



PO Box 128

| 504 Highway 63 South

| Freeburg, MO 65035

| 800-347-0438

| 573-469-4151 (fax)

Installation Guidelines for field applied standard C/W 200 C-mullion

Read these instructions completely before starting any installation. Failure to install and maintain our product according to these instructions may void any product warranty. Please visit our website at www.quakerwindows.com or call 1-800-347-0438 for additional information.

Tools required by installer:

Safety Glasses



Utility Knife



Drill/Driver



Caulk Gun



Rubber Mallet



Tape Measure



Materials required by installer:

Fasteners



Sealant

Foam Backer rod
Or 2" foam

IPA alcohol



Materials required by installer:

C-mull key
(M25149)Interior Clip
(M25407)Interior Clip Cover
(M25408)

WARNING

Tools

- Follow manufacturer's instructions for safe operation of tools, and ladders/scaffolding. Always wear safety glasses. Failure to do so could result in injury, product or property damage.

Handling

- Do not store units outside, or in a hot environment. Doing so could result in product damage.
- Do not carry flat.** Doing so could result in product damage, injury, or property damage.
- Stack units as straight as possible to avoid bowing. **Do not lay flat!**

Glass

- 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 safety glass is ordered, Quaker windows are not provided with safety glass. Before ordering, consult your local building codes for more definitive information.

Fastening

- Metal fasteners and components could corrode when used with preservative-treated lumber. Use approved fasteners and components to fasten window or door. Failure to do so could cause a failure resulting in injury, product or property damage.
- Fastener must attach to a structural framing member with 1 1/2" minimum fastener embedment, or minimum 3 full threads with a minimum 5/16" head as products were tested with.
- Quaker does not supply anchorage/fastener calculations, and is not responsible for determining structural adequacy of the anchorage and fasteners used to install our products, or the openings into which they are installed.**
- Do not** over drive screws or nails. Doing so could result in product damage.

CAUTION**Installation**

- Always support window or door in opening until fully fastened. Failure to do so could result in the window or door falling out or causing injury, product, or property damage.
- 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 with material compatible sealant for protection against water and air infiltration around the entire perimeter. Failure to do so could result in product or property damage.
- **Do not** set window directly on sill plate. Place shims under the side jambs. Window or door must be properly shimmed. Failure to do so could affect operation and product performance and could result in product damage.
- Live or dead loads transferred into our product can affect functionality, damage frame joinery or cause glass failures. Dead loads such as upper levels, roof, etc. Should be constructed before window or door is installed.
- Loads shall be designed to withstand the most critical effects of load factors and load combinations as required by the building code. (Loads are including but not limited to Live, Dead, Collateral, Auxiliary, Thermally induced, Seismic, etc.)
- Maximum vertical deflection of the header under all Load combination should not exceed the Span/720 or 1/4" whichever is less.
- Windows and doors have small parts. Small parts if swallowed could pose a choking hazard to young children. Dispose of unused, loose, or easily removed small parts. Failure to do so could result in injury.
- **Do not** drill through or into window sill to install alarm wires.

Sealing

- Follow instructions of foam, sealant, and flashing manufacturers regarding safety, material application, compatibility, and periodic maintenance for continued weather resistance of their products. Failure to do so could result in product or property damage. **DO NOT** overfill between the frame and opening.
- Minimally expanding foam insulation must be compliant with AAMA 812-19.
- Quaker recommends 100% silicone (ASTM C920 compliant) neutral cure only sealant. Always clean all areas where sealant will be applied. Failure to do so could result in product or property damage.
- Flashing tape must meet ASTM-D779 performance requirements.
- Maintain a minimum of 1/4" between the window or door frame and exterior finish materials. Failure to do so could result in product or property damage.

Joining

- Do not join any window or door to any window or door not designed for joining. Joined windows and doors must be individually supported in the opening. Failure to do so could affect operation and product performance and could result in product or property damage.

