

TECHNICAL ADVISORY BULLETIN



Quality You Can Trust...
From North America's
Largest Roofing Manufacturer!™

To: GAF Residential Sales, GAF Contractors, GAF Field Services

From: Technical Services Department

Date: 05/27/2011

Subject: *Timberline Majestic Shingles Vs. Conventional Asphalt Shingles*

No: TAB-R 2011-154

What Is The Big Difference?

Side overlaps... conventional asphalt shingles are installed with butted vertical joints. Timberline[®] Majestic[™] shingles are installed with a minimum 3" vertical side overlap.

How Does The Side Overlap Work?

Butted joints... need a larger horizontal overlap of the shingles to provide one layer of shingles beneath the joints to keep them from leaking; typically the width of the exposed area of the shingle plus 2".

Side overlapped... shingles do not need this extra wide overlap because the side overlap protects the material below the joint to keep it from leaking.

Does It Matter If There Are Areas Covered With A Single Layer Of Shingles?

No...

- **Conventional laminated shingles...** all have single layer coverage at the vertical joint between each shingle
- **Three tab shingles...** all have single layer coverage at the each vertical joint and at each tab cut-out.

All these shingles have excellent long term performance records.

What Does The Side Lap Provide?

Better leak protection... water needs to travel at least 3" under the shingles at the side overlap vs. 2" at the top of the butted joint of a conventional asphalt shingle. That is **50% further water must travel** under Timberline[®] Majestic[™] to cause a leak. Timberline[®] Majestic[™] shingles provide a 4 ¼" horizontal lap and a 3" vertical lap for excellent leak protection.

Bold appearance... the extra thickness areas of the side overlap provides an appearance that is superior to other laminated shingles.

Stronger installation with fewer nails... a single nail holds the ends of two shingles down at the side overlap and ties the shingles together to form a tighter roof.

Eco-friendly... eliminating the extra material needed for the large horizontal overlap required by conventional shingles reduces the amount of asphalt needed to produce a square of shingle which reduces America's dependence on foreign oil.

Other Features...

Larger exposure... provides a great unique appearance; largest wood shake appearance on the market.

Installs faster... side overlap and larger exposure allows fast installation with fewer shingles per square.

Solid sealant stripe... 200% more sealant than standard shingles provides excellent wind resistance.

Wind warranty... up to 130 MPH with special installation.

Enhanced nailing area... 25% wider than standard laminated shingles.

Summary: GAF Shingles Represent Quality You Can Trust!

GAF's proven results come from R&D and Engineering investments in state of the art manufacturing, quality materials, technology and statistical process controls, to deliver shingles that should outperform lower quality competitive shingles.

This confidence allows GAF to provide the best roofing system warranties in North America.

Where Can I Get More Information?

GAF Technical Services can assist you... with these and other questions you may have regarding your new roof installation. GAF Technical Services can be contacted at **800-ROOF-411** (800-766-3411). Also, 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.