



Is your home and property climate ready?

Prepare your home for **hail and high wind**

Hail and wind events have potential to cause significant damage to your home and property. Calgary is located in “hail alley”, a hotspot for hailstorms in Canada. According to climate projections, hail events may happen more often and be more intense in the future, and it is more likely that they’ll occur throughout more of the year. With a changing climate, we will also continue to experience high wind gust events.

Homeowners should always ask to see the certification of the trades persons working on their home, and ask to see a business license.



Basic home protection actions:



Monitor local weather forecasts and Alberta Emergency Alerts for storm watches and warnings. If possible, securely anchor outdoor accessories such as barbecues, and store vehicles and belongings in a covered area.



Review your insurance policies to ensure you are covered for hail damage.



Keep trees and shrubs trimmed and maintained to limit impacts from hail and wind.



Visit calgary.ca/getready to create an Emergency Action Plan for your household.



Learn how to stay safe during a hail event, and what to do after damage from a storm at calgary.ca/emergencies/hail-storm

Complete simple upgrades:



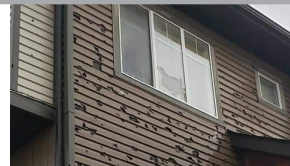
Apply a 4 mm thick safety film to your windows or install protective shutters to help make your windows impact resistant and shatterproof. Follow manufacturer’s instructions to ensure window warranty coverage.



Plant coniferous trees in a row on the side of your house that is exposed to the most wind (typically west), far enough away that falling branches will not cause damage.



Ensure your ridge and off-ridge vents are rated for high winds (i.e., over 100 km/h), otherwise they can be prone to damage.



Purchase and install impact resistant windows and doors.



If replacing your siding, choose a material that is resilient to hail, such as fibre cement or brick.

If re-doing your roof, or building new:



Consider a hip roof design. Simple designs with less edges, corners, and projections experience less wind pressure. The steeper the slope of your roof, the less susceptible it will be to hail and high wind.



Use hurricane clips to secure the roof to the walls. Ensure that all supporting posts at porches are anchored at the top and bottom.



Ensure your roof and walls are completely and properly sheathed to create more shear strength and stability in severe wind.



Apply two layers of continuous underlayment or waterproof ice and water shield on the entire roof deck, and additional fasteners (spaced closer together) for the shingles*.

*Consult manufacturer’s installation/warranty guidelines.



Choose Class 4 impact-resistant shingles and additional fasteners.

Check out calgary.ca/climatereadyhome to learn more about reducing climate change risk at home.