

Sync Tiles Installation Guide

Note: Please read the entire Installation Guide before application.

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

ECHOPANEL SPECIFICATIONS

What are Sync Tiles?

Sync Tiles are made from EchoPanel®, a decorative surface material offering acoustic performance with a felt-like finish. It is made from 100% PET thermally stable plastic which, depending on the color, contains at least 60% post-consumer content. EchoPanel is also recyclable in the PET waste stream. Please consult the Sync Tiles spec sheet for material specifications.

Fire Rating

Sync Tiles are rated ASTM E84 Class C. Sync Tiles 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/m³, and Ecospecifier GreenTag Compliant; TVOC: 0.015 MG/M²/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 Sync Tiles are evenly supported on a flat, clean surface. Improperly handled material can crease.

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Handling and Storage (Cont.)

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

All Sync Tile 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 Sync Tiles properly, follow these guidelines:

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

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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. Sync Tile adhesive is very strong and is not designed for repositioning or adjusting.

Manual Trimming

Sync Tiles 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 Sync Tiles. Hand trimming is not recommended for abutting tiles. For more information on cutting Sync Tiles, please review the EchoPanel Panel Installation Guide located on 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.

Sync Tiles 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 Sync Tiles per layout and maintain even pressure per adhesive manufacturer instructions. Clean any excess adhesive.

Sync Tiles 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 Sync Tiles. 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: 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.

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Work Safety

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