

FORMAFLEX™ CONTOUR MOULDING INSTALLATION INSTRUCTIONS



2197 Canton Road, Suite 209 - Marietta, GA 30066
770.590.1999 phone - 770.590.3190 fax
www.architecturalspecialties.com

Made from polyurethane resin, Century Formaflex™ radius mouldings are a tremendous labor saving product perfect for contoured convex and concave applications. All moulding can be finished with either latex or oil base paint. Please contact Century Customer Assistance with any questions regarding Formaflex™ Contour moulding.

Tools & Materials You Will Need

Sponge or clean cloth
Caulking gun
Miter box and saw or power miter saw
Chalk line box and pencil
Polyurethane construction adhesive [PL Premium® recommended]
Mineral spirits

Optional Tools & Materials

Putty knife
Hammer and nail set
Elastomeric adhesive caulk [White Lightning® 3006 recommended]
6d or 8d finishing nails [bright finish or electro-galvanized] fasteners must penetrate substrate a min. of ½" to ¾" inches.
Extra fine sandpaper

Planning Your Installation

- 1 Formaflex moulding is available in custom lengths from 4 feet to 12 feet, in foot increments only. You can order any combination of lengths for your application. For best recommendation of lengths call Century Customer Service.
- 2 When installing Formaflex moulding it is important to establish a plan for the layout.
- 3 First measure your space to determine linear footage of moulding needed. Start by measuring the installation area height, length and width. Use the following formula to determine the total linear length needed for installation. $[4 \times H^2] + L^2 \div [8 \times H] = \text{Radius}$
- 4 You may also want to consider adding additional length to your purchase to "match the pattern or decorative repeat" of moulding, ensuring a consistent appearance. For moulding with repeats greater than 6" consider adding an additional 5% to total length.
- 5 ALWAYS store moulding in a dry well-ventilated, low-humidity area. NEVER store moulding outdoors.

Before Installation

- 1 You can finish [paint or faux finish] moulding before or after installation.
- 2 After installation touch-up any area as needed.
- 3 Place moulding in room for 48 to 72 hours before installation to allow moulding to adjust to temperature and humidity levels of room.

Surface Preparation

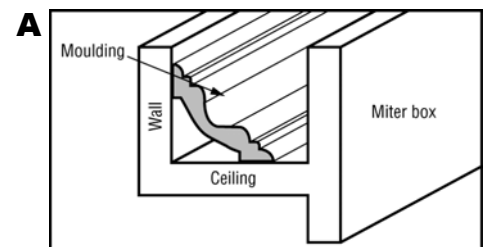
- 1 Clean all surfaces free of dirt and loose particles with a clean cloth or sponge.
- 2 Make sure area is completely dry before installing product.

Mitering Corners

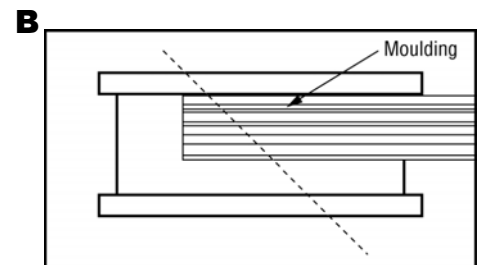
- 1 The key to successful mitered corners is placing the moulding correctly in the miter box or power saw fence/rail.
- 2 Moulding should be placed in the box so that the ceiling bedding edge of the moulding lies against the bottom of the box or saw and the wall bedding edge of moulding lies against the side of the miter box opposite you. TIP: Before cutting, label the miter box or saw bottom "ceiling" and the side with "wall" [A].
- 3 Cut all miters and butt joints before you install moulding. After cutting, lay moulding in place around the room to make sure all cuts and joints are correctly measured.

Mitering Inside Corners

- 1 Take two pieces of moulding that will be used for your first inside corner.
- 2 Place the "left" length of moulding in box as described above and cut 45° mitered corner - your saw should point **left** [B].
- 3 Next place the "right" length of moulding in box - before cutting note moulding pattern and adjust your cut to allow for continuity of pattern. Cut the right miter with your saw pointing **right** [C].
- 4 Check your cuts by placing the two mitered ends together, to insure a good fit.



Place moulding in miter box as shown.
Mark box as shown.