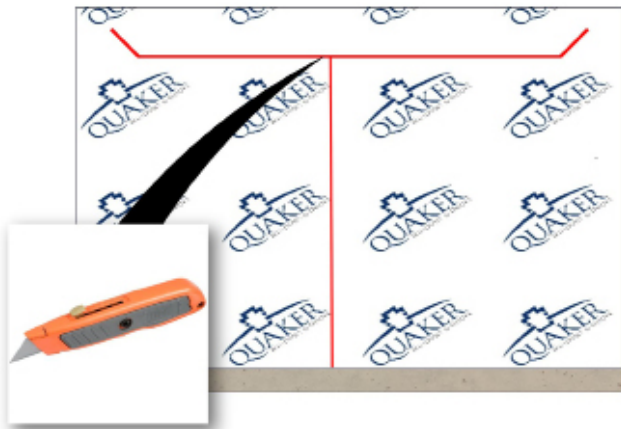
Cleaning

- Acid solutions used for cleaning will damage glass, fasteners, hardware, and metal flashing. Protect these products and follow cleaning products manufacturers instructions. If acid contacts the window or door, wash all surfaces immediately with clean water.
- **Do not** use razor blades to clean glass surface. Glass damage could result.
- Clean glass using liquid glass cleaner.
- Clean frame, sash, panels, and insect screens using mild detergent and warm water with a soft cloth or brush.

IMPORTANT

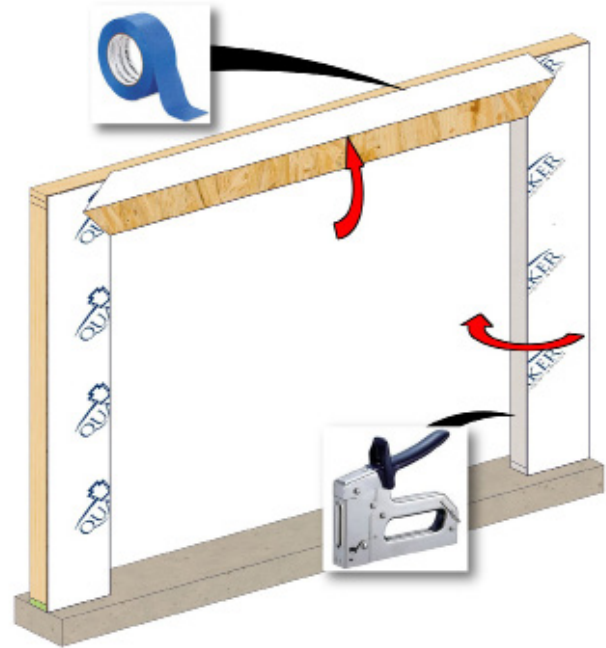
- Buildings constructed prior to 1978 could contain lead paint which could be disturbed during window or door replacement. For more information on proper management of lead paint, go to: www.epa.gov/lead
- Care must be taken to properly recycle or dispose of old materials. Any recyclable materials should be separated from non-recyclable or hazardous materials. Please consult with local or state authorities regarding proper disposal of non-recyclable or hazardous materials.
- These are generic instructions intended to cover most common situations, which may not be appropriate for all installations due to building design, construction materials, or methods used and/or building or site conditions. Consult a contractor or architect for recommendations.
- Inspect all units for any damage or defects prior to installation. Contact the nearest Quaker distributor if there are any problems.

1



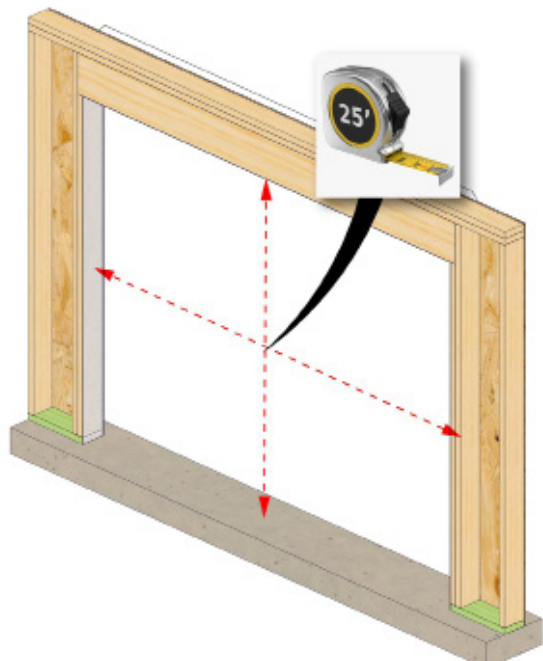
Apply the house wrap according to the manufacturer's instructions and cut T-pattern opening as shown above. Cut top flap angles at 45 degrees and 1" longer than the width of flashing tape being used.

