

ENDURACORE SHUTTERS

SAFETY INSTRUCTIONS

Make sure to use the correct tools recommended.

Wear safety goggles.

Follow fixture, power tools, and paint manufacturers' instructions and users manuals.

Use common sense and follow good construction practices.

TOOL & MATERIAL CHECKLIST

- ☐ Electric drill
- ☐ 1/8" drill bit
- ☐ Exterior grade screws
- ☐ Caulk gun
- ☐ Putty knife
- ☐ Acrylic caulk
- ☐ Construction adhesive
- ☐ Ladder

IMPORTANT INFO

- It is highly recommended that you paint or finish the panels before installation with 100% acrylic paint.
- Must allow space above and below for shutters to expand and contract with temperature.
- Do not over-tighten fasteners to avoid bowing.
- Hardware not included, must purchase separately.
- If painted a dark color and in direct sunlight, additional installation measures should be taken.
- For additional strength, use construction adhesive if installing shutters on a flat surface.
- Store shutters flat until installation.
- Disclaimer: Ekena Millwork is not liable for paint used on unfinished EnduraCore shutters and/or the results of its use.

INSTALL INSTRUCTIONS:

A.) FIXED MOUNT BRACKET INSTALLATION

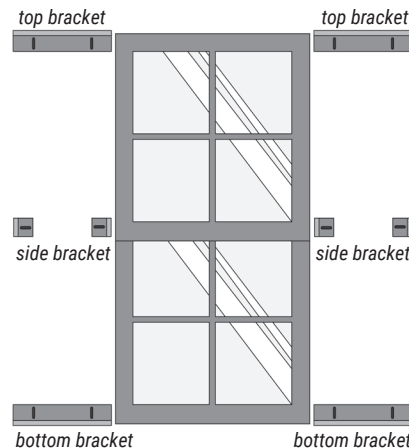
1. Determine the position for the mounting brackets by matching up the top and bottom of the shutter with the window and mark its position.
2. Using a level set the bottom bracket in place and fasten using the correct screws for your installation surface. (Note: At this point it is recommended you place the shutter in place and double check your marking for the top bracket.)
3. Using a level set the top and middle bracket in place and fasten using the correct screws for your installation surface.
4. Set the shutter in place, mark the position of the holes on the shutter. Remove the shutter and drill pilot holes using a 1/8" bit.
5. Place the shutters back in place and fasten the shutter in place using screws being sure not to over-tighten the screws.

B.) FUNCTIONAL HARDWARE

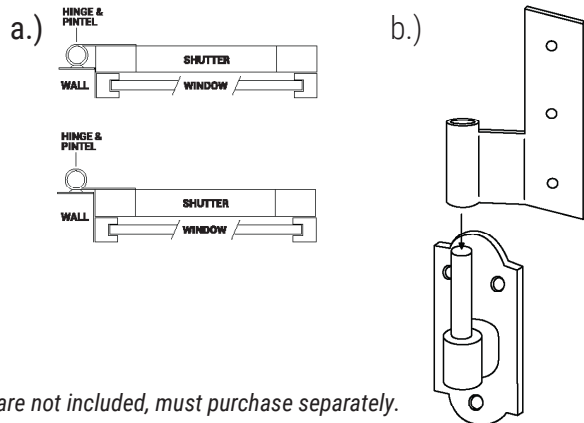
1. Hold shutters in place in the window opening.
2. Using shims center the shutter in the opening to create a 1/4" gap around all four sides of the shutter, and 3/8" gap between the center of the two shutters.
3. Determine where the hinges will be installed on the shutter and mark the holes with a sharpie remove hinges and drill pilot holes. Fasten the hinges using the pilot holes.
4. Slide the pintels into place with rod facing upward mark the holes, remove the pintels, and drill pilot holes. Fasten the pintels into place using the pilot holes. Diagram (b)
5. Note: It is recommend that functional shutters are installed so that they lay flush against the window when in the closed position. See Diagram (a)

EXAMPLE DIAGRAM:

A.) FIXED MOUNT BRACKET INSTALLATION



B.) FUNCTIONAL HARDWARE



Hardware not included, must purchase separately.

