

1. INTRODUCTION

Grove Collection™ infuses stained wood presence in our low maintenance Cellular PVC. Our ceiling and soffit standouts include three planking options as well as trimboards and moulding accessories that tops wood with lasting durability.

2. MATERIALS & TOOLS LIST

- Miter saw, (minimum 80 tooth on a 12" blade for finish cuts)
– For max results us CMT 96 tooth fine finish (12")
- Level
- Pencil
- Square
- Tape measure
- Pneumatic/battery nailer
- 1-1/2" to 2" stainless steel crown staples 1/4"-1/2" wide
- 2" 8D stainless steel nails with annular threads
- Trim head screws for best results

PERSONAL PROTECTION EQUIPMENT

- Eye protection
- Gloves

Safety Note: Like when cutting wood, avoid breathing dust. In case of inadequate ventilation, use a dust mask. Follow all tooling manufacturer's instructions.

3. APPLICATIONS

These are ideally suited for soffit and under porch applications in all climates. Always follow your local building codes to ensure compliance. Not for siding applications.

4. STORAGE & HANDLING

- Keep product in the package and store trim and moulding off the ground, fully supported on a flat surface until ready to install.
- Do not store in heat exceeding 120°F.
- Never place trim and moulding directly on asphalt, concrete, blacktop, or other surfaces than can develop excessive heat, as this can distort any PVC product.
- Avoid installing product below 40°F. When installing below 40°F you must predrill for fastening.
- For best results, use two people to handle and install the product.
- Do not slide product out of the crate or against each other and handle the product with care as to not scratch the surface (face to face and back to back).

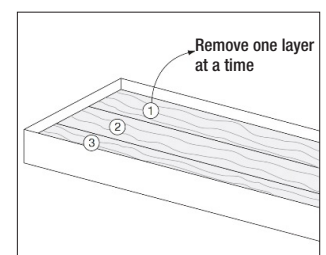
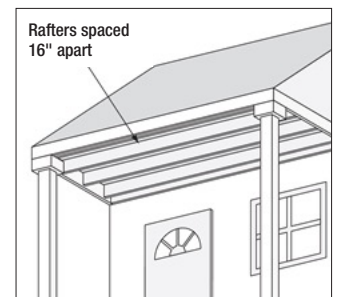
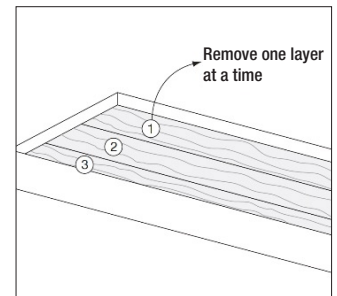
Warning: Do not allow contact with acetone and/or solvent-based cleaners or adhesives at any time.

5. PREPARATION

- Prior to installation, ensure the rafters are true, level and spaced at maximum 16" OC apart.
- If needed, use shims to create a flat surface.
- Measure the width to be covered and divide it by the exposed surface of the board. If the last board is less than 2" wide, trim the first board for even spacing.

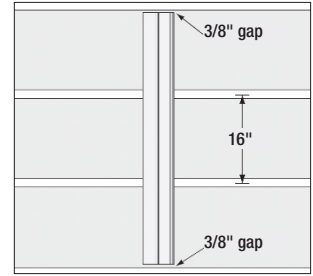
6. INSTALLATION

- For the best results use two people to install this finished product.
- Grove Collection are pre-sorted in each package to ensure woodgrain variations.
- Remove each piece from the original package one layer at a time from right to left and top to bottom to ensure proper variation of woodgrain.
- Boards are not precision cut. End cut trim pieces to square up ends if necessary.
- Measure the length of each board to allow 3/8" space on each end.
- Start with the groove side and place it against the starting location.



