

TECHNICAL ADVISORY BULLETIN

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

From: Technical Services Department

Subject: GAF 2-Part Roofing Adhesive “Cold Weather” Formula



Quality You Can Trust...
From North America's
Largest Roofing Manufacturer!™

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What Is The “Cold Weather” Formula?

GAF 2-Part Roofing Adhesive... is available in a “cold weather” formula designed to adhere insulation and cover boards only between 40°F (4.4°C) and 60°F (15.5°C). The “cold weather” formula is **intended to speed up the reaction and the initial bond** when applied at colder temperatures.

The cooler the ambient, chemical, and substrate temperature, the slower the adhesive will react turning from a liquid to foam. This is particularly evident in colder temperatures as the adhesive will be slower to develop an initial bond.

What Are The Temperature Limitations For The “Cold Weather” Formula?

The temperature limitations... for application of the GAF 2-Part Roofing Adhesive “cold weather” formula must meet three key criteria for proper adhesion to occur.

1. Minimum ambient temperature: **40°F (4.4°C) and rising. Maximum ambient temperature should not exceed 60°F (15.5°C).**
 2. Chemical temperature: **70°F-90°F (21°C-32°C).**
 3. Minimum substrate temperature: **40°F (4.4°C) and rising.**
- The GAF 2-Part Roofing Adhesive “cold weather” formula should **NOT** be used at temperatures below 40°F (4.4°C). Temperatures that are **lower** than the ranges stated above are not within the product design specifications and may result in poor performance and/or poor adhesion. This does NOT constitute a product defect and will NOT be covered under the Limited Warranty.
 - Temperatures that are **higher** than the ranges stated above are not within the product design specifications and may result in an adhesive cure time that is too fast, resulting in poor performance and/or poor adhesion. This does NOT constitute a product defect and will NOT be covered under the Limited Warranty.

Can The Cold Weather Formula Be Used With Single-Ply Fleece-back Membranes?

No... The “cold weather” formula cannot be used for adhering single-ply fleece-back membranes, regardless of the weather conditions. The standard GAF 2-Part Roofing Adhesive should be used with the “spatter” pattern for adhering single-ply fleece-back membranes in cooler [$\geq 40^\circ\text{F}$ (4.4°C)] weather applications.

What Is The Availability?

The “cold weather” formula is available between **October-March** in select areas only. Contact your local sales representative for further information.

Where Can I Get More Information?

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