TRIMLOGIC™
EXTERIOR TRIM

Install and Painting Guidelines

TrimLogic's lightweight and durable trim made from highly-recycled PVC lasts longer than wood but can be cut, drilled, and fastened with standard woodworking tools. **See inside to learn installation best practices.**

Installs similarly to wood

Normal woodworking tools may be used to install TrimLogic.

Fastens easier than wood

TrimLogic won't split like wood, so fasten within 2" of edges.

Creates a strong bond

Using AZEK Adhesive at trim joints minimizes gaps from expansion and contraction.

Superior paint adhesion

Selecting the right paint for TrimLogic helps ensure long-term performance.

TrimLogic accepts no liability or responsibility for the improper installation of this product. TrimLogic is not appropriate for structural or load-bearing use application, and it is the sole responsibility of the installer to be sure that TrimLogic is fit for the intended use. Because all installations are unique, it is also the installer's responsibility to determine specific requirements in regard to each trim application. Always follow the local building codes.

If you have any questions or need further assistance, please call Customer Service at 1-888-219-8746 or visit our website at www.Trim-Logic.com.

TRIMLOGIC™
EXTERIOR TRIM

STORAGE & HANDLING

- TrimLogic material is more flexible than wood; it must be stored on a flat, level surface and installed on a flat, level substructure or framing.
- Units of TrimLogic products are shipped from the manufacturer in a protective covering. Ideally, leave this covering on until ready for installation. If it is removed, use only white, porous covering to protect from the sun and elements.
- TrimLogic material will expand and later contract with high heat and direct sunlight. Avoid sun exposure and high temperatures prior to installation.
- If the product gets dirty, clean it **after** installation and **before** painting. Use a dry wipe or air hose for cleaning only (no pressure washers or alcohol).

CUTTING

- TrimLogic products can be cut with the same tools used to cut lumber.
- Fine-toothed, carbide-finished trim blades designed to cut wood work well. Avoid using metal cutting blades.
- Rough edges from cutting may be caused by excessive friction, poor board support, or worn or improper tooling.

DRILLING & ROUTING

- TrimLogic products can be drilled with the same tools used to drill lumber.
- Drilling TrimLogic products is similar to drilling hardwood. Care should be taken to avoid frictional heat buildup.
- Periodic removal of trim shavings from the drill hole may be necessary.
- TrimLogic products can be routed using standard router bits and the same tools used to route lumber.
- Carbide-tipped router bits are recommended.

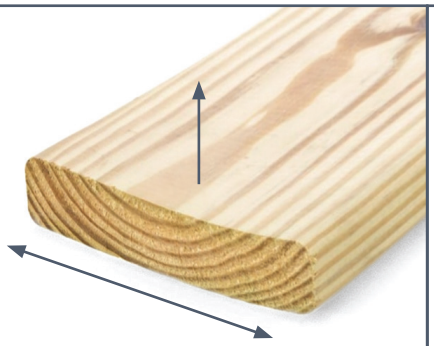
FASTENING

- For best results, use fasteners designed for wood trim and wood siding. These fasteners have a thinner shank, blunt point, and full round head. Coil siding nails and #8 trim screws both work well with TrimLogic.
- TrimLogic is a three-sided board installed with the emboss facing out.
- Use long-life stainless steel or hot dipped galvanized fasteners to match the longevity of the TrimLogic material.
- Staples, small brads, and wire nails must not be used.
- The fasteners should be long enough to penetrate the solid wood substrate a minimum of 1 ½".
- Standard nail guns work well with TrimLogic products.
- If using pneumatic tools, the air pressure should be regulated so fasteners countersink and slightly penetrate the surface.

EXPANSION & CONTRACTION

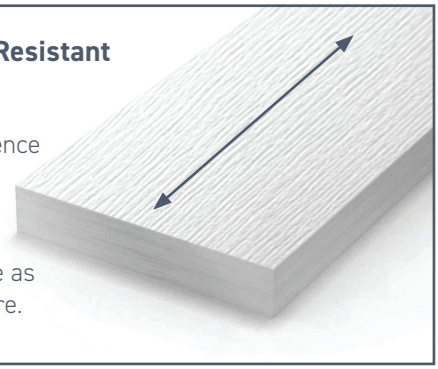
Wood

Wood and other porous substrates absorb water and expand outward.



Moisture-Resistant TrimLogic

TrimLogic will experience minimal movement across its width, but will experience movement lengthwise as a result of temperature.



Understanding the unique expansion and contraction properties of different building materials is crucial for successful installations. TrimLogic, a new PVC trim product, has distinct installation requirements compared to wood or fiber cement. Adhering to these specific TrimLogic guidelines is essential for optimal performance and to maintain your warranty.

