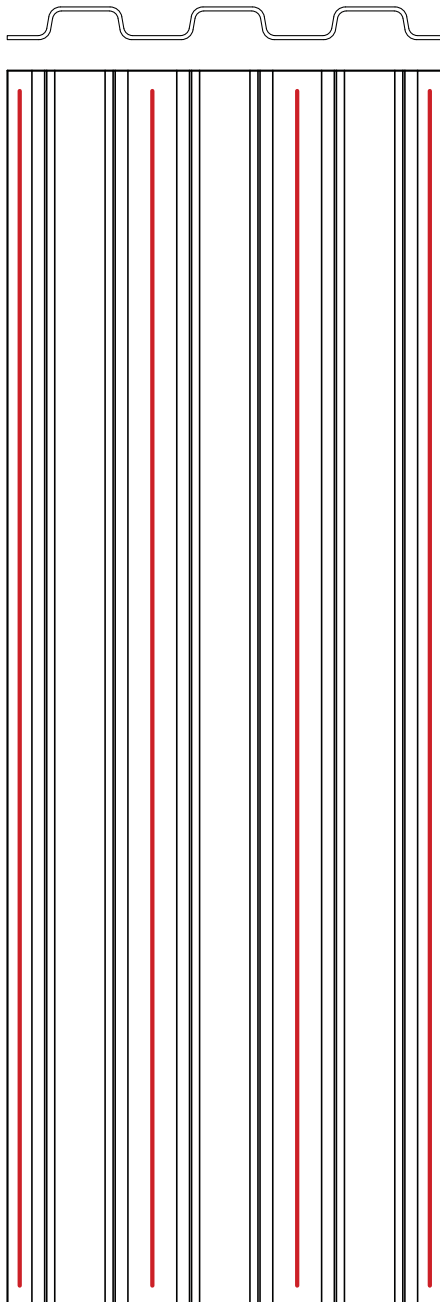
Due to the complex curvature of the 3D formed series, double height installation of these products is not recommended.

INSTALLATION

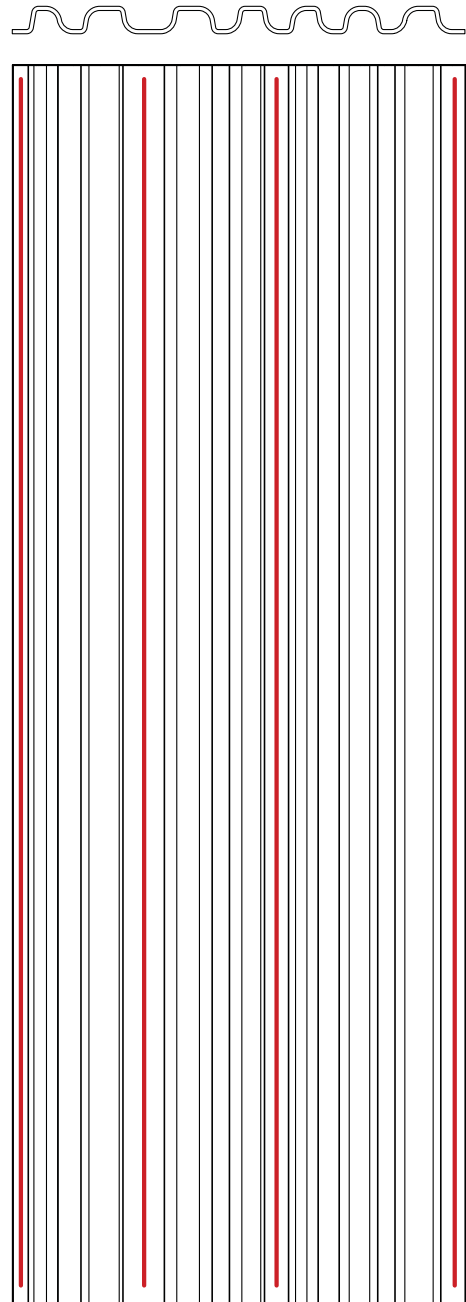
Installation

When direct-mounting panels to walls, apply adhesive at 10–12 inch centers on areas of the panel that will make direct contact with the wall, as shown in the diagrams below.

