

CertainTeed

# RESTORATION MILLWORK®

## 4' x 8' PVC Beadboard Panel Installation Sheet

### Put these advantages to work for you:

- Installs up to 3x's faster than standard 5" beadboard
- Natural White finish, ready to install
- Can be custom finished\*
- Consistent dimensions for accurate fit and finish time after time
- Highly resistant to UV yellowing
- Cuts with ordinary woodworking tools
- Class A (Class 1) Flame Spread Classification
- 25-year limited warranty

\* See Installation Guide for instructions on painting.

### Cellular PVC Beadboard

Exterior trim that looks and feels like top-grade lumber without the problems of wood.

#### Uses:

- Porch ceilings
- Flower Boxes and more
- Soffit
- Deck/hot tub surrounds
- Wainscoting

### Expansion and Contraction

Vinyl building products expand and contract as the temperature changes. You must allow for this movement when you fasten Restoration Millwork Beadboard Panels. You can minimize the movement of PVC trim by observing proper fastening and gluing techniques.

- When installing Restoration Millwork Beadboard Panel allow 1/4" at all edges and around fixed objects or abutments for expansion and contraction

### Bonding and Adhesives

Never use adhesives alone to fasten Restoration Millwork Beadboard Panels to a substrate.

### Bonding to Each Other

PVC cement and other solvent-based adhesives have a limited working time and cure quickly. To allow sufficient time for a full cure, mechanically fasten the joint through the joint or on each side of the joint. Verify that any PVC cement used for bonding contains UV inhibitors to prevent long-term adhesive discoloration.

### Bonding to Other Surfaces

Restoration Millwork Beadboard Panels can also be bonded to a variety of substrates. Specific substrate combinations require specific adhesives: contact cement, epoxy, rubber-based adhesives, or urethane-based adhesives. Use the proper cement for each substrate. Always follow the adhesive manufacturer's instructions, and check the bond on a test piece before proceeding with the installation.

### Wainscoting Application

Restoration Millwork Beadboard Panels are an exterior trim product and are not intended for use as a cladding material. When installed as a wainscoting Restoration Millwork Beadboard Panels must be applied over a solid substrate.

- Verify that substrate is level prior to Beadboard Sheet application.
- Apply construction adhesive such as PL® Premium Polyurethane Construction Adhesive to back of panel prior to applying to substrate.
- Fasten Beadboard Sheets to framing members, spacing fasteners no more than 4" apart in the field and at the perimeter of the panel. (see fastening diagram)
- Solid blocking must be installed where panel edges do not meet framing members to allow for proper fastener installation.

For more details on Storage and Handling, Cutting, Routing, Finishing, Painting and Cleaning Restoration Millwork please refer to document #RM003 Restoration Millwork Exterior Trim Installation Guidelines.

### Fastening

Unless you are using large fasteners or installing Restoration Millwork Beadboard in unusually low temperatures (<40°F), you will not need to pre-drill holes before fastening the trim. Use stainless steel or hot dipped galvanized fasteners designed for wood trim and cladding. For best results, use fasteners with thin shanks, blunt points, and full round heads. Finish nails are acceptable provided they penetrate 1-1/2" through a flat, solid wood substrate into a framing member.

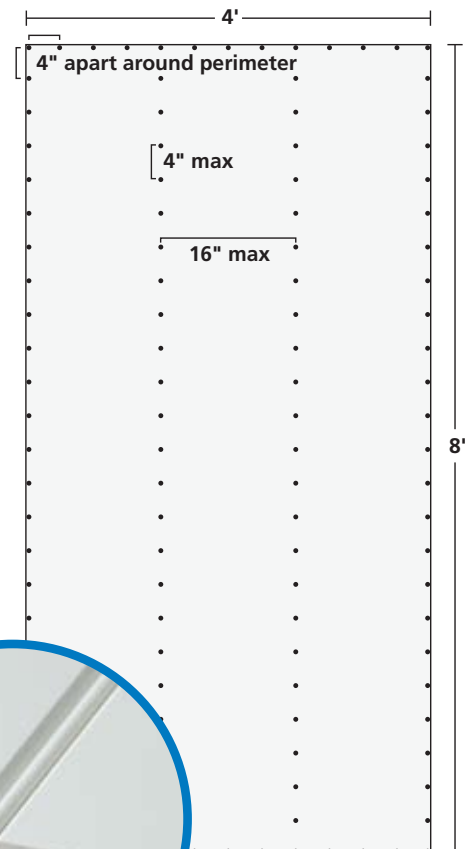
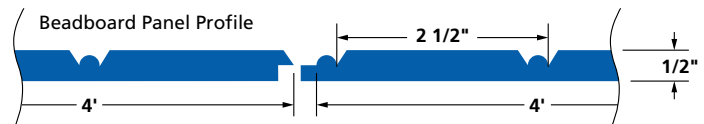
- Standard pneumatic nailers work well, generally at a pressure between 70 psi and 100 psi, depending upon the type of gun, the type of nail, the air temperature, and the density of the substrate.
- In-line pressure gauges will help maintain even pressure to the nail gun.
- Fasteners should penetrate a minimum of 1-1/2" into a framing member.
- Fastener heads should be flush with the surface of the trim or slightly indented and no closer than 3/4" from the end of the board.

**Do not use brads, staples, wire nails, ring-shank nails, or fine-threaded wood screws.**

### Ceiling/Soffit Application

When installing Restoration Millwork Beadboard in a ceiling or soffit application verify that the area to be covered has adequate ventilation. Spanned applications such as soffit and ceilings must not exceed 16" OC.

- Verify that framing members are level prior to application; if not, shim to correct as needed.
- Apply construction adhesive such as PL® Premium Polyurethane Construction Adhesive to back of panel where it will intersect joists.
- Fasten Restoration Millwork Beadboard Sheets to framing members, spacing fasteners no more than 4" apart in the field and at the perimeter of the panel. (see fastening diagram)
- Solid blocking must be installed where panel edges do not meet framing members to allow for proper fastener installation.



Fastening Diagram

beadboard panel lap