While PVC does expand and contract with temperature changes, it can be securely fastened to mitigate excessive movement. This stability eliminates the frequent maintenance cycles required by wood, which often need frequent repainting and material replacement to prevent moisture damage.

WARNING

DO NOT INSTALL TRIMLOGIC TRIM THE SAME WAY AS WOOD OR FIBER CEMENT. FOLLOW THESE TRIMLOGIC BEST PRACTICES.

- Always fasten within 2" of trimboard edges, and properly fasten TrimLogic material along its entire length to minimize expansion and contraction.
- Use 2" fasteners at ends and a maximum of every 16" for boards up to 8" wide.
- Use three fasteners at ends and a maximum of every 16" for boards over 8" wide.
- When properly fastened, allow 1/8" per 18 feet of TrimLogic trim products for expansion and contraction.
- Joints between pieces of TrimLogic Trim material should be glued to eliminate joint separation. See "Gluing."
- When gaps are glued on a long run of TrimLogic Trim material, allow expansion and contraction space at ends of the run.
- **WARNING:** Dark colors may increase movement and expansion and contraction of PVC Trim. See painting requirements section for more information.

Be sure to read and follow all instructions provided in the remainder of this install guide before beginning your TrimLogic installation.

TRIMLOGIC™
EXTERIOR TRIM

FASTENER PLACEMENT

- Use two fasteners per every framing member for trimboard applications. Trimboards 12" or wider will require additional fasteners, not to exceed 8" on center. See illustration below.
- Fasteners must be installed within 2" of the end of each board. See illustration below.
- There must be two fasteners on each side of a board joint (scarf, miter, etc.). Do not fasten through scarf joint.
- All fasteners must hit a solid framing member.
- TrimLogic products should be fastened into a flat, solid substrate. Fastening trim into hollow or uneven areas must be avoided.
- Predrilling is typically not required unless a large fastener is used or product is installed in low temperatures.

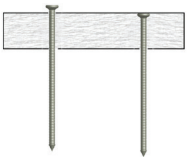
Image below references use of #8 trim screw

Incorrect
Screw head sits above trim board

Correct
Countersink slightly below surface.

Image below references use of Coil Siding Nail

Incorrect
Nail head sits above trim board



Correct
Countersink slightly below surface.

Follow the proper fastening, gluing, and painting recommendations as they have been laid out in this document to help limit excessive movement that could lead to damage.

TRIMBOARDS UP TO 8" WIDE

TRIMBOARDS OVER 8" WIDE

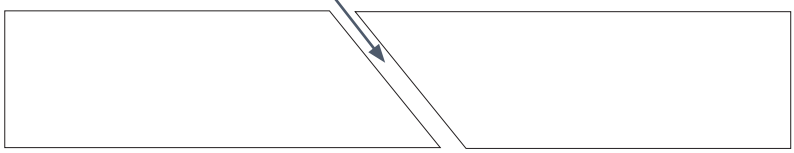
GLUING

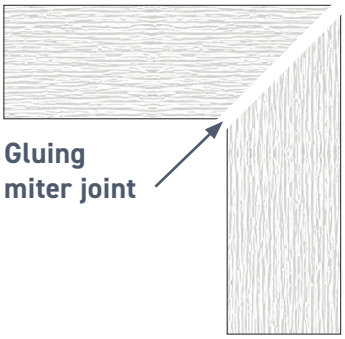
- For best results, glue all trim-to-trim joints with AZEK Cellular PVC Cement to prevent joint separation.
- The glued joint should be fastened on each side of the joint to allow adequate bonding time.
- AZEK Cellular PVC Cement has a working time of 10 minutes and will be fully cured in 24 hours.
- If standard PVC cements are used, these products typically cure quickly, which will result in limited working time and may reduce adhesive strength.
- For a secure bond, surfaces must be joined with a compression fit. AZEK glue is not a gap filler.
- For best results, surfaces to be glued should be smooth, clean, and in complete contact with each other.
- For best results, always use a scarf joint with two fasteners on each side instead of butt joints.
- To bond TrimLogic to other substrates, various adhesives may be used. Consult adhesive manufacturer to determine suitability.

For best results, apply glue to all trim-to-trim joints. Use AZEK Cellular PVC Cement available in easy-to-use squeeze bottles.

For longer runs of TrimLogic, use scarf joints with adhesive and fasteners on both sides. Do not nail through the scarf joint.

