

Strengthening Your Roof – Reinforce Your Roof

You can affordably improve your roof's resistance to wind uplift from inside the attic without removing any of your shingles or other coverings. Keeping the roof on in high winds is essential, and research shows that correct application of the right adhesive or caulk will increase the resistance of your roof decking by as much as three times. Be sure to plan this activity for early morning or a cool day to avoid dangerous heat.

Step One – Assemble Your Tools and Hardware:

What you will need for this project:

- APA AFG-01 premium flooring adhesive
- Caulk applicator or gun
- Putty and utility knives
- Mask or other protection
- Portable fan
- Ladder



Directions and Special Considerations:

Apply a 1/4-inch bead of APA AFG-01 certified wood adhesive along the intersection of the roof deck and the roof support element (rafter or truss chord) on both sides with a caulking gun.

Make sure that the adhesive is in contact with both the deck and roof support elements and that you cover every joint.

Remember, most attics are enclosed, tight spaces with poor ventilation. Choose an adhesive or caulk that is rated for the lowest fume emission, wear a mask, and use a portable fan to ensure proper ventilation.

Follow all directions to ensure correct application, and plan to do this project on a cool day or in the early morning before it gets too hot.