Column Panel

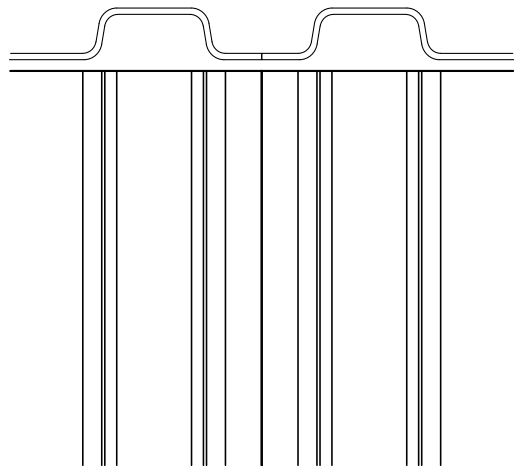
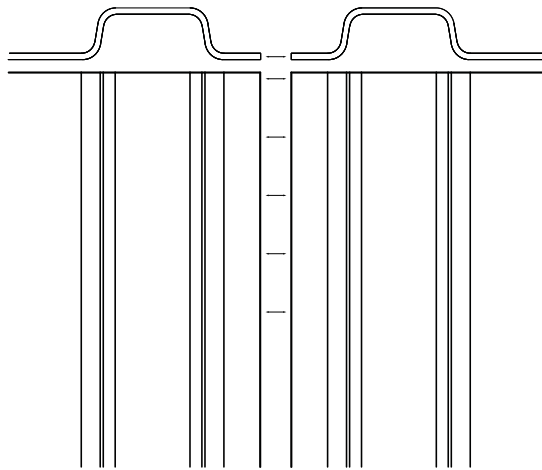
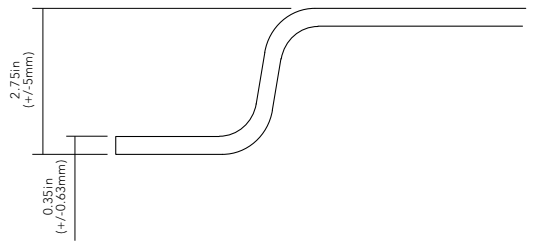


Curtain Panel

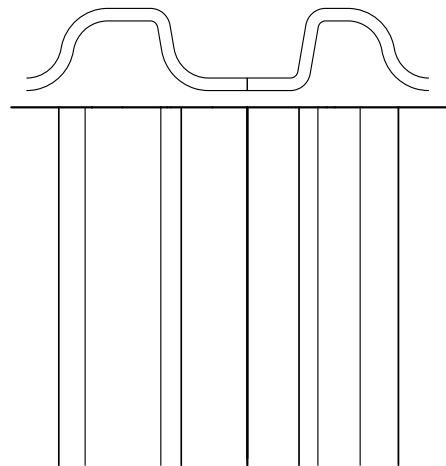
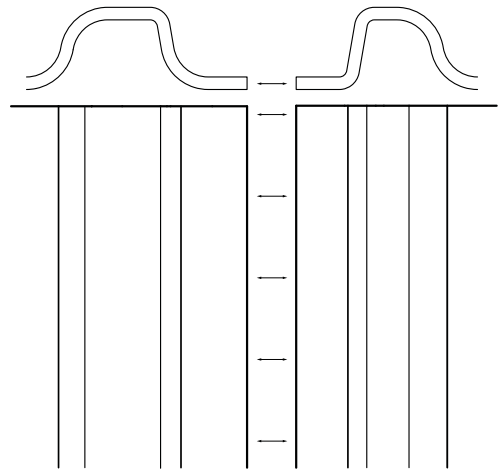
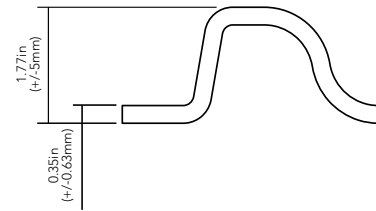


CURTAIN PANEL INSTALLATION

Column Panel



Curtain Panel



INSTALLATION

Work Safety

In the interest of work safety, it is recommended that people working with 3D-Formed Panel 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.

kirei

CONTACT INFORMATION

Phone: 619.236.9924

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Web: kireiusa.com