



Standard Brighton C-mull instructions

Installer:

- **Read these instructions completely before starting any installation.** Failure to install and maintain our product according to these instructions will void any warranty, written or implied.
- For installation using other construction methods, such as remodeling, replacement, and recessed openings refer to "ASTM E2112-01, Standard Practice for Installation of Exterior Windows, Doors, and Skylights," for installation suggestions. Information for ASTM E2112 can be found on the ASTM website, www.astm.org.
- The installer is responsible for consulting the contractor, structural engineer, architect, or consumer, for proper installation according to local codes and/or ordinances.



Warning:

- Proper eye and hearing protection must always be worn when installing, removing or performing adjustments to Quaker window and door products.
- Use power tools properly! To avoid personal injury, always follow manufacturers' instructions for safe operation of power tools.
- If broken, glass can fragment causing injury. All Quaker products are available with safety glass. In many areas, local building codes require safety glass in certain locations and/or applications. Unless Quaker's stipulations dictate safety glass or safety glass is specifically ordered, Quaker windows are not provided with safety glass. Before installing, Quaker recommends consulting local building codes for more definitive information.

Caution:

- Lead-based paint may be present in older homes, and the removal of windows may cause this paint to be disturbed. In order to minimize exposure to lead-based paint dust, please consult www.epa.gov/lead.
- Care must be taken to properly recycle or dispose of old materials. Any recyclable materials should be separated from non-recyclable or hazardous materials. Please consult with local or state authorities regarding proper disposal of non-recyclable or hazardous materials.
- Some codes require the use of pressure treated lumber to line rough openings. Corrosion resistant materials, such as stainless steel or hot-dip galvanized steel, must be used for fasteners and anchors having direct contact with pressure treated lumber.

Important:

- Quaker reserves the right to change the information contained in these guidelines without notice.
- Maintain a minimum of ¼" between the exterior window frame and any trim, siding or masonry to allow for expansion.
- Window nailing flanges and drip caps (integral or applied) do not take the place of window flashing. All windows and doors must be properly flashed and sealed around the perimeter.
- Use of Quaker products in barrier EIFS systems (synthetic stucco) is not recommended. To do so will void all warranties (written or implied) and Quaker Window Products Co., Inc. will not be held responsible for any claims or damages resulting from water infiltration.
- Do not drill through window sill to install alarm wires.
- If using muriatic acid or brick wash cleaning solutions, please follow the manufacturer's instructions found on the product label or on the manufacturer's website.

Handling and Storage:






- Do not store units outside, or in a hot environment.
- When carrying window, always keep it in a vertical position. **Do not carry flat**, doing so could result in damage to the unit.
- Stack units as straight as possible to avoid bowing. Do not lay flat!

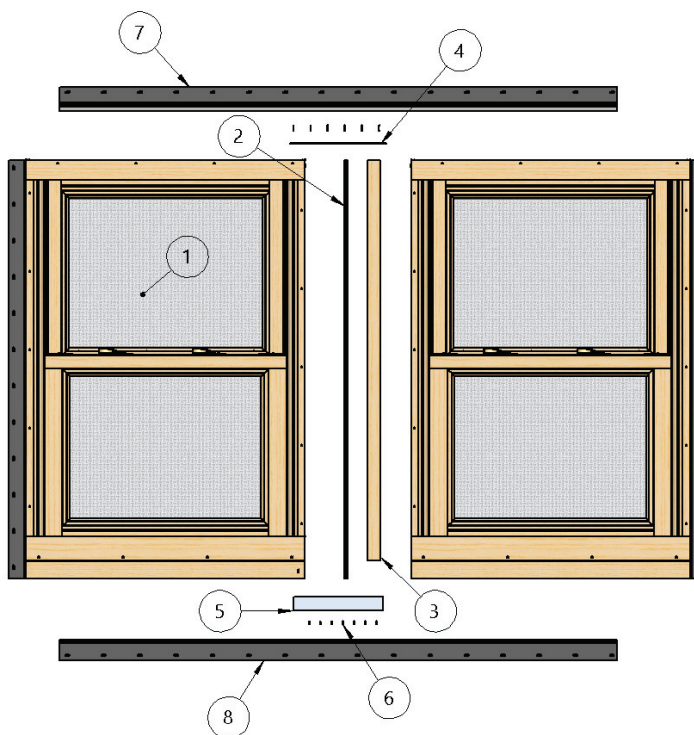
Materials required by installer








- Silicone Sealant
 - 100% silicone (C920)
 - Verify sealant is compactable with all material it contacts.

