

CHAIR RAIL & FRIEZE MOULDING INSTALLATION INSTRUCTIONS



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Made from high-density furniture grade polyurethane, chair rails and frieze mouldings are exquisitely detailed from handcrafted molds insuring a quality product every time. All moulding is pre-primed and can be finished with either latex or oil base paint.

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 1/2" to 3/4" inches.
Extra fine sandpaper

Planning Your Space

- 1 When creating chair rails or friezes it is important to establish a plan for the layout.
- 2 Chair rails are typically installed 1/3 up from the floor [32" to 36"]. Frieze moulding is typically installed just below cornice moulding or a few inches below ceiling like a border, which can help reduce the scale of high ceiling rooms.
- 3 Start by measuring your room to determine linear footage of moulding needed. Add 10% of total length for miter waste.
- 4 Divide total linear feet by moulding lengths. For example: if moulding comes in 8-foot lengths, divide total linear feet by 8.
- 5 Round up the number of lengths needed to determine total number of moulding lengths you will need to purchase.
- 6 You may also want to consider adding additional length to your purchase to "match the pattern" of moulding, ensuring a consistent appearance. For moulding with repeats greater than 6" add 15% to total length. All Century moulding repeats will match exactly.
- 7 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

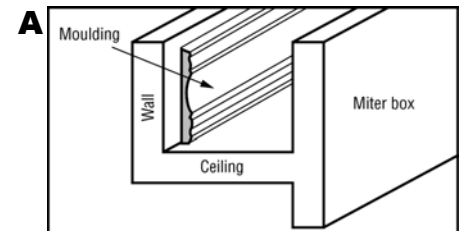
- 1 Clean all surfaces free of dirt and loose particles with a clean cloth or sponge.
- 2 Make sure area is completely dry before installing product.

Mitered Corner Installation

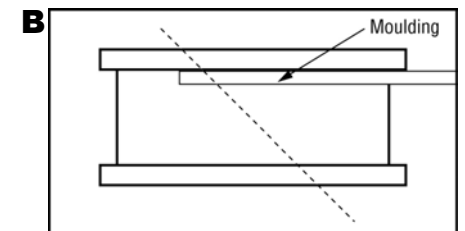
- 1 The key to successful mitered corners is placing the moulding correctly in the miter box or power saw fence/rail.
- 2 Chair rail and frieze mouldings are flat and should be placed in the box so that the bedding edge of the moulding lies against the side of the miter box opposite you [A].
- 3 Cut 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

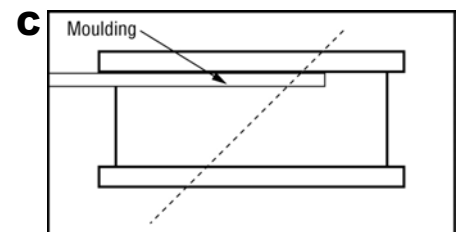
- 1 Take two pieces of moulding that will be used for your first inside corner.
- 2 Place the "left" length of moulding in box as described above and cut 45° mitered corner - your saw should point **left** [B].
- 3 Next place the "right" length of moulding in box - before cutting note moulding pattern 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 to back of miter box



Left inside corner miter



Right inside corner miter

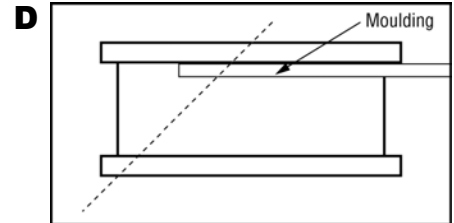
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CHAIR RAIL & FRIEZE MOULDING INSTALLATION INSTRUCTIONS

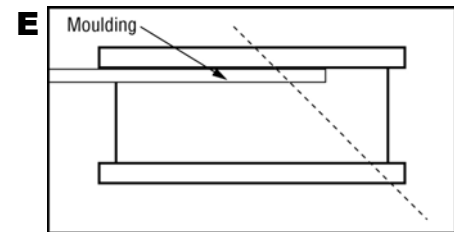


Mitering Outside Corners

- 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.



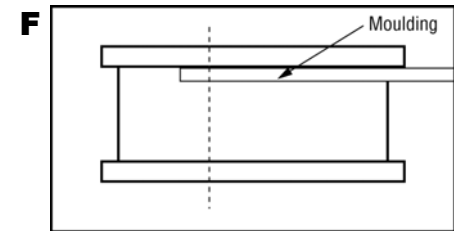
Left outside corner miter



Right outside corner miter

Butt Joints

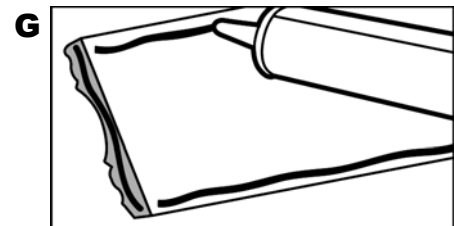
- 1 When moulding lengths do not span the entire length of a room, you will need to "butt joint" two moulding lengths together.
- 2 The repeat pattern on every piece of moulding will match exactly except when you cut the moulding. Match moulding repeat pattern to cut pieces of moulding.
- 3 Lay the moulding in the miter box the same as described above and cut a straight edge [F].



Straight edge cuts - butt joint

General Installation

- 1 First mark the entire length of wall around the room with your chalk line box and pencil. You will mark the top edge of the chair rail or the bottom edge of the frieze. 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 Apply a 1/4" continuous bead of construction adhesive along the backside top and bottom edges of moulding [G] and at butt joint ends. Use adhesive to fill any gaps. Gently press the moulding into place. Apply caulk to moulding edge and smooth excess caulk with your finger or putty knife, giving the appearance of the moulding being part of the wall. Wipe any excess adhesive from edges and clean with mineral spirits.
- 3 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 components 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".
- 4 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.
- 5 Paint or touch up moulding with paint as needed.



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

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.

Century 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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