

# PANEL MOULDING & FRAMING CORNERS INSTALLATION INSTRUCTIONS



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

Ceilings and walls come alive with panel mouldings and framing corners from Century. Add that special architectural detailing to traditional and contemporary homes. Made from high-density furniture grade polyurethane, these finishing touches are exquisitely detailed from hand-crafted molds insuring a quality product every time. Every component can be finished with either latex or oil base paint.

## Tools & Materials You Will Need

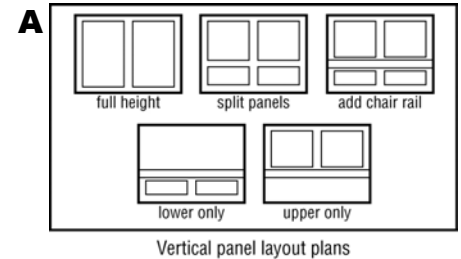
Sponge or clean cloth  
Caulking gun  
Elastomeric adhesive caulk (White Lightning 3006 recommend)  
Miter box and handsaw or power miter saw  
Circular saw or carpenter's saw  
Chalk line box and pencil  
Level

## Optional Tools & Materials

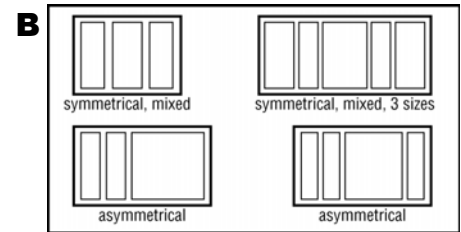
Putty knife  
Hammer and nail set  
6d or 8d finishing nails (bright finish or electro-galvanized) fasteners must penetrate substrate a min. of 1/2" to 3/4" inches.  
Extra fine sandpaper

## Planning Your Space

- When creating wall or ceiling panels, it is important to establish a plan for the layout of the panels and corners.
- Look at your overall room space and ask yourself. Where will the furniture and artwork be placed? Do you want full panels, split panels, do you want to add a chair rail? And, consider where doors and windows are placed.
- Determine what layout you wish to install from the plans below (A & B). Start by planning your feature wall first, then the remaining walls [if applicable]. Note panels may consist of mixed sized panels or symmetrically sized panels.
- Typical spacing: spacing should be consistent throughout room:
  - between the panels, doors, windows and room corners - 3-1/2 inches to 6 inches
  - above and below chair rail - 1/2 to 1 inch
  - above the baseboard and below ceiling or ceiling moulding - 3-1/2 inches to 6 inches
- 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 10% to total length.
- ALWAYS store moulding in a dry well-ventilated, low-humidity area. NEVER store moulding outdoors.



Vertical panel layout plans



Horizontal panel layout plans

## Before Installation

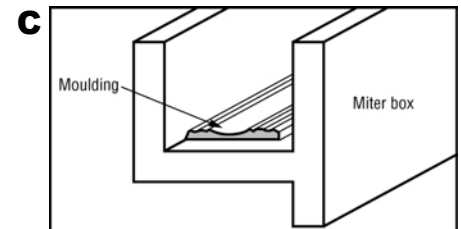
- You can finish [paint or faux finish] components before or after installation.
- After installation touch-up any area as needed.
- Place moulding in room for 48 to 72 hours before installation to allow moulding to adjust to temperature and humidity levels of room.

## Surface Preparation

- Clean all surfaces free of dirt and loose particles with a clean cloth or sponge.
- Make sure area is completely dry before installing product.
- Measure and mark the location where you want to install the product.

## Panel Moulding & Framing Corner Preparation

- Panel mouldings and framing corners can be installed with either butt cut joints or mitered joints. See steps following on how to cut miters and butt joints. On many framing corners you can cut a mitered corner off the corner as well as cut a mitered corner off the panel moulding, giving your panels a cleaner appearance.
- Next trim ends of each framing corner [1/2" to 1"] with either a butt cut or miter cut. **Make sure you cut ends straight and match decorative repeat pattern!**



Place moulding on bottom of miter box

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## Panel Moulding & Framing Corner Preparation - continued

- 3 Cut all moulding and corners. Assemble pieces on floor - decorative side up. Make sure pieces fit tight and are squared. Make any adjustments by further trimming edges.
- 4 With moulding sections on floor, re-measure panel sections to insure all panels are correct.

