

## KEY ISSUES:

Flames and radiant heat can break the glass in a window and allow fire to enter the interior of a home. Gaps at the top, bottom and edges of exterior doors (front door, garage door, etc.) can allow embers to enter and ignite combustible materials within the home and garage.

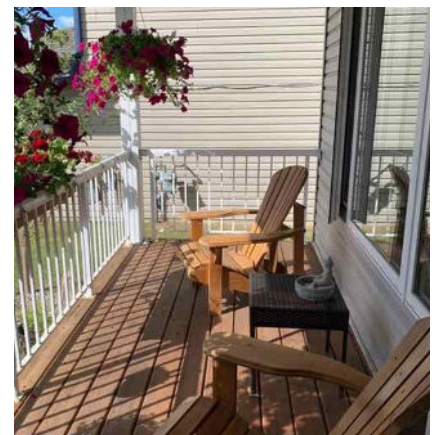


### What factors contribute to the vulnerability of windows and doors?

- Single-pane windows do not withstand as much heat as multi-pane or tempered glass windows.
- Combustible materials stored next to the windows on the exterior of a home can be ignited by embers and generate enough radiant heat to break the glass and allow fire to enter the home.
- Worn or damaged weather stripping around exterior doors can allow embers to enter the interior of a home or garage and ignite combustible materials.

### Consider these guidelines when planning an upgrade to your windows and doors and as a part of your ongoing home maintenance:

- Use multi-pane, tempered glass windows, and close them when a wildfire threatens.
- Your local area may have specific minimum requirements that must be followed for new siding materials.
- Move combustible materials and vegetation at least 10 metres from the home.
- Ensure garage and exterior doors are properly fitted and that weather stripping is maintained to prevent gaps for ember entry.
- Your local area may have specific minimum requirements that must be followed for new window and door materials.



Refer to the FireSmart Canada Home Development Guide for more information.