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Technical Advisory Bulletin

To: GAF Residential Sales, GAF Contractors, Field Services, AIS, CARE
From: Technical Services
No: TAB-R-144

Fastening Methods for Open Eaves

What Fasteners Should Be Used To Install Shingles On An Acceptable Deck?

To fasten GAF shingles to acceptable decks... use zinc coated steel or aluminum, 10-12 gauge, smooth, barbed or deformed shank roofing nails with heads 3/8" (9 mm) to 7/16" (11 mm) in diameter. The nails must be long enough to penetrate at least 3/4" (19 mm) into wood decks or just through plywood or OSB decks.

What Alternative Fasteners Can Be Used For Open Eaves?

When roofing over open overhangs such as eaves, rakes, patios, and/or carports... it is acceptable to utilize 3/4" (19 mm) ring shank roofing nails instead of a nail that will penetrate through the deck. Using a ring shank roofing nail will reduce the potential for the fastener to "back out", causing a "nail pop" because the ring shank feature provides additional holding power into the deck.

If you are re-roofing over existing shingles... be sure to use a minimum 1" (25 mm) ring shank nail in the overhang area to obtain adequate penetration into the deck.

Can I Use Ring Shank Roofing Nails For The Whole Project?

No. Ring shank roofing nails should only be used for the open overhang... once past the inside wall, standard roofing nails should be used that penetrate through the deck as described above. This allows for easy verification of adequate fastening from the attic space.

Questions?

GAF Technical Services Can Assist You... with these and other questions you may have regarding your new roof installation. Technical Support Services can be contacted at 800-766-3411. The GAF website is a great resource for just about any question you may have or for additional information you may require. Please visit www.gaf.com to find the latest information on our products and their installation.

Important: This document supersedes any prior GAF Technical Advisory Bulletins on this topic. Please always check www.gaf.com to make sure you have the most up to date information.