Required parts needed

Tools required by installer

- Hearing protection 
- Safety glasses 
- Utility knife 
- Rubber mallet 
- Caulk gun 



Parts Identification List				
Image	Item No.	Description	Color / Finish / Size	QWP Part #
	1	Windows to be mulled		
	2	C-mull key	Full length of mulled units	M14441
	3	Wood interior trim	9/32" x 1 1/8"	268SP
	4	Top mending plate	8 1/4" x 3" x .062"	
	5	Bottom mending plate	7 3/4" x 1 1/4" x .062"	
	6	Fasteners	Staples or screws	LO8BAB
	7	Top nail fin	Full length of mulled units	PP1488
	8	Sill nail fin	Full length of mulled units	PP1249



Step 1: Preparation

- Remove any shipping packaging, or factory applied bracing. Make sure the unit is not damaged and the dimensions are appropriate for the rough opening. Check to see that your units mulled together will fit your rough opening by adding the total width or height of each unit plus 1/16" for the mull key.

Step 2: Nail fin removal

- Lay the units down on a drop cloth or cardboard in the order they are to be mulled with exterior side up. (Fig. 1)
- Remove the nailing fin from each unit where the mull will connect them, as well as the head and sill fins if horizontal mulling. Remove fins by pulling them out of slot and dispose properly. Head and sill fins will be replaced with full length pieces. (Fig. 2)



Fig. 1

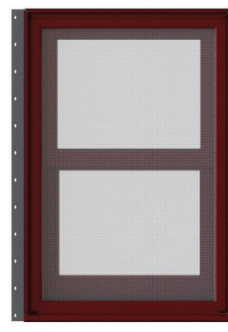
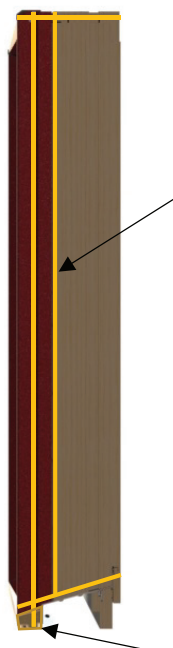


Fig. 2



Step 3: Sealant

- Place two continuous beads of silicone down the entire side of one window to be mulled. Place another bead of silicone at the head and sill of mullion jamb the full width of frame (Fig. 3)
- Place the windows together and add a small amount of silicone at the top and bottom of the mull channel before driving in the mulls. (Fig. 4)



Yellow lines represent sealant.

Make sure to seal over the entire end cap plug.

Fig. 3

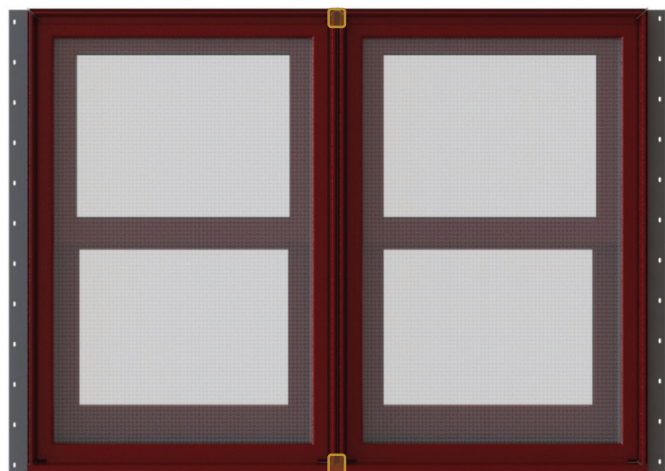


Fig. 4

Step 4: Mull keys & mending plates

- Cut the C-mull keys to the length of the unit (width or height) to be mulled.
- Install the mull key about 2" into the slots and hammer flush with rubber hammer. (Fig. 5)
- Once the mull key is seated you can slide it the full length of the mullion until flush with exterior of unit. You may need to use a block of wood at the end of mull key to drive it the length of the mull.
- Make sure units are lined up in plane and flush before installing mending plates.
- Install mending plates at the head and sill using staples or screws. (no longer than ¾" on direct set units) (Fig. 6)