Inside left corner

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FORMAFLEX™ CONTOUR MOULDING - 2 INSTALLATION INSTRUCTIONS



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Mitering Outside Corners

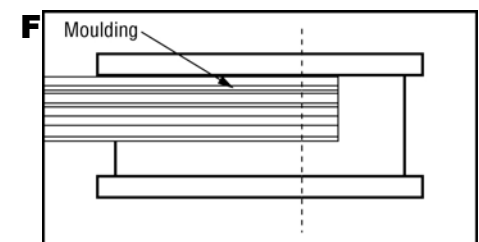
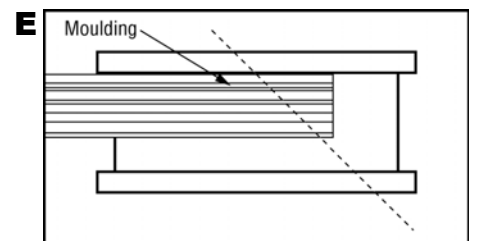
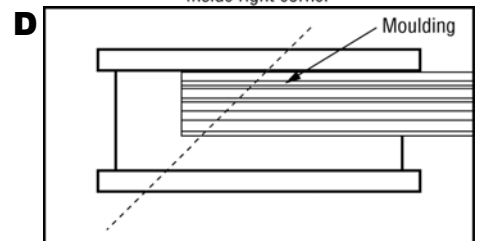
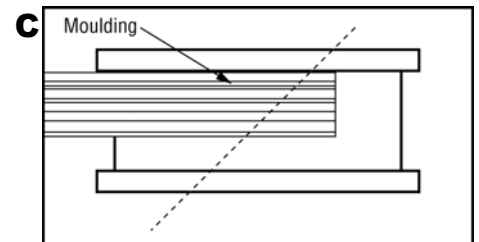
- 1 Take two pieces of moulding that will be used for your first outside corner.
- 2 Place the "left" length of moulding in box as described above and cut 45° mitered corner - your saw should point **right** [D].
- 3 Next place the "right" length of moulding in box - before cutting note moulding pattern and adjust your cut to allow for continuity of pattern. Cut the right miter with your saw pointing **left** [E].
- 4 Check your cuts by placing the two mitered ends together, to insure a good fit.

Butt Joints

- 1 When moulding lengths do not span the entire length of a room, you will need to "butt joint" two moulding lengths together.
- 2 Note the pattern on the cut moulding and adjust the pattern on next length of moulding when cutting to insure pattern continuity.
- 3 Lay the moulding in the miter box the same as described above and cut a straight edge [F].

General Installation

- 1 First mark the entire length of wall around the room with your chalk line box and pencil. You will mark the bottom edge when installing crown or cornice moulding, the top edge when installing chair rail moulding and the outer edge when installing arch moulding. ALWAYS start installing moulding behind a door or at an inconspicuous corner, because the repeat pattern of your last joint will most likely NOT match at the joint.
- 2 Cut all mitered joints and butt joints before you install to insure good joint match.
- 3 Apply a 1/4" continuous bead of construction adhesive along the backside top and bottom edges of moulding [J] and at butt and mitered joint ends. Use adhesive to fill any gaps. Gently press the moulding into place and secure using finishing nails. Apply caulk to moulding edge as needed and smooth excess caulk with your finger or putty knife, giving the appearance of the moulding being part of the wall [K]. Wipe any excess adhesive from edges and clean with mineral spirits.
- 4 Option: You may want to tack or secure moulding into place using finishing nails. If you want to remove nails after construction adhesive dries, leave approximately 1/2" nail exposed for easy removal. TIP: Nail moulding in ornamentation areas of moulding into wall. When adhesive dries (approx. 2-3 hours) either remove finishing nails or use nail set to countersink nails, making sure that nails penetrate wall at least 1/2" to 3/4".
- 5 Fill nail holes with elastomeric adhesive/caulk - smooth the surface with your finger or putty knife. Once caulk is dry and if needed, *lightly* sand any rough spots with extra fine sandpaper.
- 6 Paint or touch up moulding with paint as needed.



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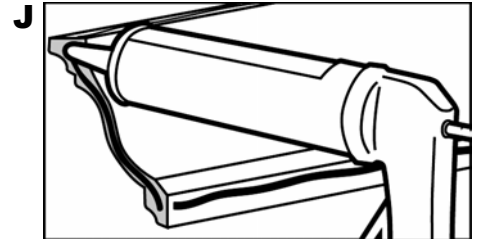
FORMAFLEX™ CONTOUR MOULDING - 3 INSTALLATION INSTRUCTIONS



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Always Follow These Safety Suggestions

- 1 Follow good construction practices.
- 2 When using power tools, adhesives and finishing materials (such as paint or stain), be sure to follow manufacturer's instructions.
- 3 Always wear safety goggles when using a power tool or hammer.
- 4 Always use the right tool and/or equipment for the job.



Apply continuous bead of adhesive to bedding edges and butt or miter joints of moulding



Apply paintable caulk to edges

Century Formaflex contour mouldings function as decorative elements only, and are not designed to support electrical fixtures or provide any load bearing capacity.

Century Architectural Specialties shall not be responsible if any failure to comply with these installation instructions results in the products failing to perform the purpose intended.

Warranty

Century Architectural Specialties warrants all its products to be free from manufacturing defects for a period of three (3) years from date of purchase. This warranty does not include damage or other problems resulting from improper installation, misuse or normal wear and tear. Century's liability is limited to product replacement cost. It does not include freight or handling expenses, installation cost or any other costs or expenses incurred in connection with the purchase or use of our products.

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