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protect  
what  
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# Technical Advisory Bulletin

**To:** GAF Residential Sales, GAF Contractors, Field Services, AIS, CARE  
**From:** Technical Services  
**No:** TAB-R-126

## ***Replacement Of Storm Damaged Shingles***

***What Are Some Causes For "Storm Damage" To Shingles?***

**Damage to shingles caused by** extraordinary weather conditions such as hurricanes with wind speeds that exceed the maximum wind speed limitation in the applicable limited warranty (if any), hail, tornadoes, lightning, microbursts, or cold-weather related damages.

***Do GAF Limited Warranties Cover This Type Of Damage?***

**Extraordinary weather related damages as described above** are specifically excluded from coverage\*. This damage may be immediately noticeable, or can be latent damage in which case evidence of any damage may not be apparent for years. This latent damage caused by severe weather or flying debris may cause the shingles to deteriorate prematurely.

\*Timberline® Shingles with LayerLock™ Technology are eligible for the WindProven™ Limited Wind Warranty with no maximum wind speed limitation when installed with at least 4 qualifying GAF accessories.<sup>1</sup> For installations of GAF Designer and Timberline shingles not eligible for the WindProven Limited Wind Warranty, Maximum Wind Speed Coverage is 130mph with Special Installation or 110mph without Special Installation.<sup>2</sup> Max wind speed coverage for Marquis WeatherMax Shingles is 80 mph and for Royal Sovereign Shingles is 60 mph.

<sup>1</sup>15-year WindProven™ limited wind warranty on Timberline® Shingles with LayerLock™ Technology requires the use of GAF Starter Strips (at eaves and rakes), Roof Deck Protection, Ridge Cap Shingles, and Leak Barrier or Attic Ventilation. See GAF Roofing System Limited Warranty for complete coverage and restrictions.

<sup>2</sup>Special Installation: Your GAF LayerLock-labeled Shingles will be covered up to the maximum wind speed of 130mph ONLY if installed using 4 nails per shingle and you have GAF Starter Strip Products installed at the eaves and rakes. Special Installation for all other GAF Shingles requires use of 6 nails per shingle and GAF Starter Strip Products installed at the eaves and rakes. Your GAF Ridge Cap Shingles will be covered up to the maximum wind speed above ONLY if your ridge cap shingles are installed in strict accordance with the "Maximum Wind Speed Coverage Under Limited Warranty" section of the applicable ridge cap shingle application instructions. For installations not eligible for the WindProven Limited Wind Warranty, Maximum Wind Speed Coverage is 130mph with Special Installation or 110mph without Special Installation.

***What Are Some Examples Of Latent Damage That I Could Expect To See?***

**Latent damage may take on many forms such as:**

- Granule loss at points of impact or caused by stresses the shingles endure
- Cracks in the granule-asphalt surfacing – especially if high winds blew the shingles back
- Exposed fiberglass mat – which may or may not be immediately visible
- Loosening of the self-seal integrity creating the potential for future shingle blow-off

*What If I have  
Granule Loss  
Concerns?*

**Loss of mineral granules as an immediate or gradual consequence** of storm damage exposes the asphalt coating directly to the environment. This granule loss may result in the accelerated aging and the premature deterioration of the shingles. Any shingle failures caused by granule loss from storm damage, immediate or as a result of latent damage, is beyond the scope of the *GAF Shingle & Accessory Limited Warranty*, and is not the responsibility of GAF.

*Is There Anything  
Else To Be Aware  
Of?*

**Note: Granule loss is NOT just cosmetic damage.** The process known as “sugaring,” defined as adding loose granules to damaged shingle with asphalt cement, is not a permanent repair.

**“Tarped Roofs”:** As immediately effective as tarping a damaged roof is to protect the building, securing the tarp by nailing through the shingles damages the shingles. Shingles that were nailed through must be replaced; caulking these nail holes is not a permanent repair and is not covered under GAF’s warranties.

*Can Several  
Individual Shingles  
Be Replaced Or  
Should The Entire  
Roof Be Replaced?*

**While it is possible to replace individual storm damaged shingles**, latent damage to the surrounding shingles caused by a storm is difficult to assess. If the damage is confined to one plane of the roof, replacement of just the damaged roof plane may be possible. If individual shingles are being replaced, any nails that were removed from surrounding shingles must be replaced and the surrounding shingles must be resealed by hand to ensure a weather-tight roofing system. **If sealant bonds have been broken due to exposure to extraordinary winds or during replacement and have sustained no other damage, GAF recommends hand-sealing of the shingles. Hand-sealing will help to ensure adequate sealing of the shingles rather than depending on the shingles to reseal themselves.** In addition to replacement shingles, the use of GAF Starter Strip Shingles, Ridge Cap Shingles and other GAF Accessory Products may be needed to properly complete a repair.

*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](http://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](http://www.gaf.com) to make sure you have the most up to date information.