6. INSTALLATION (CONT)

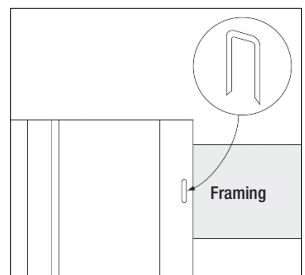
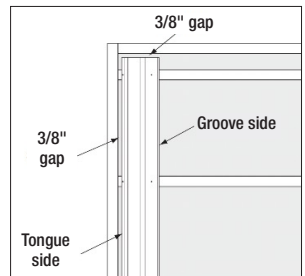
- For best results apply adhesive to the framing or sheathing just prior to securing the beadboard with nails and staples.
- To hide expansion and contraction joints, use a 5/8x4 Grove Collection Perimeter Trim.
- For covering beams with the 1x8 and 1x12 Grove Collection Trimboards: Trim ends to square up board. Daub the ends of the boards to disguise the end cut. If you must rip to width, make sure to use the proper table saw set up and rip face side up. Install the ripped edge side up to hide the exposed surface. Use Cortex color matched plugs and screws to secure the trimboard to the beams. Allow for expansion and contraction – See Trim & Moulding Installation Guide for full details.
- Use paint dauber to disguise the end cuts prior to installation. Immediately remove any excess paint from surface of product.
- For runs longer than 18ft, we recommend the use of a feature board to hide expansion and contraction at the joint. If using butt joints, use paint dauber to disguise white ends prior to installation. Immediately remove any excess paint from surface of product. Allowing paint to dry before cleaning may result in permanent discoloration.



7. NAILING

- Use 1-1/2" stainless steel crown staples or equivalent in the nailing hem and 2" 8D nails or equivalent for face nailing to ensure proper penetration into framing (in temps below 40°F, predrilling is necessary).
- Use paint dauber to cover nail holes as needed. Immediately remove any excess paint from the surface of the product. Allowing paint to dry before cleaning may result in permanent discoloration.
- Position the first piece tongue side to the starting location and face nail (2) 8D nails at each framing location.
- On subsequent pieces, place the tongue firmly into the groove and secure with crown staples in the nailing hem at each framing location.
- You may need to cut the last board, lengthwise to finish your installation.
- Use (2) 8D nails at each framing location on your last piece.
- When complete, install Grove Collection crown or bed moulding around the perimeter to cover the 3/8" gap.
- Decorative Crown and Bed mouldings should be fastened using 15 ga. galvanized or stainless steel trim nails.

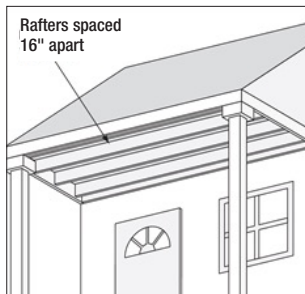
Note: Ensure the staples are flush or just below the surface of the nailing hem.



8. CLEANING & CARE

Do NOT use abrasive scrub pads, pumice-based cleaners or solvents like acetone and toluene.

- Clean with a mild cleaning agent and soft cloth.
- Westlake Royal recommends COSMOFEN 20 PVC cleaner (CL-300.140 Weiss) for general cleanup.
- Ensure proper ventilation around your installation to prevent heat buildup.
- When using Paint Daubers to conceal any white substrate areas, immediately remove excess paint from surface of product. Allowing paint to dry before cleaning may result in permanent discoloration.



9. TIPS & OTHER RECOMMENDATIONS

Best Practices

- Surface area must flat.
- Porch roof/soffit should be vented. If unvented install 7/16" OSB and foam insulation.
- Leave 3/8" gap between wall and ends of boards/planks.
- Use color matched Cortex Plug & Screw Kits for hidden fastening on 5/8" and thicker product.
- Use color matched daubers to touch up end of boards, scratches and nail holes as needed.
- Use 5/8x4" Perimeter Trim as beauty break on long runs. Will require framing at the point of fastening.
- Allow for expansion and contraction – see Trim & Moulding Installation Handbook.
- Handle product with care to mitigate scratches and handling damage.
- Product is heavy – use at least two people to install.
- Use of Crown, Bed Mould, or Perimeter Trim will accent and highlight the Beadboard, V-Groove, and Nickel Gap.
- For best installation us a high quality PVC to Wood Cement.