

ASSEMBLY and INSTALLATION

General Installation Instructions and Guidelines for ORAC DECOR® Millwork:

Allow The **ORAC DECOR®** Collection to stabilize to room temperature for at least 24 hours prior to installation. Avoid storing and installing The **ORAC DECOR®** Collection in temperatures less than 41°F / 5°C or greater than 86°F / 30°C with humidity in excess of 70%.

You will need the following tools in order to ensure the highest quality installation:

- Tape Measure
- Fine Sandpaper
- Caulking Gun
- Pencil
- Finishing Nails or Screws
- Countersinking Drill Bit and Drill
- **ORAC DECOFIXPRO®** (Wall Adhesive / Filler) *
- **ORAC FIX EXTRA®** (Joint Adhesive) *
- **ORAC DECOR®** Miter Box (or other brand)
- Saw or Compound Miter Saw
- Hammer and/or Screwdriver
- Utility Knife
- Sponge or Cloth

* It is not recommended that you substitute **ORAC DECOFIXPRO®**/ **ORAC FIX EXTRA®** with other brands of adhesive for your installation. Installations are guaranteed and covered under the **ORAC DECOR®** limited warranty only when **ORAC DECOR®** adhesives are used.

Although intended for use in the same manner and purpose, the bonding agents utilized in other brands of wall adhesive / filler and joint adhesive may not be chemically compatible with The **ORAC DECOR®** Collection, thereby producing inadequate adhesion or fusion, which may potentially cause The **ORAC DECOR®** Collection to detach from the surfaces to which it has been adhered, and / or cause butt / miter joints to separate.

- 1. Surface Preparation (General Instructions):** The **ORAC DECOR®** Collection can be adhered to most surfaces. However, the surface should be relatively flat, clean, dry and free from grease, oil, dirt and loose particles.
It is also recommended that existing wall coverings be removed from the area of the wall or ceiling to which the moulding is to be adhered. Prior to cutting the wall covering, mark the wall with a pencil using the moulding to be adhered as a guide. Using a utility knife, score along the line(s) drawn on the wall covering. Now you may remove the wall covering.
Suitable surfaces for adhering The **ORAC DECOR®** Collection include those of sound plastering, concrete as well as most types of painted and unpainted wood and board.
- 2. Moulding Preparation (General Instructions):** Prior to installing the moulding, lightly sand the surfaces to be finished and wipe down with mineral spirits. This not only ensures good paint adhesion to the moulding, but a smooth finish as well.
- 3. Measuring (For Mouldings Only):** Accurately measure the room where the moulding is to be installed, adding approximately 1-2 feet to every outside corner to allow for proper mitering.
- 4. Mitering (For Mouldings Only):** **ORAC DECOR®** high-density polyurethane moulding is mitered in the same manner as wood mouldings utilizing the same techniques and tools. In order to avoid wasting material and making incorrect cuts, it is strongly recommended that you “diligently think through your miter cut prior to actually cutting.”
Because the patterns (where applicable) of two installed pieces of **ORAC DECOR® Moulding** may not exactly match (repeat) at the location where the installation terminates, when commencing your installation, it is important to align the patterns (where applicable) to match at the outside corners, in that outside corners are comparatively much more conspicuous than inside corners.
ORAC DECOR® Mouldings should always be placed in the miter box with the primed surface facing up. Generally speaking, the **ORAC DECOR® Mouldings** should also be inverted (turned upside down) with the side (to be adhered) that faces the floor on the top and the side (to be adhered) that faces the ceiling on the bottom.
Always make all cuts into the primed white surface, as cutting from the backside of the moulding will cause the primed white surface to splinter.
- 5. Gluing (General Instructions):** Apply a bead (1/16”–1/8”) of **ORAC DECOFIXPRO®** adhesive to the “wall” and “ceiling” surfaces of the moulding to be adhered. In order to ensure a successful installation, it is not recommended that you substitute **ORAC DECOFIXPRO®** / **ORAC FIX EXTRA®** with other brands of adhesive for your installation.
- 6. Installation (General Instructions):** Always begin your installation with an outside corner. Because the patterns (where applicable) of two installed pieces of moulding may not exactly match (repeat) at the location where the installation terminates, when commencing your installation, it is important to align the patterns (where applicable) to match at the outside corners, in that outside corners are comparatively much more conspicuous than inside corners.
Place, properly position and tightly fit the lengths of moulding on the wall / ceiling. Proceed around the periphery of the room installing the moulding in an orderly fashion allowing for any mismatches (where applicable) to occur at inside corners.
Countersink nails / screws through the moulding into the wall / ceiling on both ends as well as the center to prevent it from moving out of position while curing.
- 7. Joints (For Mouldings Only):** Apply a bead (1/16”–1/8”) of **ORAC FIX EXTRA®** adhesive on one edge of the entire butt / miter joint. Avoid using excess adhesive. (To remove excess adhesive, allow it to dry for at least 2 hours and either cut it out with a razor knife or chisel it out with a wood chisel or sharp putty knife). Adjoin the next piece of prepared moulding (as indicated in step #4) firmly against the glued butt / miter joint by “maneuvering” it from side to side with constant pressure to ensure maximum contact and adhesion of the two pieces. Continue your installation as indicated in steps #5 and #6.

8. **Filling (General Instructions):** Once the installation has been completed, **ORAC DECOFICPRO®** adhesive can be used to fill 1) nail / screw holes, 2) installation gaps in the butt / miter joints as well as 3) installation gaps along the wall or ceiling. Excess adhesive can be immediately removed with a wet cloth. Lightly sand patched areas after the adhesive has cured (Approximately 24 hours).
9. **Finishing (General Instructions):** The **ORAC DECOR®** Collection of high-density polyurethane millwork and architectural elements is factory coated with a specially treated, high quality, UV resistant white primer finish, which produces a smooth, tough surface ready for painting, glazing or faux finishing.

a) **Painting:** The **ORAC DECOR®** Collection can be painted with high quality flat satin or full gloss oil-based or latex paints. Painting with a brush generally yields best results. However, if spray painting, use oil-based paint and finish by feathering with a brush.

b) **Staining:** The **ORAC DECOR®** Collection can be stained to emulate an indistinguishable wood finish. Apply a base coat of beige paint as an undercoat (See section 9a for types of acceptable paint and techniques). When completely dry, apply a wood stain (utilizing the stain manufacturer's instructions) with an inexpensive, pure bristle brush until the desired wood grain effect has been achieved. After the stain has dried, apply a satin or gloss finish.

It is recommended that you practice this or any other staining technique on scraps or unused portions of moulding to test for color and effect prior to actually staining any installed moulding.

c) **Antiquing:** The **ORAC DECOR®** Collection can be antiqued to match any décor. Apply a base coat according to the antique finishing manufacturer's instructions. When completely dry, apply a glazing liquid (utilizing the antique finishing manufacturer's instructions) with an inexpensive, pure bristle brush until the desired effect has been achieved. Although there are several methods and tools that can be utilized in working with the glaze to achieve various effects, some of the most commonly recommended tools are dry brushes, cheesecloth and fine steel wool.

It is recommended that you practice these or any other antiquing techniques on scraps or unused portions of moulding to test for color and effect prior to actually antiquing any installed moulding.