

Damage to Shingles Caused By Hail

Steep Slope Technical Point

Updated: 10/07



*Quality You Can Trust Since 1886...
From North America's Largest Roofing Manufacturer™*



Steep Slope Technical Point

TO: Steep Slope Sales Team,
GAF-Elk Contractors, GAF-Elk
Distributors.

FROM: Contractor Services

DATE: 10/1/07

No: I08-07

SUBJECT: *Damage To Shingles Caused By Hail*

<i>Is Damage Immediately Noticeable?</i>	<p>Not always... hail impact may cause a gradual loss of granules that can, over time, result in premature aging of the shingles.</p> <p>Without visual damage, there is no real way to be sure how much damage shingles have encountered. Outward damage may not be apparent until months or years later.</p>
<i>How Can I Tell If The Roof Was Damaged?</i>	<p>Generally, damage can be seen as indentations and/or fractures in the shingles surface. Hailstones vary in size, shape, and hardness and can create a random pattern of dents or depressions. If this is not evident, look for indentations on metal flashings, siding, chimney caps, or even skylight flashings. After some time, clusters of granules may come off (at the point of impact) in a random pattern and expose the asphalt.</p>
<i>What Are Possible Types Of Damage?</i>	<ul style="list-style-type: none"> ○ Granule loss at points of impact, which may be accompanied by surface depression. ○ Cracks in the surfacing, which may radiate outward from points of impact. ○ Exposed fiberglass mat, where the granule-asphalt surfacing has been shattered and has broken away from the mat. ○ A fractured fiberglass mat, which may or may not be immediately visible. A fractured mat may result in tears radiating out from the points of impact. Furthermore, hidden damage to the mat can manifest and develop into cracks and tears at a later point in time as the shingles wear. ○ Storm damage may result in the loosening of the self-seal strip. This damage may be immediately visible or may weaken the seal integrity, creating the possibility of future shingle blow off.
<i>Warranty Coverage?</i>	<p>Any shingle failures, either immediate or a result of latent damage, is beyond the scope of the GAF-Elk Shingle Limited Warranty, and would not be the responsibility of GAF-Elk nor are they evidence of a manufacturing defect.</p> <p>Storm damage caused by hail, tornadoes, hurricanes, earthquakes, fire, lightning, etc. is specifically excluded from the GAF-Elk Shingle Limited Warranty*. These severe weather conditions, or the flying debris that may accompany these storms, may cause latent damage to the shingles and therefore cause the shingles to deteriorate prematurely.</p> <p>*See the applicable limited warranty for complete coverage and restrictions. Some GAF-Elk shingles are warranted to withstand winds up to 110 mph or higher.</p>
<i>Where Can I Get More Information?</i>	<p>GAF-Elk Technical Services can assist you... with these and other questions you may have regarding your new roof installation. GAF-Elk Technical Services can be reached at 800-ROOF-411 (800-766-3411). Also, the GAF-Elk website is a great resource for just about any question you may have or for additional information you may require.</p> <p>Visit: www.gaf.com</p>