2



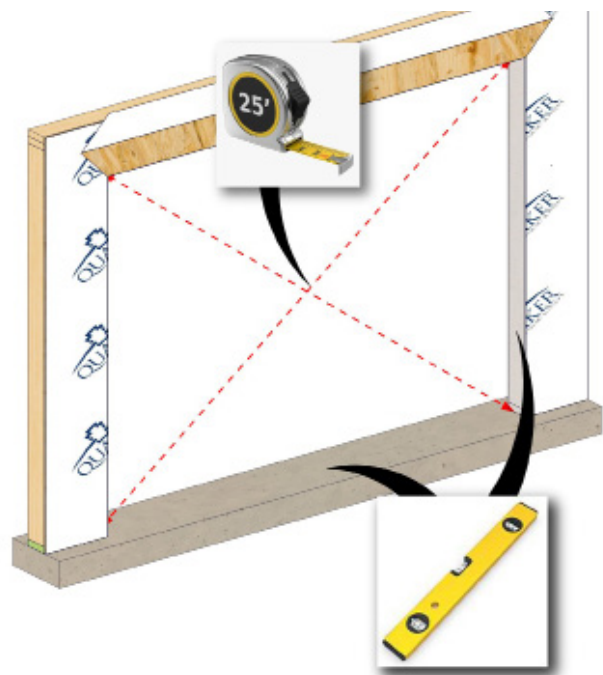
Fold the house wrap around the jambs to the interior and staple it to the interior framing. Fold the house wrap flap up and temporarily tape it in place.

3



Measure and verify the rough opening is sized correctly. The rough opening should be $\frac{3}{4}$ " wider and $\frac{1}{2}$ " taller than the unit. Allow additional space for flashing thickness, installation clips, joining components, and their fasteners.

4



Check that the opening is square. The diagonal measurements need to be within $\frac{1}{8}$ " of each other. Verify the rough opening is plumb and level.



The sill plate beneath the unit must be level for proper unit operation.

Transoms must be fully secured to the structure. The swing and sliding door heads are not load bearing.

Mulling outside the opening

To mull the units together outside of the opening follow the steps below.

Mulling inside the opening

Start on one side of the opening and work your way to the other side.

Follow the same procedure below.

5



QWP part # IG-085

Installation Guidelines for C/W 200 Sliding Door.

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| Tools required by installer: | | Materials required by installer: | |
|------------------------------------|-----------------|----------------------------------|--|
| Safety Glasses | Utility Knife | Foam Backer Rod | Minimally Expanding Spray Foam |
| Drill/Driver | Caulk Gun | Stems (waterproof) | C920 Silicone |
| Level | Tape Measure | Flashing Tape (Self-Adhering) | Water Resistant Barrier/House Wrap (WRB) |
| Hammer | J-Roller | Fasteners | IPA Alcohol |
| Putty Knife | Staple Gun | | Sill Pan |
| Phillips #2 Screwdriver - 7" Shank | Hand Clamp | | |
| Metal Chop Saw | #2 Square drive | | |

