



Window Glass Replacement

Job Aid for Repair/Replace Cracked or Broken Glass Badge

Aligns With Standard Work Specifications 3.0201.1, 3.0201.4



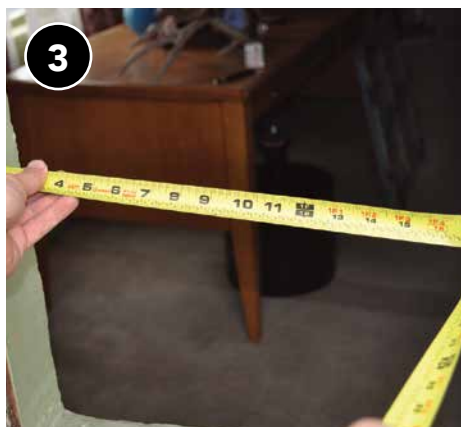
Broken, cracked, or missing glass breaks the pressure and thermal boundary.



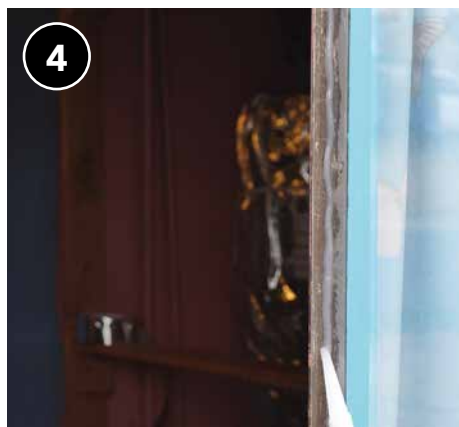
Remove all broken glass.



Clean all debris, caulk, etc., from sash.



Measure rough opening for pane, size pane 1/8–3/16 inches smaller than the opening to ensure proper fit and minimize the potential of the glass cracking during installation.



(optional) Run interior small bead of caulk.



Install new glass, using tempered where code requires, that meets or exceeds the specifications of the previous glazing.



Temporarily hold new pane with tape and carefully install new push points.



Install glazing compound or sealant at all edges of the glass.



Newly installed glass is sealed to prevent air and water leakage.



Checklist

Repair/replace cracked or broken glass

DESIRED OUTCOME

Glass complete and intact; improved energy efficiency performance of fenestration.¹

- In pre-1978 windows, presence of lead is assumed unless testing proved otherwise and work was completed accordingly.
- Replacement glass is sized correctly for the opening.
- Replacement glass matches original in color and look.
- Replacement glass meets local code requirements (e.g., tempered glass, safety glass).
- Glass is durably fastened to frame (stops or push points).
- Opening was cleaned adequately to allow adhesion of sealant.
- Glass is sealed according to design (e.g., glazing, glazing tape, or other) to prevent air movement.

1. Relevant Standards: 3.0201.1, 3.0201.4

