



Diamond Tiles Installation Guide

Note: Please read the entire Installation Guide before application.

The installation guide is intended to provide installers with helpful information regarding Diamond 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; installer's knowledge and an experienced tradesman's skills need to be applied.

This installation guide serves only as a recommendation for installing and handling Diamond Tiles. 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 tiles for the project. Plan, measure and mark your layout in advance to ensure accuracy of placement.

Manual Trimming

Diamond 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 Diamond Tiles. Hand trimming is not recommended for abutting tiles. For more information on cutting Diamond Tiles, please review the PET 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.

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

Diamond 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 Diamond Tiles. This may be done with wood or other battens, or by cutting strips of PET to use as furring strips. For a full list of installation options, please review the PET Panel Installation Guide located on www.kireiusa.com.

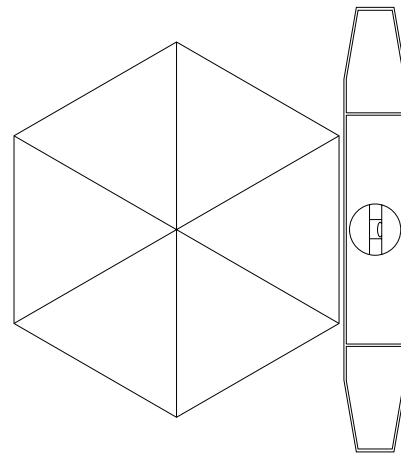
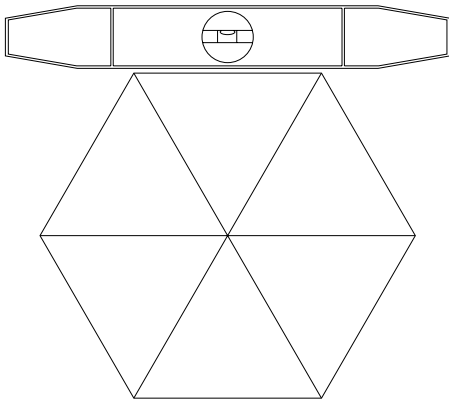
Note: Tiles are cut on a grain and can reflect light differently, looking slightly lighter or darker depending on placement. When applying the tiles, ensure the color of the tiles complements your light source.



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Assembly & Mounting

1. Establish a starting point for the install at the far left or right of the arrangement by measuring off the floor and the wall to center the install.
2. Use a level to align the first piece either horizontally or vertically depending on the intended aesthetic, and mark the wall.
3. Add construction adhesive to the backer of the diamond and press the element firmly onto the wall and hold in place while adhesive cures.
4. If multiple elements are being installed, index off of the first element to align the second. Then apply adhesive and install.
5. Repeat steps 3 and 4 as necessary.



Work Safety

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