



ROYAL[®]
Trim & Mouldings

**FREQUENTLY ASKED
QUESTIONS**

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GENERAL

Do you have installation instruction videos?

We have many installation videos on YouTube. Please follow the link below:

<https://www.youtube.com/c/WestlakeRoyalBuildingProducts>

Can you use interior mouldings outside?

The only PVC interior mouldings that can't be used outdoors are the decorative woodgrain non-vinyl laminated interior mouldings. All other cellular and vinyl wrapped PVC products can be used for interior and exterior applications.

What colors are available?

Our exterior trim & mouldings are available in white. We recently introduce 3 new colors, Sand Dune, Tuscan Tan and Harbor Gray. Please contact a customer service representative for further details. Our garage door products come in several Colors from white to hunter green*. A full list is available from your customer service representative

Brickmold and Jambs are available in White, Almond, Sandstone and Chocolate Brown, Sand Dune & Tuscan Tan.

What lengths do your trim & mouldings come in?

Exterior trim & mouldings are available in 7' to 20' lengths. Interior mouldings are typically 7' to 12' lengths.

Can you install the mouldings around the shower or bathtub?

Yes. Our mouldings are water proof and do not promote the growth of mold or mildew.

Can you attach a screen door to a PVC door frame?

Yes, follow the manufacturer's recommendations.

Does cellular PVC trim require special code approval?

Typically, no special codes are required – always check with building codes.

Can PVC be used as a structural component such as framing?

PVC cannot be used as a structural product in load bearing applications. PVC boards must always be supported by wood or other structural materials.

Can you install PVC at or below surface grade?

Our product is perfect for ground contact application and below grade installation requirements.

How do I clean and remove scratches?

If the scratches are not too deep, you can use Windex and Mr. Clean MAGIC ERASER, (or Scotch-Brite® Non-Scratch Scrub Sponge). Apply the cleaner. Use the eraser or sponge, and rub in circular and up and down motions, until scratches are buffed out. This takes some time, depending on the severity of the scratches. You can also use Turtle Wax® Rubbing Compound to remove surface scratches. Clean the product after buffing the out the scratches.

There are many cleaners on the market that will work for cleaning PVC:

- 409 Glass and Surface Cleaner®
- Clorox Clean-Up®
- Fantastik All-Purpose®
- LA's Totally Awesome® All-Purpose Cleaner
- M1 House Wash®
- Windex®

CUTTING & MILLING

How do I remove an Ink Jet UPC Label?

Use acetone or finger nail polish remover. Follow the manufacturer's instructions. Be sure to use gloves and eye protection and use the cleaner sparingly and quickly in the area that needs attention to remove the ink jet UPC.

How do I remove a product description paper label?

- De-Solv-it Citrus Solution is an excellent cleaner for removing stubborn stickers. Follow the manufacturer's instructions.
- Turtle Wax Label and Sticker Remover is another excellent cleaner for removing stubborn stickers. Follow the manufacturer's instructions.
- If none of these options are available:
 - Soak the product with a typical surface cleaner (409 or similar degreaser)
 - Use a plastic putty knife to gently scrape off the sticker.
 - Use rubbing alcohol to remove the remaining residue. This will take some effort.

How should I cut the trim and mouldings?

Royal Trim & Mouldings should be cut with a carbide tip blade with 80 teeth or more. It is important to make the cuts quickly. We also have found that you can lightly spray the blade with cooking spray or furniture polish as a lubricant to avoid excessive build up on the blade. NOTE: Do not spray the mouldings as this will affect paint adhesion.

What type of routing or milling bits should I use?

Use standard woodworking carbide-tipped router bits. Secure the trim to a bench or table when routing to minimize "chatter". Once the routing is complete, the cut can be smoothed using 220-320 grit sandpaper. This will help seal the cut edge and make it more resistant to dirt. After routing, to seal the exposed cells you can:

Paint the exposed area with a high quality 100% acrylic latex paint

What do you recommend for ripping boards or sheet stock?

Safety First – Please follow manufacturer’s instructions on safe operation of saws and other milling or routing tools. Use a good, sharp carbide tipped saw blade. Make sure the product is secure while ripping. After ripping or milling or to seal the exposed cells on precision cut trim boards, you can:

Sand the exposed cells with 320 grit sand paper and then wipe them with solvent like acetone (must follow solvent manufacturer’s safety instructions). Just wiping the exposed area with a solvent will not completely seal the edges, but solvents do tend to soften or melt the cells, helping to seal them from debris.