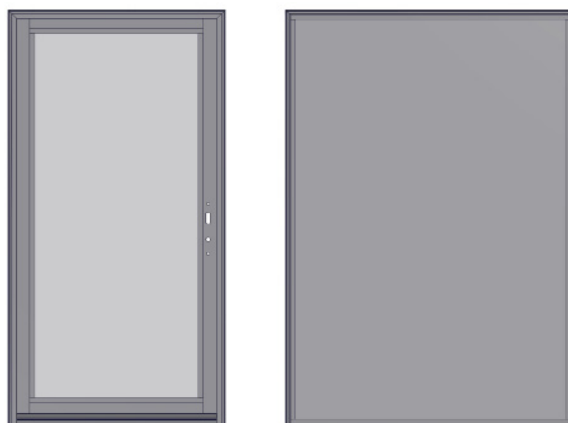
WARNING

- Tools**
- Follow manufacturer's instructions for safe operation of tools, and ladders/scaffolding. Always wear safety glasses. Failure to do so could result in injury, product or property damage.
- Handling**
- Do not store units outside, or in a hot environment. Doing so could result in product damage.
 - Do not carry flat. Doing so could result in product damage, injury, or property damage.
 - Stack units as straight as possible to avoid bowing. Do not lay flat!
- Glass**
- 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. Quaker door products are provided with safety glass per industry standards. Consult your local building codes for more definitive information.
- Fastening**
- Metal fasteners and components could corrode when used with preservative-treated lumber. Use approved fasteners and components to fasten window or door. Failure to do so could cause a failure resulting in injury, product or property damage.
 - Fastener must attach to a structural framing member with 1 1/2" minimum fastener embedment, or minimum 3 full threads with a minimum 3/16" head as products were tested with.
 - Quaker does not supply anchorage/fastener calculations, and is not responsible for determining structural adequacy of the anchorage and fasteners used to install our products, or the openings into which they are installed.
 - Do not over drive screws or nails. Doing so could result in product damage.
- Notice**
- The suggested overhang of the structure should match the height of the unit being installed.

1 Quaker reserves the right to change the information contained in these guidelines without notice. 10/3/2023 V. 1.3

If installing a transom or sidelight to a sliding door, refer to the IG-085 (sliding door installation guide) to build the frame.

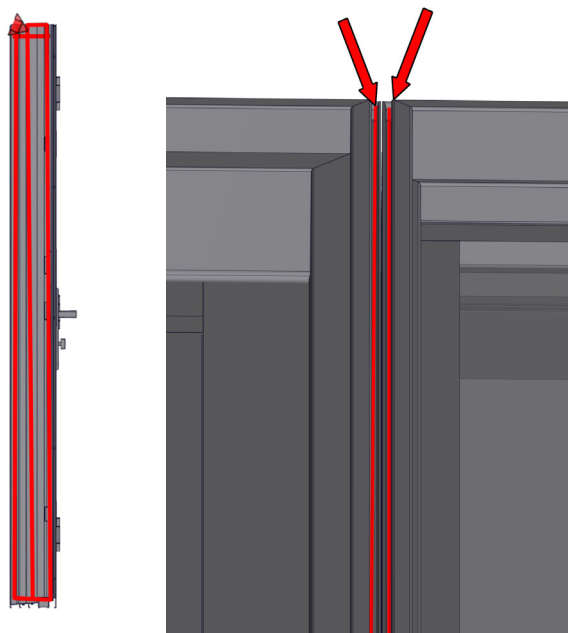
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Mulling Sidelights to Swing and Sliding Doors

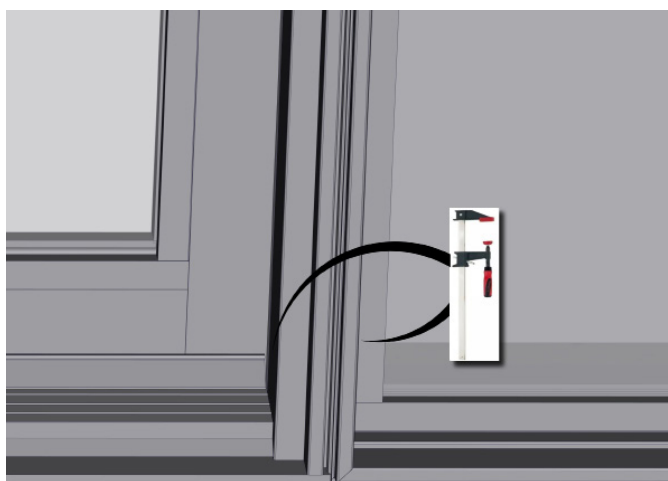
Lay the units down on a drop cloth or cardboard in the order they are to be mulled with exterior side up. Remove the nailing fin from each unit where the mull will connecting them, if not done at factory.