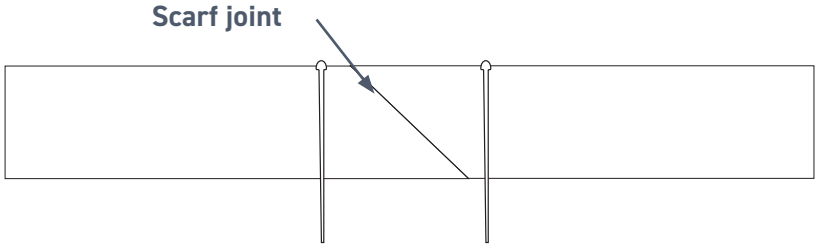
Gluing scarf joint

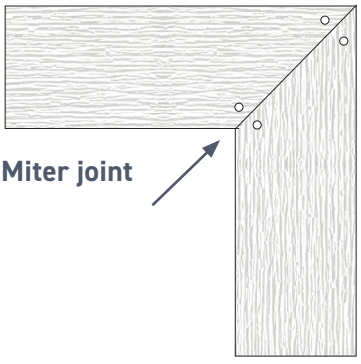




Follow gluing joints with fasteners.

Scarf joint





TRIMLOGIC™
EXTERIOR TRIM

PAINTING REQUIREMENTS

General painting guidelines

Moisture cycling is the main reason for paint failure of wood trim. Because TrimLogic absorbs almost no moisture, its paint lasts longer than on wood trim.

- TrimLogic Trim must be painted.
- Only use 100% water-based acrylic paint approved for exterior application.
- Wipe with a dry cloth prior to painting to ensure surface is clean.
- TrimLogic does not need priming or special prep.
- Must paint within 180 days of installation.

Local paint options: Only choose colors with LRV greater than 55

Select any exterior-approved, water-based, 100% acrylic paint with a Light Reflective Value (LRV) greater than 55. Keep in mind these are generally lighter colors.

Special order paint option

If your desired color has LRV less than 55, specialty paint types made with solar-reflective pigments are available by special order. Through this process, certified paint store locations formulate the desired color with solar reflective pigments, improving reflective properties and ultimately limiting heat build absorbed by TrimLogic boards. This prevents excessive heat absorption, making it acceptable for use on TrimLogic. These typically ship in 2–4 weeks.

To learn more about this option or to order paint, reach out to your local TrimLogic rep or contact customer service at 888-219-8746.

WARNING

WARNING: DO NOT ADJUST OR CUSTOMIZE COLORS AT LOCAL PAINT STORES!

Production of custom color formulations at local paint stores, home centers, and big box stores are not controlled. Formulation variability can affect the Light Reflective Value (LRV) of the paint, leading to higher heat absorption that can cause excess movement and damage to TrimLogic.

FOR MORE PAINTING INFORMATION

PAINTING REQUIREMENTS

LRV – Light Reflective Value

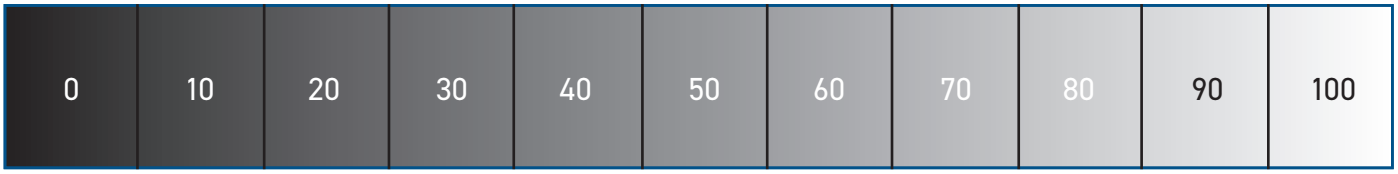
The LRV number represents the percentage of light reflected by a color. The higher the LRV number, the more light is reflected. The lower the LRV number, the more light is absorbed. To help understand the scale, true white has a LRV rating of 100 and true black has LRV rating of 0. You can see this on the chart below.

Exterior trim and siding are constantly exposed to sunlight. When not reflected, light is absorbed as energy and converted to heat. Excessive heat can cause trim and siding to expand and contract. This results in bowing, buckling, or deforming of the product.

To avoid this, TrimLogic recommends determining the LRV of your desired color before usage and ensuring it follows TrimLogic's color selection guidelines or use the TrimLogic preselected PPG paint colors.

Paint manufactures will often display the LRV on paint swatches and/or on their website. If you cannot find the LRV of a paint you should not use it on TrimLogic Trim.

LRV Scale



Black **White**

Paint Example

The Light Reflective Value (LRV) of a paint will be displayed as a number between 0 and 100.

Example from PPG®

Color Name: TOASTED ALMOND

Color Number: PPG1097-3

LRV: 61.0

We recommend using this color because if has an LRV greater than 55. If you must use a color with an LRV less than 55, reach out to your local rep or customer service team. They can help you source an approved special order paint.

TRIMLOGIC™
EXTERIOR TRIM

NOTES: