

Manuals.plus /

› Orac Decor /

› Orac Decor Duropolymer Crown Moulding CX123 Installation and Maintenance Manual

Orac Decor CX123

Orac Decor Duropolymer Crown Moulding CX123 Installation and Maintenance Manual

Model: CX123 | Brand: Orac Decor

1. PRODUCT OVERVIEW

The Orac Decor Duropolymer Crown Moulding, model CX123, is a high-impact polystyrene moulding designed for both indoor and outdoor environments. It is impervious to moisture, lightweight, and features a large profile without requiring complex build-up. This moulding is supplied primed white, ready for painting to match your interior design.



Image 1.1: Orac Decor CX123 Crown Moulding installed in a room corner, showcasing its profile and seamless integration.

1.1 Key Features:

- **Material:** Duropolymer High Impact Polystyrene, offering exceptional durability and moisture resistance.
- **Versatility:** Suitable for both indoor and outdoor applications, providing design flexibility.
- **Lightweight:** Facilitates easier handling and installation by a single person.
- **Primed Finish:** Arrives pre-primed in white, ready for immediate painting to match any decor.
- **One-Piece Construction:** Engineered as a single unit, eliminating the need for complex multi-piece build-up and reducing the risk of post-construction separation or cracks.
- **Paintable:** Can be painted with any high-quality paint suitable for the application area.
- **Easy to Install:** Designed for straightforward installation, saving time and labor.
- **Flexible Options:** Certain Orac Decor cornice mouldings are available in flexible versions for curved surfaces (check product specifics for CX123 flexibility).

A cornice creates a visually attractive transition from wall to ceiling. From sleek to baroque, from decorative to functional - we offer a quality solution for every budget. The profiles are easy to install and are available in many different sizes and styles.

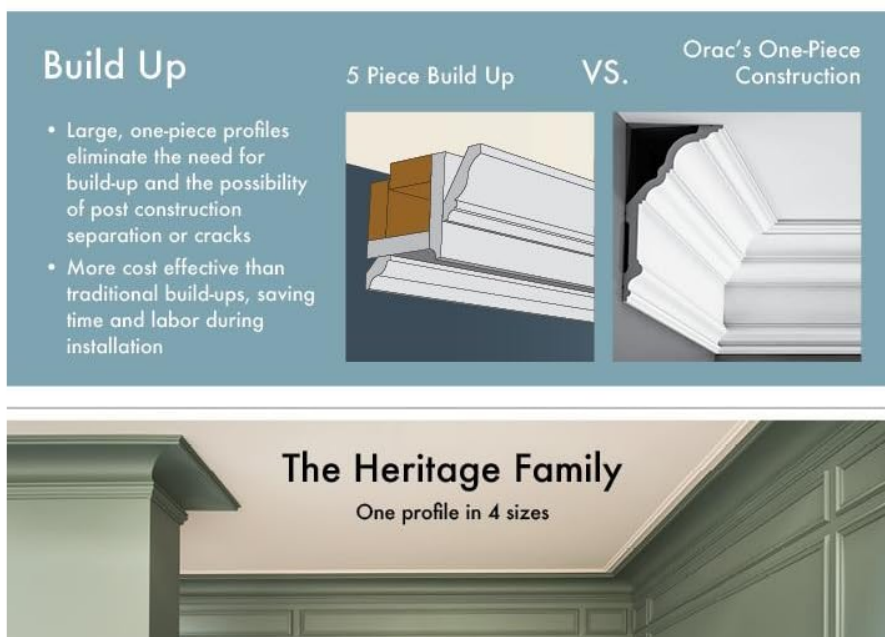


Image 1.2: Illustration comparing traditional 5-piece moulding build-up with Orac Decor's single-piece construction, highlighting simplified installation and reduced risk of issues.



Image 1.3: Polystyrene pellets, the base material for Orac Decor's Duropolymer products, emphasizing the quality of materials.

2. SPECIFICATIONS

Attribute	Detail
Model Number	CX123
Material	Duopolymer (High Impact Polystyrene)
Color	Primed White
Face Dimension	4-3/8 inches (approx. 110mm)
Length per Piece	78 inches (approx. 1981mm)
Product Dimensions (Overall)	78 x 3.13 x 3.13 inches
Item Weight (per 11-pack)	Approximately 22 pounds
Manufacturer	Orac Decor

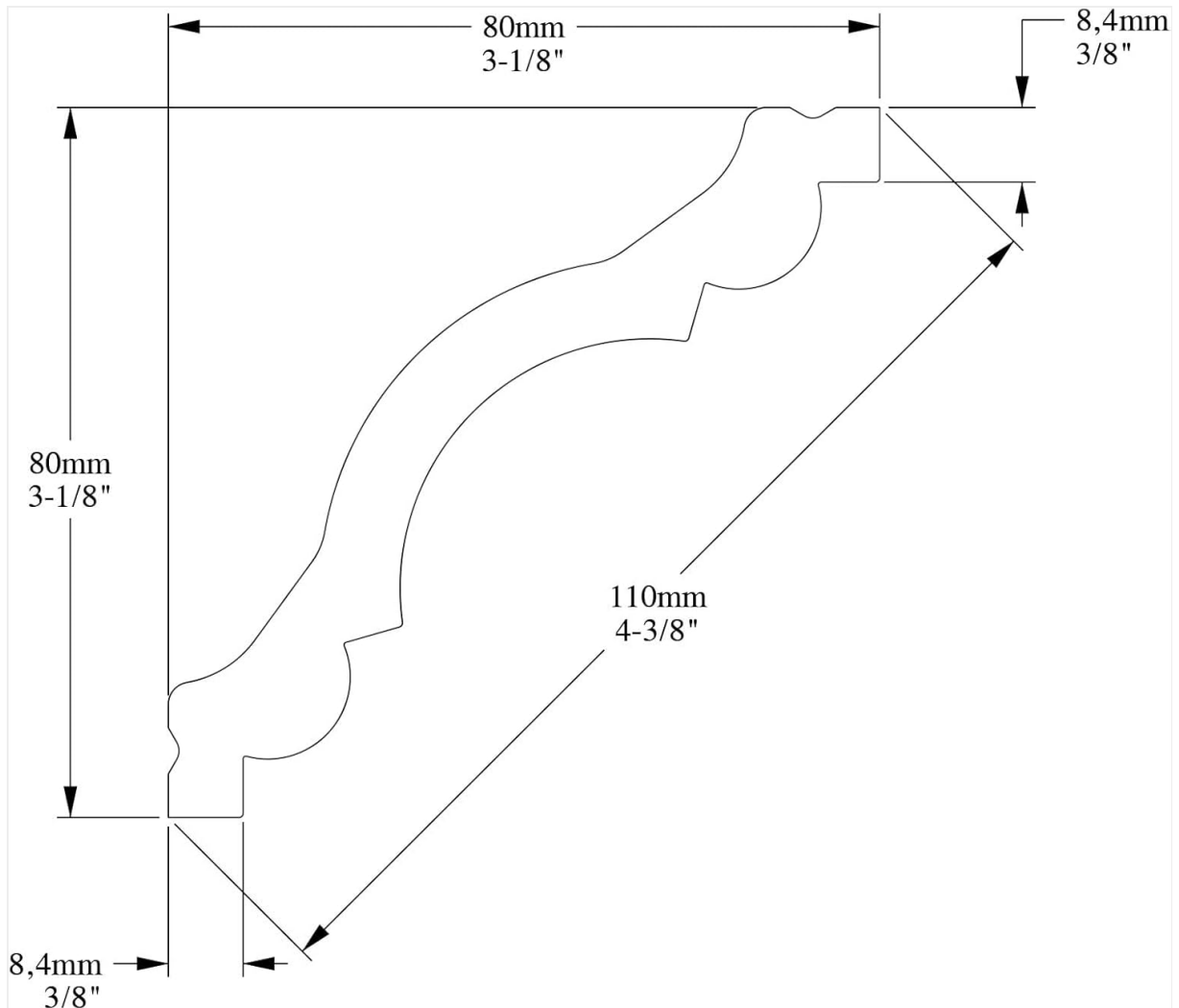


Image 2.1: Detailed technical drawing of the CX123 moulding, showing precise dimensions in both millimeters and inches for accurate planning and cutting.

3. SETUP AND PREPARATION

Proper preparation is crucial for a successful installation. Ensure your work area is clean, well-lit, and free from obstructions.

3.1 Tools and Materials Required:

- Miter saw or fine-tooth hand saw (for precise cuts)

- Measuring tape
- Pencil
- Caulking gun
- Recommended Orac Decor adhesive (FDP-500, FX400, or FDP-700, see Section 4.2)
- Finishing nails or screws (optional, for added security)
- Sanding paper (fine-grit)
- Clean cloths
- Safety glasses and gloves

3.2 Surface Preparation:

1. Ensure walls and ceilings are clean, dry, and free from dust, grease, or loose paint.
2. Fill any large cracks or holes in the wall or ceiling surfaces where the moulding will be installed. Allow fillers to dry completely.
3. For best adhesion, lightly sand glossy surfaces.

3.3 Measuring and Cutting:

Accurate measurements and cuts are essential for a professional finish. The Duropolymer material is strong but can dent or crumble if not handled carefully during cutting. Use a sharp saw blade.

- Measure the length of each wall section where the moulding will be applied.
- For inside corners, cut two pieces of moulding at a 45-degree angle, with the longest point on the face of the moulding.
- For outside corners, cut two pieces at a 45-degree angle, with the shortest point on the face of the moulding.
- Always test cuts on scrap pieces first to ensure accuracy.



Inside Corner

Illustrates how two pieces of moulding meet at an inside corner, requiring precise 45-degree cuts.



Outside Corner

Shows how moulding pieces are joined at an outside corner, also requiring accurate 45-degree cuts.

4. INSTALLATION

Follow these steps for effective installation of your Orac Decor crown moulding.

4.1 General Installation Steps:

1. **Apply Adhesive:** Apply a continuous bead of the recommended Orac Decor adhesive to the back surfaces of the moulding that will contact the wall and ceiling.
2. **Position Moulding:** Carefully press the moulding into place, ensuring it is firmly seated against both the wall and ceiling.
3. **Secure (Optional):** For added security, especially with longer pieces or in high-traffic areas, use finishing nails or screws. Ensure these are countersunk and filled later.
4. **Join Pieces:** When joining two pieces of moulding, apply adhesive to the cut ends before pressing them together. Use Orac Decor FX400 for seaming joints to prevent separation.
5. **Clean Excess Adhesive:** Immediately wipe away any excess adhesive with a damp cloth.
6. **Allow to Cure:** Allow the adhesive to cure fully according to the manufacturer's instructions before proceeding with finishing.

4.2 Recommended Adhesives:

Orac Decor offers specific adhesives for optimal performance and finish. Choose the appropriate adhesive based on your installation needs:



FDP-500 (Decofix Pro)

Provides a strong bond between mouldings and mounting surfaces. Can also be used as a filler.



FX400 (Decofix Ultra)

Used for seaming joints between mouldings. It provides a tight bond and seamless look that keeps joints from separating.

FDP-700 (Decofix Power)

Recommended for particularly damp or humid environments such as bathrooms, kitchens, or outdoor applications. Also suitable for large and heavy profiles.

Image 4.1: A person applying adhesive to the back of a moulding piece using a caulking gun, demonstrating the application process for secure installation.

5. FINISHING AND OPERATING

Once the moulding is installed and the adhesive has cured, you can proceed with finishing.

5.1 Painting:

- The moulding is supplied primed and ready for painting.
- Use any high-quality paint suitable for interior or exterior use, depending on the application.
- Apply paint evenly, ensuring full coverage for a consistent finish.

5.2 Usage and Application:

Orac Decor crown mouldings are designed to create a visually attractive transition from wall to ceiling. They are suitable for various design styles, from traditional to modern. The Duropolymer material is robust, allowing for use in diverse settings.



Image 5.1: Orac Decor CX123 Crown Moulding installed in a modern room setting, demonstrating its aesthetic contribution to interior design.



Cornice Mouldings

Image 5.2: Examples of Orac Decor cornice mouldings in different interior settings, illustrating their aesthetic versatility and application.

6. MAINTENANCE

Maintaining your Orac Decor crown moulding is simple and helps preserve its appearance.

- **Cleaning:** Dust the moulding regularly with a soft, dry cloth. For more thorough cleaning, wipe with a damp cloth and a mild, non-abrasive cleaner. Avoid harsh chemicals that could damage the paint or material.
- **Repairs:** Minor dents or imperfections can often be filled with a suitable filler (like Orac Decor FDP-500) and then sanded and repainted.
- **Repainting:** If the paint becomes worn or you wish to change the color, simply clean the surface and apply new paint as described in Section 5.1.

7. TROUBLESHOOTING

This section addresses common issues that may arise during installation or use.

Problem	Possible Cause	Solution
Moulding dents easily	Impact during handling or installation.	Handle with care. Minor dents can be filled with appropriate filler, sanded, and painted.
Moulding crumbles/cracks during cutting	Dull saw blade, incorrect cutting technique, or excessive force.	Use a sharp, fine-tooth saw blade. Apply steady, even pressure. Practice on scrap pieces.
Joints are visible or separate	Insufficient adhesive at joints, improper alignment, or movement during curing.	Ensure adequate application of FX400 (Decofix Ultra) at all joints. Hold pieces firmly in place until initial set. Re-apply adhesive and clamp if necessary.
Moulding does not align properly at corners	Inaccurate measurements or cutting angles.	Double-check measurements and miter saw settings. Use a corner jig if available. Small gaps can be filled with FDP-500 and painted.
Nail holes are visible after painting	Nail holes not properly filled or sanded.	Ensure all nail holes are countersunk, filled with a suitable filler, sanded smooth, and primed before final painting.

8. WARRANTY AND SUPPORT

Orac Decor products are manufactured to high standards. For specific warranty information or technical support, please refer to the official Orac Decor website or contact their customer service directly.

You can visit the Orac Decor Store on Amazon for additional product information and resources.