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Technical Advisory Bulletin

To: GAF Residential Sales, GAF Contractors, Field Services, Design Services, CARE
From: Residential Consumer Services
No: TAB-R-133

Temperature Extremes & Fiberglass Asphalt Shingles

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

There is no practical 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.

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

During very cold weather, shingles may:

- Become brittle and possibly crack, break or delaminate when bending.
- Need to be hand sealed.
- Become distorted and/or curl, preventing them from laying flat.

During very hot weather, shingles may:

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

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

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

- Prior to use, store shingles in a heated area above 70° F for at least 24 hrs, if possible. This will assist in making the shingles more pliable and easier to install. For more information on storage, see [TAB-R-122 Proper Shingle Storage](#).
- Sealing time for the shingles will vary depending on the slope of the 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-114 Hand-Sealing-Shingles](#).
- In addition to hand sealing laminate shingles, it is recommended to install fasteners in the common bond (a.k.a., the double layer portion of a shingle). Using this approach may assist in minimizing the potential for blow off damage, until the Dura-Grip® adhesive activates.

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

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

- Prior to use, store shingles in a shaded area out of the sun, if possible. For more information on storage, see [TAB-R-122 Proper Shingle Storage](#).
- Wear soft-soled shoes to prevent scuffing or other damage to the shingle.

*How Does
Temperature at
Time of Install
Affect my GAF
Warranty??*

It doesn't. The **GAF Shingle & Accessory Limited Warranty** will remain in effect regardless of the air temperature at the time of installation. However, any damage such as cracking, blow offs prior to activation of sealant, foot damage or tearing is excluded from coverage.

Questions?

GAF Residential Consumer Services can assist you with these and other questions you may have regarding your new roof installation. Residential Consumer Services can be contacted at 877-423-7663. 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.