

FLASH

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*Strengthening Homes
and Safeguarding Families*



FEDERAL ALLIANCE FOR SAFE HOMES

www.flash.org

SAFETY
EVERY
KID
WANTS
SAFE

Severe Winds

Prior to a tornado, concentrate on the following areas to protect your home.

Roof

To strengthen against uplift forces:

- Make sure the roof deck is properly attached to truss/rafters with roof-wall (metal connectors/clips) connection hardware.
- Using a caulking gun, apply a 1/4 inch bead of APA AFG-01 certified wood adhesive along an intersection of the roof deck and roof support element (rafter or truss chord) on both sides of the beam. This technique can increase the wind uplift resistance by up to 3x more than nail-secured sheathing, but should only be used on roofs one year old or greater.
- Attach quarter-round wood pieces with adhesive in the corners of the roof support elements where access is limited to one side.

Porches

Check to see if the exterior walls are connected to the foundation properly.

- Ensure that the porch is properly attached with tie downs. The tie down is an internal rod within the porch column, which better connects the porch roof to the foundation, so it cannot be lifted out of place by the wind.

Manufactured Homes

- Anchor mobile homes with tie downs and inspect them annually.
- Avoid staying inside a manufactured home to ride out a storm. Always evacuate to a nearby, designated storm shelter.



Protect your home in a *FLASH* with the Federal Alliance for Safe Homes!

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