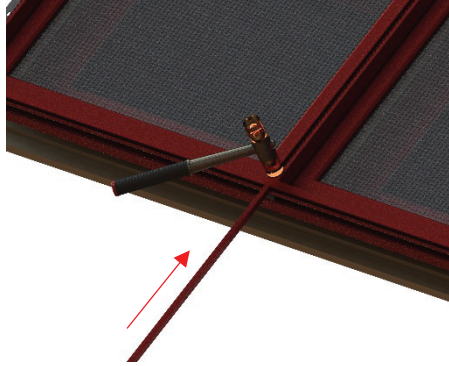


Fig. 5

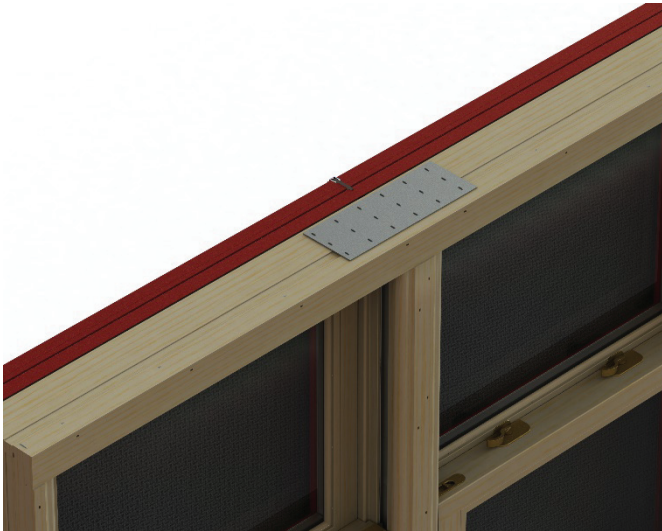


Fig. 6a

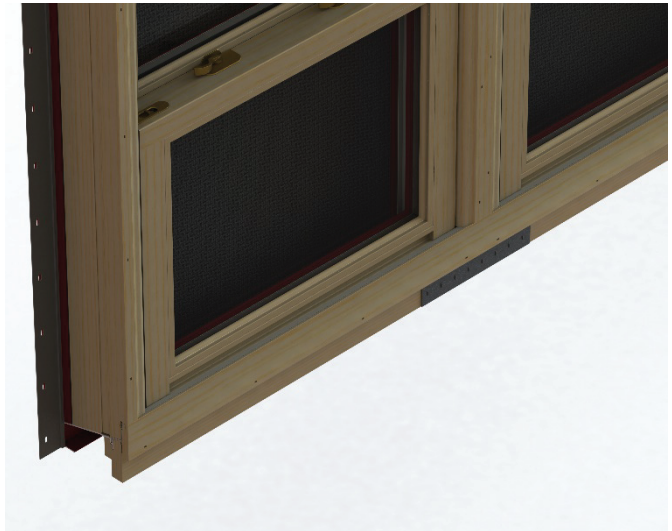


Fig. 6b



Step 5: Sealing and finish trim

- Seal both ends of the mull gap with silicone. (Fig. 7)
- Apply interior trim strip to cover interior mull gap (Fig. 8)
- Install new head and sill full length nail fins. (Fig. 9)

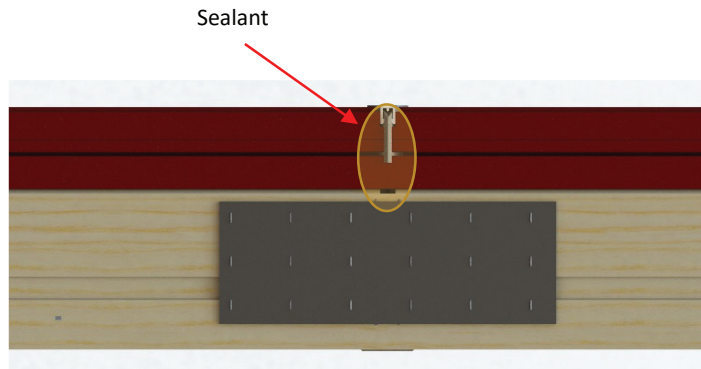


Fig. 7

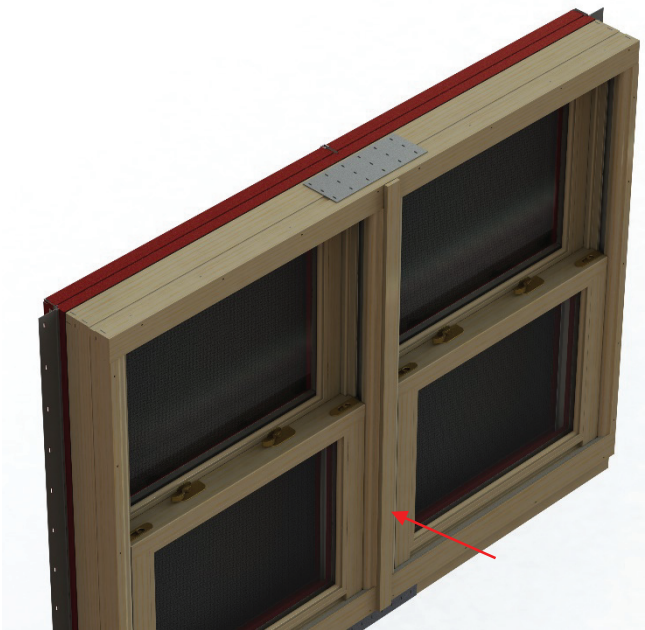


Fig. 8



Fig. 9

Care and Use

An inspection of your windows should be made annually. Visit the Quaker website <http://quakerwindows.com/wp-content/uploads/2013/05/Quaker-Window-Care-Maintenance.pdf> or contact your local independent Quaker distributor for information on the care and use of your product. Ask for the Window Care & Maintenance Guide.