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Technical Advisory Bulletin

To: GAF Residential Sales, GAF Contractors, Field Services, AIS, CARE
From: Technical Services
No: TAB-R-115

High Nailing Shingles

What Is High Nailing?

Shingles nailed too high above the butt (bottom) edge of the shingles or above nailing guideline are considered as high nailed shingles.

How Can I Tell If The Shingles Were High Nailed?

GAF shingles must be fastened... 6" (152 mm) from the bottom of the metric sized shingles (13-1/4" x 39-3/8" [337 mm x 1 m]) and 5-5/8" (143 mm) from the bottom of the English sized shingles (12" x 36" [305 mm x 914 mm]). Some variation of this dimension is to be expected as a practical matter. Of primary importance, however, is that the fasteners penetrate through the double area at the nail line on laminated shingles.



Note: Some premium shingles have different measurements or enhanced nailing areas. Be sure to check the installation instructions for correct placement of the nails prior to application.

Will The Shingle Be Damaged?

High Nailing can result in nailing through the self-seal strip, which unless the shingle is so designed, can adversely affect the shingle's ability to seal. If the shingles do not seal as a result of high nailing, the wind resistance of the shingle installation is reduced; making the shingles more likely to break off in the event of high winds. Nails in the sealant area also allow the sealant to become oxidized or contaminated so the shingles will never seal properly.

What Is The Remedy?

To repair high fasteners,,, carefully lift the overlaying shingle and install a new fastener in the proper location and install roof cement over any high fastener to ensure proper sealing of the shingle above.

Why Do I Need To Hand Seal The Shingles?

When the shingle was lifted to fasten, the thermal seal was broken, and it will not reseal – so the shingles must be hand sealed. Without proper sealing, wind damage might occur.

How To Hand Seal?

Check shingle application instructions... to determine the number and location of the dabs of cement to be used for and sealing. All GAF shingle application instructions have hand sealing procedures listed. Follow the instructions for the particular product to be sealed.

- **Use a caulking gun or small trowel...** to place dabs of cement under the shingle to be sealed.
- **Use quarter sized dabs of cement...** as a guide to judge the correct amount of cement to be used.
- **Press shingle into cement...** to fully seal these shingles.

Note: Too much cement can run down the face of the shingle or cause blistering.

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.