



# Fypon PVC Trim Installation Guidelines

## General Guidelines

Fypon PVC Trim should be used for decorative purposes only, **not** to provide structural support.

Fypon PVC Trim products may require altered installation procedures to meet local specifications. Check local building codes before installation.

## Storage & Handling

Store PVC Trim on a flat, level surface in a shaded area. Product should not be stored in extreme heat or where excessive heat buildup can occur.

Keep PVC Trim covered with lumber wrap until ready to use for protection from debris and dirt. If product becomes dirty, clean after installation. **Improper storage is not covered under the product warranty.**

Handle the product with care to avoid damage. If the product does become damaged, it is easy to repair. See the **Finishing Preparation** section for recommendations.

## Product Applications

This product is **not** to be used in load bearing applications.

PVC Trim should never be installed in an area subject to solar temperature buildup, such as behind a storm door.

If PVC Trim is to be used as fascia, a structural sub fascia should be applied first.

PVC Trim may be used in spanned applications for soffits or ceilings.

- For spans 16" - 24" use 1" thick board. When thinner product is used, the span should not exceed 16".
- If the product is installed in temperatures 40 degrees or less the span should not exceed 12".
- The span distance for this product should never exceed 24".

## Machining Guidelines

**Cutting:** For the best results, use blades that are designed for cutting wood or plastic. Carbide tipped blades work best and are recommended, however, rough-cut blades for wood or plastic may be used. Do not use fine tooth blades, as excessive heat build-up from friction can occur.

**Drilling:** For best results, use standard wood or metal drill bits. Care should be taken to avoid heat build-up from friction. Occasional removal of shavings may be necessary. Drill bits designed for drilling rigid PVC pipe should not be used.

**Routing:** Use standard router bits for machining the product. Multi-fluted carbide bits are highly recommended. Routing the product can leave a surface that is somewhat rough. Sanding and painting creates a more acceptable surface.

## Fastening Guidelines

For best results, use stainless steel, smooth shank, screw, annular threaded, or spiral type fasteners. Hot dip galvanized may also be used. Make sure the fastener has sufficient tensile strength to prevent bending. Ring shank nails should not be used as they can create excess frictional heat when penetrating the product. Staples are not recommended.

The fastener used should be long enough to penetrate the substrate a minimum of 1".

Power nailers work well with this product but should be adjusted to prevent over driving the nail into the material. This will prevent excessive nailing pressure which can result in cracking.

Pre-drilling is only recommended when using large fasteners or when installing the product in temperatures below 40°F.

Always fasten from one end and work to the other end. Never fasten from both ends to the middle.

For best results, use two fasteners per framing member for trim board applications. Trim board wider than 12" as well as sheets will require additional fasteners. Fasteners should be placed no more than 2" from the end of each board.

Proper fastening is important in limiting expansion and contraction. It is recommended that a minimum of 16" on center nailing pattern be used to help restrict seasonal movement of this product.

It is recommended that nails are kept 3/4" away from the board edge and staggered slightly. Staggering the fasteners reduces the chances of cracking along the line of fasteners as the material expands and contracts.

## Gluing Techniques

All joints should be glued to prevent joint separation. Numerous adhesives are available to use for gluing this product, but Devcon TrimBonder™ Adhesive is recommended for the best results. It is also recommended that fasteners be used on each side of the joint to allow adequate bonding time.

Whenever possible, adhesive should be applied to the backside of the trim at the joints. This will help hold the trim at the joints forcing it to expand and contract in the center preventing unsightly gaps at the joints.

It is not necessary to glue the full length of the product to the substrate, but adhesive should be used on any application that involves three or more 18' lengths placed end to end.

For best results, surfaces to be glued should be smooth, clean and have complete contact with each other.

Before bonding together two smooth or non-machined surfaces of the PVC Trim, it is recommended that you clean the surfaces with acetone.

On long lengths of trim, like corner boards or fascia, a scarf joint (opposing 45-degree bevels) should be used.

A variety of adhesives are available to bond this product to specific substrates. Read the adhesive label or consult the manufacturer to determine which adhesive is most suitable. It may be best to test the application for suitability before proceeding.

## Expansion & Contraction

This product expands and contracts with changes in temperature. To minimize this characteristic the recommendations given in the Fastening and Gluing sections should be followed.

When installing this product allow 3/16" per 18' for expansion and contractions. Remember that it is recommended that all joints be glued and where possible, fastened to the substrate to prevent joint separation. See the **Fastening and Gluing** sections for recommendations.

It is recommended that a urethane acrylic sealant (Benjamin Moore® - Moorlastic 55 year urethane acrylic sealant 465, Siroflex Duo-Sil® urethane acrylic sealant and adhesive, OSI® Pro-Series H2U acrylic urethane sealant) be used to fill any gaps. This sealant expands and contracts at approximately the same rate as the product.

## Finishing Preparation

For small blemishes, fill holes using Dap® Fast and Final Exterior Spackling or any other comparable product. Any holes (larger than the size of a dime) or gaps should be filled using a urethane acrylic sealant as mentioned in the **Expansion & Contraction** section.

Remove any rough areas by sanding. Note that once the product is sanded or machined, the original surface may have been removed. In this case, a slightly textured surface can be revealed. Painting will cover this texture.

## Painting Guidelines

This product does not require painting but may be painted to achieve a custom color.

Use a 100% acrylic latex paint (Sherwin Williams® Super Paint Exterior Latex Satin or comparable paint) with a Light Reflectance Value (LRV) of 55% or higher. Whites and bright yellows have the highest LRV, while black and bright blues have the lowest LRV. Paints that have a lower LRV will absorb light, which carries heat, and will warm up the product. Paints that have a higher LRV will reflect light (and therefore heat) and will reduce or eliminate this effect. Most paint manufacturers can provide a LRV of any color paint chip. **NOTE: Using paint with a LRV of 54% or lower will void the warranty.**

We recommend using Sherwin Williams VinylSafe color palette or Blue River Coatings' Hydro-Flex II PIR Topcoat, which are heat-reflective paints that meet the LRV guidelines above.

Follow the paint manufacturer's recommendations for applying their paint.



*These instructions are to be used as a guideline only. Fypon assumes no liability for any damages, including but not limited to personal, property, incidental or consequential damages resulting from the installation of this product. Fypon's sole responsibility in connection with the sale and installation of its products is stated in the Warranty on the following page.*