Paint the exposed area with a high quality 100% acrylic latex trim paint

FASTENING & JOINING

How do I manage expansion and contraction of PVC trim mouldings?

PVC expands and contracts many times greater than wood

The main consideration is to plan for lengthwise expansion and contraction in boards longer than 12'. If not accounted for, PVC trim can buckle or develop unsightly gaps. The key element is to choose the right joints to fasten in place while allowing other joints to move. The movement can be concealed with a shiplap joint or by leaving space for the board to expand behind a butt joint or a feature board.

If there will be an outside miter or a fastened joint at both ends of a trim run that is 12' or longer, use two boards connected with a shiplap joint to allow the boards to move without exposing the material underneath the joint.

For outside corners, cement and mechanically fasten mitered outside corners together to keep them from opening up as the boards move.

For inside corners you can use butt joints to hide movement, but you must leave a gap at the end of the longer piece.

To use scarf joints, you must allow for movement in the run. PVC trim boards can be cemented together at the joint and the boards will move as one. Allow for movement with a shiplap.

On longer runs, to account for movement, the more the trim is fastened and bonded, the less it will move. Also, you must double fasten on both sides of "pinned" joints.

In temperatures above 80°F, the board joints should be tight.

In temperatures of 40°F to 60°F, leave 1/8" of space.

And when it's less than 40°F degrees outside, provide for 3/16" between boards.

Fastening Schedule Minimum 16" on Center

Board Width	Fasteners
4" to 6"	2
8" to 10"	2 to 3
12" to 14"	3 to 4
16" to 18"	4 to 5
20" to 22"	5 to 6
24" to 26"	7 to 8

For Sheet Fastening

Max 16" on center horizontally

Max 12" on center vertically

Minimum every 6" around perimeter of sheet

Do you have to predrill before nailing?

If nailing product at 40°F or below, predrilling is required.

How do you fasten trim & mouldings?

There are several manufacturers that produce fasteners specifically intended for use with cellular PVC. (See list below). You can also use fasteners designed for wood trim. They should have thin shanks, blunt points and full round heads. Fasteners should penetrate 1½" into substrate. Fasteners should be positioned no less than ¾" or more than 2" from end of boards. Fasteners must be weather resistant, such as stainless steel. For interior trim, such as casing, base, quarter round and crown, use 16 gauge finish nails, 6d or 8d finish nails. Pneumatic guns can be used - rubber bumpers on the nail gun tooling will protect the moulding. Air pressure should be adjusted based upon gun, temperature, substrate (80-100 psi is typical). Always use the least pressure necessary to drive the nail into the product.) Trim should be fastened to a flat solid surface. In cold weather below 40°F, predrilling may be necessary. Do not use brads or wire nails. Staples can only be used to fasten beaded planking.

Recommended Screws:

- Fasten Master Cortex® Hidden Fastening System (screw and PVC plug system) 5/8" to 5/4"
- Starborn Pro Plug® System (screw and PVC plug system) 5/8" to 5/4"
- Simpson Strong-Tie® Trim-Head Stainless Steel Screw
- GRK Fasteners FIN/Trim Finishing Trim Head Screws (ClimatekCoated® or Phoenix Stainless Steel)
- Kreg Blue-Kote™ Pocket-Hole Screws (for assembling trim with pocket-holes)
- #8-gauge TrimTop 305 SS with sharp type 17 piercing point by Fasten Master
- 305 SS Headcote #7 or #8 trim screws with auger points

For Concrete/Masonry/Brick: – Apply masonry adhesive sealant (always follow manufacturer's instructions) to the surface of concrete first. Lay the trim board/sheet and secure with Tapcon masonry fasteners.

What should I use to fill screw or nail holes and or cracks?

- Extreme Adhesives Fill & Flex®
- Dap® Platinum Patch®
- OSI QUADMAX
- Sashco Big Stretch High Performance Elastic sealant
- Sherwin Williams Shrink Free Spackling®
- Crackshot High-Performance Spackling Paste

What adhesives do you recommend?

