CSA S520:22 provides options that can help protect Canadian households from high wind impacts.

How are homes damaged by high wind?

For a 1% increase in construction cost, application of options outlined in CSA S520:22 can help reduce very severe, very dangerous wind damage to homes – including total loss of roof components.

High winds, including hurricane and tornado events, exert uplift forces – the forces pull apart homes from the top.

Strongly securing roofs to walls and walls to foundations reduces high wind damage. Estimated costs for these actions is ~1% of total construction cost, or about $3,600.

Contact: info@iclr.org