## Installation With Mitered Corners

- 1 The key to successful mitered corners is placing the moulding correctly in the miter box or power saw fence/rail.
- 2 Panel mouldings are flat and should be placed in the box so that the bedding edge of the moulding lies against the bottom of the miter box [C].
- 3 Cut all miters and butt joints before you install moulding. To miter corners, use either a miter power saw or a handsaw and miter box.

## Mitering Corners

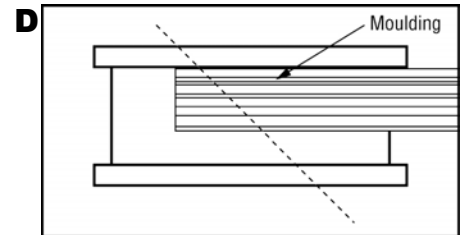
- 1 Take the top piece of panel moulding that will be used for your first mitered corner.
- 2 Place the "left" length of moulding in box as described above and cut 45° mitered corner - your saw should point **left** [D].
- 3 Next place the "right" length of moulding in box - before cutting note moulding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

## Butt Joints

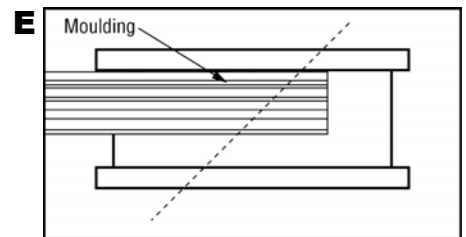
- 1 When installing panel mouldings with butt joints, lay the moulding in the miter box the same as described below in Miter Installation and cut a straight edge [F].
- 2 Note the pattern on the cut moulding and adjust the pattern on next length of moulding when cutting to insure pattern continuity

## General Installation

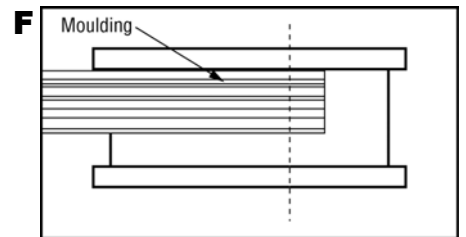
- 1 Lay the components face down on a surface that will not mar the product face, such as a clean cloth. Start with the top piece of moulding.
- 2 Apply a 1/4" continuous bead of construction adhesive along the backside top and bottom edges of moulding and corners [G] and at butt joint and mitered ends. Use adhesive to fill any gaps. Gently press the top-moulding piece into place and make sure it is level. Then continue working clockwise. Apply caulk to edges as needed and smooth excess caulk with your finger or putty knife, giving the appearance of being part of the wall [H] and wipe any excess adhesive/caulk from edges and clean with mineral spirits.
- 3 Option: TIP: You can tack pieces into place using a nail in the center of moulding or corner, and adjust pieces as needed. If you want to remove tacked nails after adhesive/caulk dries, leave approximately 1/2" nail exposed for easy removal. TIP: Nail moulding in ornamentation areas of moulding into wall. When adhesive/caulk 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 adhesive/caulk - smooth the surface with your finger or putty knife. Once caulk is dry and if needed, *lightly* sand any rough spots with fine sandpaper.
- 5 Touch up components with paint as needed.



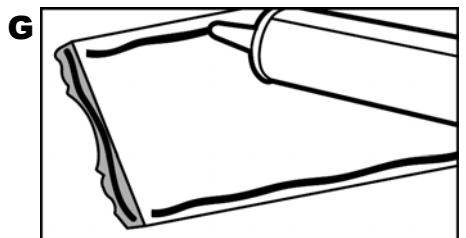
Right side of corner



Left side of corner



Straight edge cuts - butt joint



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

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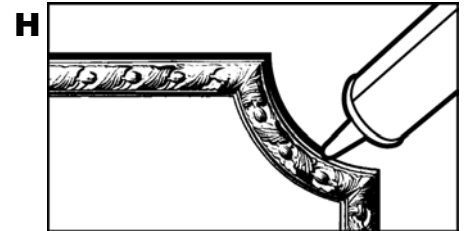
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## Always Follow These Safety Suggestions

- 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 paintable caulk to edges

Century panel mouldings and framing corners 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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