7



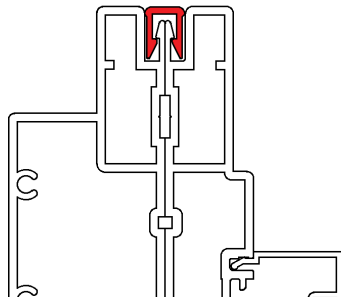
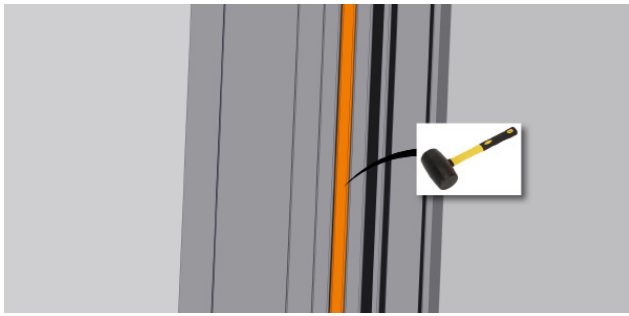
Apply silicone to the connecting sides of the unit. Run 3, 3/8" beads of silicone along the mulled side of the unit, also run a bead of silicone down each c-mull track that will be joined together.

8



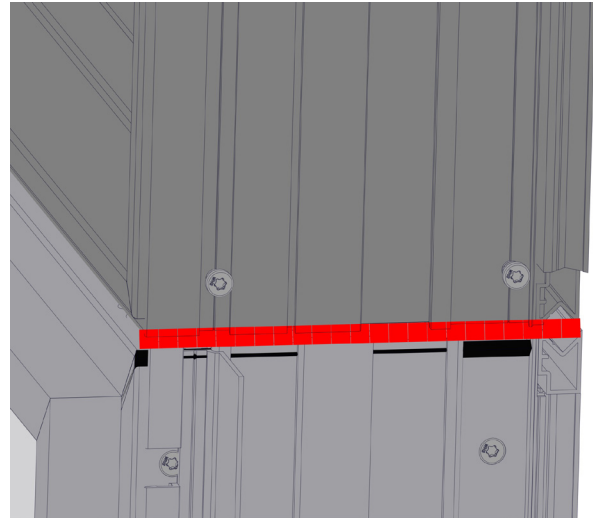
Place the units together making sure they are flush and level. Apply a hand clamp to keep the units together.

9



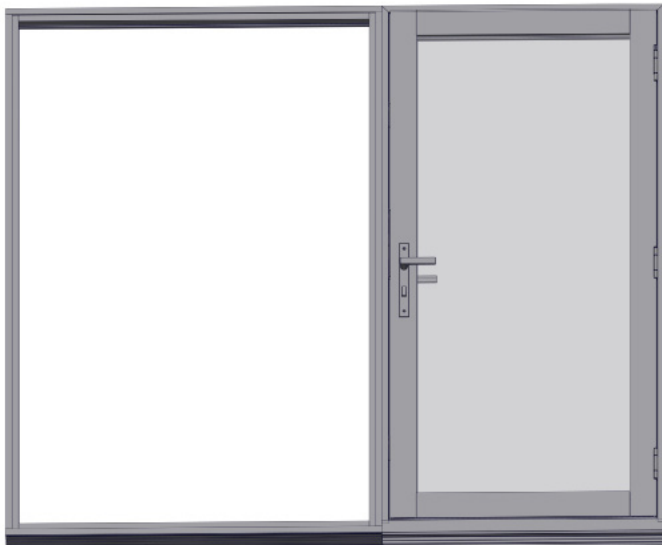
Cut the C-mull keys to the length on the exterior side of the unit. Install the mull with a mallets by tapping the mull key into the tracks. This will lock them together as shown above. You may need a block and hammer to drive the mull key in place.

10



Cover the joint at the head and sill with sealant and tool flat as shown above.

