# Instruction Manual for Pauley Plastic Rigid PVC Products

Thank you for choosing Pauley Plastic's Rigid PVC products for your window and door replacement projects. Since 1974, our USA-manufactured vinyl extrusions have been engineered for durability, ease of installation, and a professional finish. This manual provides detailed instructions for installing and maintaining our snap-in groove designs, adhesive-backed products, and custom configurations.

## Product Specifications

- **Material**: 100% virgin, USA-sourced Rigid Polyvinyl Chloride (PVC) for superior quality and durability.
- **Attachment Types**:
    - **Snap-In**: Glazing Bead, Frame Extender
    - **Acrylic Adhesive**: Suitable for interior and exterior applications
    - **Rubber Adhesive**: For interior applications only
- **Temperature Resistance (Post-Application)**:
    - Rigid PVC: 14°F to 158°F (-10°C to 70°C)
    - Rubber Adhesive: -13°F to 110°F (-25°C to 43.3°C)
    - Acrylic Adhesive: -40°F to 212°F (-40°C to 100°C)
    - High-Tack Acrylic Adhesive: -40°F to 176°F (-40°C to 80°C)
- **Application Temperature**: Apply adhesives above 60°F (15.6°C) for optimal bonding. Applications below 50°F (10°C) may result in adhesion failure.
- **UV Resistance**:
    - Rigid PVC: High
    - Rubber Adhesive: Low to Moderate
    - Acrylic Adhesive: High
- **Warranty**: Lifetime unconditional guarantee for all products, except colored or non-acrylic-backed products, which carry a one-year guarantee.

All Rigid PVC products are available in white and colored options.

**Note**: Dark-colored PVC trims may warp or fade under prolonged UV exposure or high heat. Use caution for exterior applications.

## Painting Guidelines

Pauley Plastic's Rigid PVC products are designed to be paintable, allowing you to customize the trim to match your project's aesthetic. For best results, clean the PVC surface with a 50/50

isopropyl alcohol and water mix to remove dust or oils, then allow it to dry completely. Use high-quality acrylic latex or 100% acrylic paints, as these adhere well to PVC and provide a durable finish. Apply a primer designed for PVC or plastic surfaces to enhance paint adhesion. Avoid oil-based paints, as they may not bond effectively. Test a small area first to ensure compatibility.

**Recommended Brands**: Rust-Oleum Specialty Plastic Primer + Paint or Krylon Fusion for Plastics. T*hese are formulated for plastics and may not require a separate primer, but they are less common for architectural PVC trim and may have limited color options.*

**Caution**: Dark paint colors on exterior applications may increase heat absorption, potentially causing warping or deformation; light or reflective colors are recommended for exterior use. *Test a small section of the PVC by applying paint to an inconspicuous area or a scrap piece to verify adhesion, appearance, and suitability for your application before painting the entire surface*

# Recommended Tools and Materials

- **For All Products**:
  - Shears or tin snips
  - Measuring tape
  - Personal Protective Equipment (PPE)
- **For Snap-In Products**:
  - Rubber mallet
- **For Adhesive-Backed Products**:
  - 50/50 isopropyl alcohol (IPA) and water mix
  - Lint-free cloth
  - Adhesion promoter (for low-energy surfaces like laminates, if needed)
  - Hand-held application roller (recommended)

# Installation Instructions

## 1. Preparation

- **Measure the Area**: Confirm product dimensions match the frame. Flat Trim is pre-scored at 0.25-inch intervals for easy trimming if the width exceeds requirements.
- **Inspect the Surface**: Ensure the frame is clean, dry, and structurally sound.
- **Verify Temperature**: For adhesive-backed products, ensure the application environment is above 60°F (15.6°C) to prevent adhesion issues.





## 2. Surface Cleaning (Adhesive-Backed Products Only)

- Clean the frame with a 50/50 isopropyl alcohol and water mix using a lint-free cloth. Avoid vinyl cleaners, ammonia, acetone, paint thinners, xylene, or other harsh chemicals, as they may impair adhesive bonding.
- Allow at least 60 seconds for the surface to dry and the alcohol to evaporate completely.