You can use an acrylic, urethane, or polyurethane caulk. Mechanical fasteners are always required. User needs to follow manufacturer's instructions. Adhesives are not covered by our warranty. Listed below are manufacturers that have formulated adhesives to work with:

PVC to PVC

- Titebond Ultimate PVC Trim Adhesive & Sealant
- Titebond PVC Trim Joint Adhesive
- Extreme Adhesives PVC Trim Welder®
- ZeVo 1 Part Cellular PVC Adhesive® for use with Royal Building Products
- FastCap 2P-10 Adhesive & Activator
- OSI PVC Trim Bond®
- Weld-On® 705 by IPS
- Christy's Red Hot White Vinyl Adhesive®
- Quality Transparent PVC Cement

PVC to Wood

- Liquid Nails® Heavy Duty
- Liquid Nails® Subfloor
- Loctite PL Premium
- Loctite PL Max
- Loctite PLX8
- PVC to Masonry
- NPC Solar Seal® 900
- Liquid Nails® LN950 Construction Adhesive
- Liquid Nails Fuze*It®

PVC to Steel

- NPC Solar Seal® 900
- Liquid Nails Fuze*It®
- Liquid Nails® LN950 Construction Adhesive

What sealants do you recommend?

You can use an acrylic, urethane, or polyurethane sealants. Mechanical fasteners are always required. User needs to follow manufacturer's instructions. Adhesives are not covered by our warranty. Listed below are manufacturers that have formulated adhesives to work with:

- OSI QuadMax
- OSI Quad
- NPC Solar Seal® 900

PAINTING & COATING PVC

Does cellular PVC trim and/or cellular PVC require painting?

No. Cellular PVC trim does not require painting but, like any cellular PVC product, it will weather over time and painting will enhance these beautiful products to maintain color consistency for many years. Our cellular trim products are ready for painting and require very little preparation. Painting with a good quality, vinyl safe 100% Acrylic Latex paint will further protect products to maintain color consistency for many years. There are several paint manufacturers that will warranty their coating products on cellular PVC trim for 20 years or more. **Our Warranty does not cover painted finishes or coating applied to the product by the original purchaser or any third party.**

If I do paint, what type of paint should I use?

For light colors with a light reflective value (LRV) of 57 or higher, we recommend a high quality 100% acrylic latex or acrylic blend paint developed for trim. Coating manufacturers can and will specify the LRV for its color palette.

For dark colors, with a light reflective value (LRV) of 56 or lower, it is imperative that an approved solar reflective coating is used. These paints are typically referred to as “vinyl safe” paints, or heat reflective coatings for vinyl. Failure to use the proper coatings specific to dark colors will result in heat distortion and buckling to any cellular PVC

Based upon the questions that we receive, it is apparent that many people are not fully educated regarding dark colors, heat buildup Benjamin Moore Revive® and Sherwin-Williams VinylSafe® technology.

Sherwin-Williams and Benjamin Moore carry exterior paint various product lines. Sherwin-Williams VinylSafe® Technology and Benjamin Moore Revive® are options in these product line. Sherwin-Williams VinylSafe®, and Benjamin Moore Revive are low heat buildup color pigment packages that can be used with cellular PVC.

For Sherwin Williams, this specialized coating is not automatically a feature in the paint products where VinylSafe® is available. VinylSafe® MUST BE SPECIFIED AS AN OPTION when having paint mixed, using Sherwin-Williams Emerald®, Duration®, Resilience®, SuperPaint® latex paints, or SnapDry™ Door & Trim Paint.

SUMMARY:

After significant experience and testing, using solar reflective coatings such as Benjamin Moore Revive and Sherwin-Williams VinylSafe® will give the user best coating solution for dark colors. Our warranty does not cover painted finishes or coating applied to the product by the original purchaser or any third party. However, if the proper coatings are used, and the coating manufacturer’s instructions are followed, users will be successful.

No priming is necessary; however, the finish quality is greatly enhanced if you use a premium 100% acrylic latex paint for trim with a built-in primer. In addition, a primer may be required under the paint manufacturer’s warranty.

Always follow the paint manufacturer’s instructions. In preparation for painting, we recommend product should be clean, dry and free of dirt, grease and or any other surface contaminants before painting. Adhesion can be improved through light scuff sanding. Product should be cleaned with a mild detergent or denatured alcohol and soft clean rag or bristle brush.

