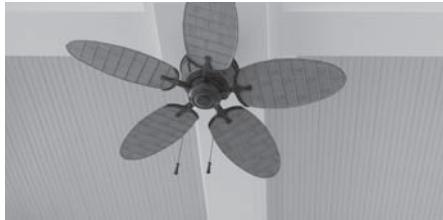


ROYAL Building Products



ROYAL Beaded Planking

Wainscot installation

1. Cut pieces to the desired length. Square cut ends to ensure a 90° cut before beginning installation.
2. Apply construction adhesive to the back of one piece of wainscot.
3. Starting in a corner of the room and making sure the nailing fin faces away from the corner, press the first piece into place.
4. Nail through the fin into the wall.
5. Continue gluing and nailing until you come to the corner. At this point, it may be necessary to rip the last corner piece so that it will fit.
6. Repeat along each wall.

Ceiling planking installation

1. Square cut ends to ensure a 90° cut before beginning installation. Allow 1/4" on each end for expansion.
2. With the nailing fin positioned away from the wall, face nail the first piece against one side of the ceiling. Nail the nailing fin on the first piece on maximum 16" centers.
3. Insert the next piece into the slot and continue nailing through the fin on maximum 16" centers until ceiling is completely covered.
4. Use PVC cement where plank ends must be butted together.
5. The last piece will probably need its width adjusted. Measure, mark, and rip it to the desired width.
6. Face nail the last piece as close to the wall as possible.
7. Cover edges with crown or trim moulding.

CAUTION: Ceiling planking should never be used for load-bearing application. Attic space above porch should be vented.

Painting Royal cellular vinyl PVC

Royal's factory-applied finish requires no painting for protection. Desired custom finishes can be achieved using oil-based or latex paints. To maintain warranty for custom colors in darker shades, use of paints with VinylSafe™ Technology is recommended. (Dark colors are considered any color that falls within the lightness (L) value of 56 to 0 noting that 100 is white and 0 is black.)

Touch-up for exterior mouldings

A complete line of touch-up products is available from Royal. Also recommended:

- Dap® "All Purpose" Painter's Putty®
- Minwax High Performance Wood Filler®
- Elmer's Fill-N-Finish Light Wood Filler®
- Sherwin Williams Shrink Free Spackling®

After installation is complete, caulk and/or putty all gaps and nail holes.

Fastening Royal moulding and trim to the wall

PVC trim can be nailed with finishing nails and/or glued. Our recommendations for the nails are paneling, finishing, or pneumatic finish nails. For the glue, recommended products are PL Glues/PC –200, 300, 400/LIQUID NAILS applied according to manufacturer's directions. Glue alone is not advised for crown mouldings.

Adhesive selection for cellular vinyl

The following brands have been laboratory tested and approved for use with Royal cellular vinyl; however, individual conditions may vary and these adhesives may not perform under every circumstance. Other brands may also be suitable, but always test before using.

G: Good Bond F: Fair Bond P: Poor Bond

| Int/Ext Adhesive | Wood | Steel | Sheetrock | Masonry |
|---------------------------------|------|-------|-----------|---------|
| Dow 100% Silicone® | F | F | G | - |
| Dap 230 Latex® | F | P | G | - |
| Tru Test® (Tru Value®) | G | P | G | - |
| Contech PL-400® | F | F | G | - |
| Better Than Nails® | G | F | G | G |
| Liquid Nails LN-901 Heavy Duty® | G | - | G | G |

For Interior Use Only

| | | | | |
|---------------------|---|---|---|---|
| G.E. Silicone® | F | G | G | - |
| USG Cove Base Adh.® | G | G | G | - |
| OSI Quick Bond® | G | P | G | G |

Expansion and Contraction: Royal exterior PVC products, as manufactured, may expand and contract due to temperature variations. To reduce or eliminate open joints, the preferred method is the use of adhesive commonly called pipe glue or PVC pipe cement. When bonded correctly with this adhesive, the joint becomes an integral part of the system to which it is being applied.

Cleaning Royal mouldings and trim

Cleaning Royal mouldings and trim is easy and fast with most major household cleaners. There are many cleaners on the market and the glass cleaners seem to be the best candidate for keeping the finish intact. The cleaning solution should be applied and immediately wiped dry. With any cleaning material, the cleaning solution should not be left to stand on the components for an extended period of time. Royal recommends the following cleaners:

| | |
|--|--------------------------------|
| Windex® | 409 Glass and Surface Cleaner® |
| Spic & Span Cinch® | Fantastik All-Purpose® |
| Fantastik Orange Action® | Regency® (Glass and Surface) |
| Clorox Clean-Up® | Glass Plus® |
| Fantastik Oxy Power Multi-Purpose Cleaner® | |

What to Avoid

Harsh cleaners with glycol ethers or ethanol type solvents and/or isopropyl alcohol soften the coating if left on for several minutes and are not recommended. Examples of these harmful cleaners are Goof Off®, Wal-Mart "Great Value All Purpose Cleaner" (glycol ether), 409 General Purpose® (2-Butoxyethanol) and Greased Lightning® (glycol ether), citrus cleaners, abrasive cleaners, and solvents such as acetone, paint remover and lacquer.