

TECHNICAL ADVISORY BULLETIN

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

From: Technical Services Department

Subject: *Buckled Felts Prior To Shingle Installation*

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Why Install Shingle Underlayments?

Roofing experts agree... that installing shingle underlayments is essential to a good roofing system. Here's why:

1. **Roof deck protection...** underlayments serve as secondary water shedding protection in case of shingle damage.
2. **Shingle protection...**
 - Underlayments keep wood resins away from the shingles
 - Some resins can damage shingles
3. **Deck leveler...** shingle underlayments can help create a flat and even deck surface.
4. **Most building codes recommend underlayment...** to be installed under shingles.

Why Use Shingle-Mate® Underlayment Vs. Standard Felts?

Shingle-Mate® Roof Deck Protection is fiberglass reinforced. Due to its fiberglass construction, it results in fewer buckles.

- **Avoids the telegraphing of wrinkles...** that occurs with standard felts due to its unique fiberglass construction that absorbs less moisture and wrinkles less.
- **Can straighten itself...** if Shingle-Mate® Roof Deck Protection does wrinkle, it can "straighten itself" with sunlight.
- **Acts as a breather...** attic moisture breaths through it and resists wrinkles related to attic moisture.

Can Shingles Be Installed Over Wet Underlayments?

Do not install shingles over wet underlayments... as the moisture trapped inside the underlayment may cause blistering, buckling or wrinkling of the shingles.

What Precautions Need To Be Taken?

Shingle underlayment should be completely dry... and should have a relatively flat & smooth surface before installing shingles. Additionally, use a sufficient number of fasteners to hold the underlayment in place until the shingles are installed

Will Installing Shingles Over Buckled Felts Void My Shingle Warranty?

No... The GAF Shingle Limited Warranty will remain in effect per its terms and conditions even if the roof system is not properly installed. However, any damage due to installing shingles over buckled felts is not covered under the terms of the warranty. The GAF Shingle Limited Warranty covers manufacturing defects; it does not warrant the workmanship of the roofer who installs the shingles, the design of the roof or the installation/performance of the roof deck. GAF can assume no responsibility that the installation conforms to local code requirements.

Where Can I Get More Information?

GAF Can Assist You... with these and other questions you may have regarding your new roof installation. GAF 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 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.