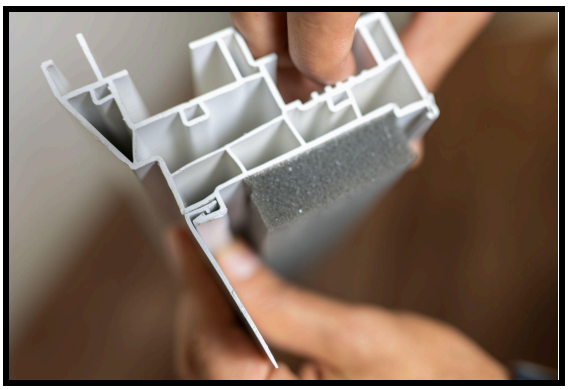



## 3. Installation

**For Snap-In Products (e.g., Glazing Bead, Frame Extender):**

- Align the product with the frame's groove.
- Apply consistent pressure from one end to the other to snap it into place.
- Tap gently with a rubber mallet if needed to ensure a secure fit.





**For Adhesive-Backed Products (e.g., Flat Trim, Jamb Extensions, Door Moulding):**

- Select a trim width slightly larger than the gap (e.g., 2-inch trim for a 1.5-inch gap). Bend at the pre-scored mark to snap off excess material if needed.
- Peel back 2–3 inches of the adhesive liner and position the trim on the frame, starting at one end.
- Gradually remove the remaining liner while pressing firmly along the trim's length.
- Apply even pressure for 30 seconds to ensure a strong bond.
- Allow 72 hours for the adhesive to fully cure. Avoid cleaning or disturbing the trim during this period.
- **Tip**: In cold weather, warm the trim to room temperature before installation to improve adhesive tackiness. If the adhesive feels non-tacky, apply gentle heat with a heat gun to the liner side before peeling.

**Note**: Leave a 1/16-inch gap at corners to allow for expansion and contraction, preventing buckling. Flexible caulking can fill these gaps for a polished look.



## 4. Final Inspection

- Check for gaps, overlaps, or loose sections.
- For adhesive-backed products, do not clean until the adhesive has cured (typically 72 hours).
- Apply caulking at joints or edges for aesthetic enhancement or weatherproofing, if desired.





## Storage Guidelines

- Store unused products in a cool, dry place away from direct sunlight to prevent adhesive degradation.
- Products remain stable for up to one year under controlled conditions.
- Inspect regularly for damage or deterioration.

## Troubleshooting Common Issues

- **Snap-In Products**: Misalignment or excessive force may damage the PVC. Ensure proper groove alignment and use gentle pressure.
- **Adhesive Products**:
    - Low temperatures may hinder adhesion; warm the trim and surface before applying.
    - High temperatures may degrade rubber adhesives; use acrylic adhesives for exterior applications.
    - If adhesion fails, clean the surface thoroughly and reapply, ensuring proper temperature and curing time.
- **General**: If trim is coiled or bent from storage, lay it flat in a warm, shaded area to restore its shape before installation.

| Issue | Cause | Solution |
|---|---|---|

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|---|---|---|
| Adhesive not “sticking” | Surface dirt or moisture | Clean surface thoroughly and reapply adhesive |
| Rubber adhesive sliding off of surface | UV or heat exposure | Use acrylic adhesive for outdoor / stronger applications |
| Adhesive not “adhering” | Low temperature | Warm the surface of window / door prior to application |
| Snap-in loose or misfitting | Misaligned groove | Realign groove and secure; consider customizing glazing bead if necessary |

## Product Support & Customer Service

For assistance, custom orders, or warranty claims, contact us:

- **Phone**: (877) 860-3737, Monday–Friday, 8:00 AM–4:00 PM PST
- **Email**: sales@pauleyplastic.com
- **Website**: www.pauleyplastic.com (includes live chat support)
- **Warranty Reminder**: Lifetime guarantee for all products, except colored or non-acrylic-backed products (one-year guarantee).