Before you start, it’s a good idea to fill all nails holes or blemishes that may occur during installation. Although scuff sanding is not needed, light sanding of the surface, with fine sandpaper can help remove blemishes prior to painting, but only if needed. For smoothing ripped or routed edges the milled or ripped surface can be smoothed using 220-320 grit sand paper. This will greatly assist to remove saw marks (or cutter head marks) and somewhat seal the milled surface and make it easier to paint.

Failure to adhere to manufacturer’s recommended guidelines for application of painted surfaces may void any paint manufacturer’s warranty.

Here are a few paint manufacturer recommendations:

- Benjamin Moore
- Duration®
- Green Seal®
- Manor Hall®
- Moorlife®
- PPG
- Revive®
- Sherwin Williams
- Super Paint®

COLOR MATCH RECOMMENDATIONS FOR SHERWIN WILLIAMS

To match our P546 White Trim, users can use:

(NOTE: This is the closest custom color match. We do not warrant any third-party color matching as we cannot control any outside variation. We also cannot warrant any third-party coating manufacturer’s coating performance.)

- Sherwin Williams off-the-shelf exterior latex Resilience (Satin) 6404-13530 Extra White. This is a very close color match and is readily available.
- Sherwin Williams exterior latex Emerald (Satin) Custom Color Match

CUSTOM SHER-COLOR MATCH

CCE*COLORANT	OZ	32	64	128
L1-Blue	-	-	-	1
R2-Maroon	-	-	-	1
Y3-Yellow	-	-	-	1

(This is a Sherwin-Williams non-returnable custom color match and may need to be special ordered. Sherwin-Williams cautions that to assure consistent color always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip or color match.

To match our P644 Sane Dune Trim, users can use:

(NOTE: This is the closest custom color match. We do not warrant any third-party color matching as we cannot control any outside variation. We also cannot warrant any third-party coating manufacturer’s coating performance.)

Sherwin Williams VinylSafe® Exterior Architectural Latex Super Paint Satin- Custom Color Match:

CUSTOM SHER-COLOR MATCH

CCE*COLORANT	OZ	32	64	128
G2-New Green	-	-	1	1
N1-Raw Umber	-	62	1	1
Y3-Deep Gold	-	22	1	1

OSI sells Beige colored caulking, Quad 473 and QuadMax 473. These are a close, but not exact match to Sand Dune.

MUST BE VinylSafe®

(This is a Sherwin-Williams VinylSafe® non-returnable custom color match. Sherwin-Williams cautions that to assure consistent color always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip or color match.

To match our P647 Tuscan Tan Trim, users can use:

(NOTE: This is closest custom color match. We do not warrant any third-party color matching as we cannot control any outside variation. We also cannot warrant any third-party coating manufacturer’s coating performance.)

Sherwin Williams VinylSafe® Exterior Architectural Latex Super Paint Low Luster- Custom Color Match:

CUSTOM SHER-COLOR MATCH

	OZ	32	64	128
G2-New Green	-	2	-	1
N1- Raw Umber	2	43	-	1
Y3-Deep Gold	-	7	-	-

MUST BE VinylSafe®

(This is a Sherwin-Williams VinylSafe® non-returnable custom color match. Sherwin-Williams cautions that to assure consistent color always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip or color match.

To match our P647 Harbor Gray Trim, users can use:

(NOTE: This is closest custom color match. We do not warrant any third-party color matching as we cannot control any outside variation. We also cannot warrant any third-party coating manufacturer’s coating performance.)

Sherwin Williams VinylSafe® Exterior Architectural Latex Super Paint Satin- Custom Color Match:

CUSTOM SHER-COLOR MATCH

CCE*COLORANT	OZ	32	64	128
W1-White	-	52	-	1
L1- Blue	-	49	1	1
R2-Maroon	-	22	1	1
Y3-Deep Gold	-	3	-	1

MUST BE VinylSafe®

(This is a Sherwin-Williams VinylSafe® non-returnable custom color match. Sherwin-Williams cautions that to assure consistent color always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip or color match.

Can you stain PVC mouldings?

Yes, but staining PVC mouldings takes coating applications such as TruStain™ from AquaSurTech OEM and or AWP SPQT Stainable Primer Wood Base Coat for Hard Surfaces. Follow the manufacturer’s recommendations.