

Urethane Millwork General Guidelines



General Information

- When you install urethane millwork outdoors, always use noncorrosive nails and/or screws.
- Urethane millwork can withstand temperatures up to 140°F(60° C). Never install urethane millwork where it will be subjected to extreme solar temperature buildup- such as behind a storm door or near a solar collector.
- Urethane millwork should be used for decorative purposes only. It should not be used to provide structural support unless otherwise specified.
- Urethane millwork is easy to repair. Use automotive body filler to fill dents or gashes of any size. If automotive body filler is not available, use exterior-grade plastic wood filler. Broken mouldings can be rejoined using urethane base adhesive.
- After you countersink fasteners on the facings of your millwork, use spackle, plastic wood filler, or latex caulk to fill the holes. Sand the filled area, and touch-up with paint.
- Always apply an even bead of urethane base adhesive to all contact points, including joined ends, then face-nail or screw millwork in place before adhesive sets up.
- For a professional look,exposed joints or cuts should be filled with caulk or filler, and then painted.

Storage

Urethane millwork should be stored in cool, shaded areas. Millwork that has been stored in a hot place, such as a car truck or enclosed trailer, should be allowed to acclimate to installation area. Because of urethane's high insulating value, this may take up to 10 hours.

Construction

New Construction: Use noncorrosive fasteners and urethane based adhesive to secure the product to the sheathing. Use siding manufacturer's recommended J-channels, butt and fit the siding to the millwork.

Brick: Use a combination of masonry fasteners and urethane based adhesive.

Remodeling: Millwork can be fastened on top of existing siding, similar to fastening shutters.

Important: If siding is vinyl, position the part in place.Drill several small pilot holes through the part and into the vinyl siding. Remove millwork and enlarge the holes in the siding (this will allow siding to expand and contract under millwork). The holes should be approximately three times larger than the diameter of the fastener. Caulk the drilled holes in the siding. Then apply adhesive, reposition product,and nail into the center of each drilled hole.

Mouldings

Urethane mouldings will expand and contract with changes in temperature. To minimize the effect of these changes, it is important to install moulding as tightly as possible. We recommend over-cutting lengths by 1/4 inch (6mm) for every 10 feet (305cm), then bowing the moulding tightly in place. Nail or screw the

ends, and work to the center, flattening the moulding into place with nails or screws. Butt joints are recommended for end seams. Corners can be coped or mitered.It is very important to apply a bead of urethane base adhesive to all joined surfaces to ensure a lasting, quality bond. Apply a bead of urethane base adhesive to the contact points of all mouldings.Nail or screw millwork securely into place.

Louvers

To install a functional louver, hold the louver against the siding to use as a template. Trace the outline of the perimeter of the louver as it rests against the siding. Then cut a hole that is 2"(51mm) smaller around the entire perimeter of the louver.Attach the louver with fasteners and adhesive. Caulking may be all that is necessary to prevent water seepage. However, if there is concern about water getting into the wood grain, apply J-channel or fl ashing.

Balustrade Systems

Please see our catalog or www.legenpu.com for complete balustrade installation instructions.

Painting

Legen products are factory primed. The primer coating will not withstand long term exterior exposure. Exterior exposures that exceed one year may result in peeling, cracking or chalking of product. Apply the final finish desired using any good quality latex paint (exterior grade for ex-terrior applications) . Apply paint lengthwise, the direction grain would run as if the millwork were wood.

Staining (Woodgrain/Stainable products)

Use a natural bristle brush and any quality, non penetrating stain. Apply the stain in a circular motion, and dry brush to create desired final appearance.

For a darker finish: Apply a heavier coat of stain with light pressure.

For a lighter finish: Apply a thinner coat of stain with more pressure.

For exterior applications: Also use a low gloss, exterior-grade, clear top coat with ultraviolet (UV) stabilizers.

Warranty

Legen offers a limited lifetime product warranty. For complete details please contact the salesman of our company.

Complete Installation Instructions

These guidelines are for quick reference and do not replace the need for full installation Instructions. For complete details please contact the salesman of our company.