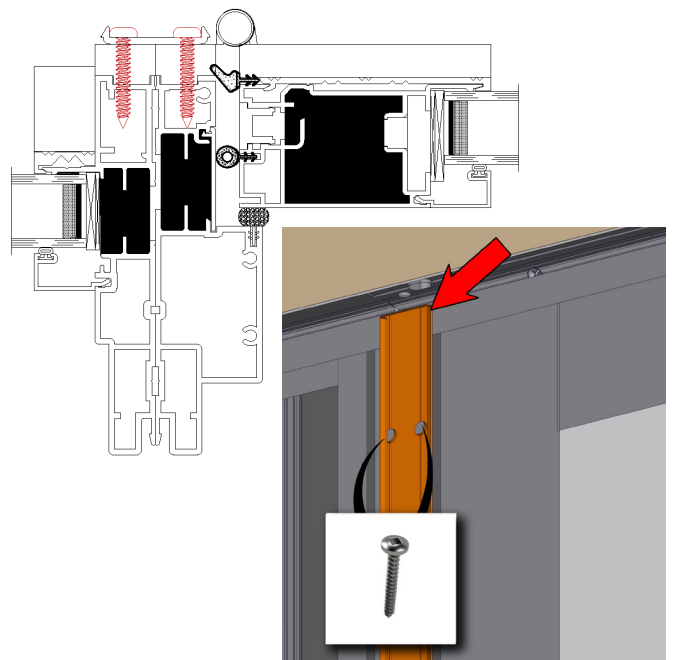
11



Fully support and carefully flip the unit over to install the interior mull.

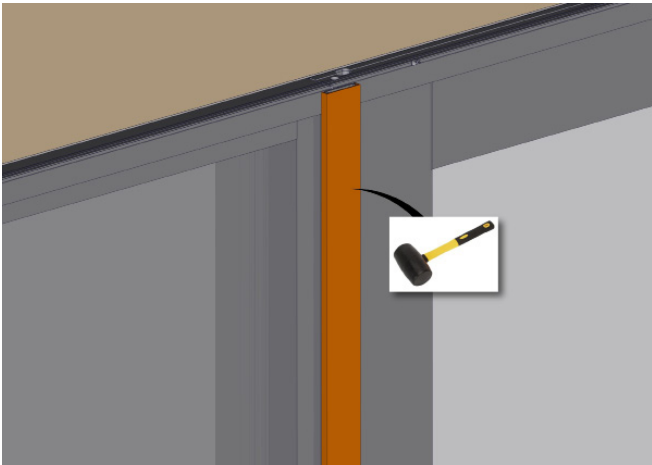
NOTE: DON'T CARRY HORIZONTALLY UNDER ANY CIRCUMSTANCE

12



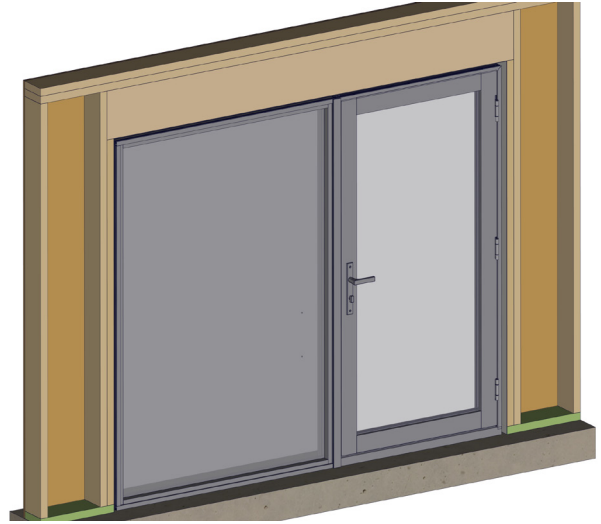
Place the interior mull (Die #: M25407) on to the face of the door. Drill a hole $11/64$ " hole through the wood and the aluminum leg. Drill a hole in each die line, 3" from each end and then 16" on center, as shown above. Then install fasteners (Part #: 0171859).

13



Take the interior mull cover (Die #: M25408) and snap it over the interior mull to cover fasteners.
FOR WOOD USE MULL COVER (BRS-9478)

14



Install the mulled unit per standard installation guides.
Swing door refer to IG-084.
Sliding door refer to IG-085



QWP part # IG-080

Installation Guidelines

For field applied standard C/W 200 C-Mullion

If this set of instructions doesn't match your installation method or wall conditions please check our website listed below for other options, or call the office.

Scan here for a digital version of these guidelines in English



Scan here for a digital version of these guidelines in Spanish



Or go to: <https://www.quakerresidentialwindows.com/professionals/installation-instructions-spanish/>

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