

TECHNICAL ADVISORY BULLETIN

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

From: Technical Services Department

Subject: *Temperature Extremes & Fiberglass Asphalt Shingles*

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When Is It Too Cold Or Too Hot To Shingle A Home?

Theoretically, there is no lower or upper temperature limit governing when asphalt fiberglass shingles may be applied as long as appropriate precautions are taken.

- In cold weather, for easiest handling, temperatures should be above 40° F.
- In hot weather, for easiest handling, temperatures should be below 90° F.

Cold Weather Tips For Easier Installation And To Prevent Damage...

GAF suggests the following.... for easier installation and to prevent damage during cold weather:

- Store shingles in a heated area above 70° F for at least 24 hrs, if possible, prior to use. This will make the shingles more pliable and easier to install. For more information on storage, see Technical Point #122 on Proper Shingle Storage.
- GAF prefers that the racking method not be used and special care should be taken in cold weather. Racking requires the lifting/bending of the shingles to place the last nail. This method may cause them to crack or break along the bend either immediately or in the future.
- Sealing time for the shingles will vary depending on slope of roof, its orientation, and the amount of sun/heat exposure that the shingles receive. Hand sealing of shingles may be required if the temperature is too cold to activate the Dura-Grip® adhesive relatively promptly. For more details on hand sealing, see **TAB-R-2011-114**, Hand-Sealing-Shingles.

Hot Weather Tips For Easier Installation And To Prevent Damage...

GAF suggests the following.... for easier installation and to prevent damage during hot weather:

- Store shingles in a shaded area out of the sun, if possible, prior to use. This will help prevent them from sticking in the bundle. For more information on storage, see Technical Point #122 on Proper Shingle Storage.
- Wear soft soled shoes to prevent scuffing or other damage to the shingle.

What Issues May Be Encountered When It Is Hot Or Cold During Installation?

During very cold weather, shingles may:

- Become brittle and possibly crack or break where bent.
- Need to be hand sealed.
- Have a condition known as “cold curl”. (shingle edges curl up due to cold)

During very hot weather, shingles may:

- Stick together in the wrapper or on the roof.
- Be more easily damaged by foot traffic.
- Tear during installation.

Is My Warranty Affected?

No, the GAF Shingle Limited Warranty for the shingles will remain in effect. However, any damage such as cracking, lack of sealing, foot damage or tearing is the responsibility of the applicator and is excluded from GAF’s responsibility under the terms of our Limited Warranty, which covers only manufacturing defects.

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.