

General information when applying low-rise adhesive

GAF LRF Adhesive **XF**
Low Rise Foam Adhesive

Canister set up



- 1 Before using Tanks, shake/roll to ensure proper mixing of contents. Tanks must be in an upright position when connecting hoses and during use.
- 2 When using Tanks and the Adhesive Gun, always make sure all hose fittings are tight.
- 3 Always check the gun face to be sure the ports are not blocked before installing a PTC Manifold and Static Mixing Tip.
- 4 Apply a small amount of petroleum jelly to the NOX Valve® face, which is provided with each Adhesive Gun to help keep the NOX Valve® clean from cured foam or contamination that could block one of the chemical ports.
- 5 Ensure the valves on both tanks are fully opened.
- 6 When using the Adhesive Gun for the first time, and with each new kit, purge the lines of air by slowly squeezing the trigger only ¼ to ½ open until all air is out of the lines, and material is starting to come out of the tip.
- 7 **Remember the 1-minute rule:** Once a mixing tip is used it must be reactivated in 1 minute. Longer than 1 minute at 70°F (20°C) could cause the chemical to cure, and blockage in one or both chemical ports may occur.
- 8 Equal flow of both Part A and Part B is required when using this low-rise adhesive system. To optimize foam yield, curing time, and proper performance, chemical must maintain a temperature between 70–85°F (21–29°C).
- 9 If problems occur, the cause is typically due to chemical temperature creating uneven flow or blockage of one of the chemicals. Partial or complete blockage of one chemical port will result in either A-rich or B-rich foam. (See images on right.)
- 10 With the static mixing tip removed, check that both chemicals flow with equivalent force.
- 11 Part A chemical may eventually harden and clog the hose if stored for too long. The Adhesive Gun is disposable and is not intended for continuous re-use. For best results, dispense liquid from hose at least once a week. Use contents within 30 days of initial use.
- 12 If the gun or hoses become clogged, they may need to be replaced. The Adhesive Gun kits are available through the distributor where you purchased the Tanks.



Good foam

Expanded within 30–45 seconds at 70°F (21°C). Gray in color. Uniform rise.



A-rich foam

Slow to rise/no reaction. Yellow in color. Brittle foam after cure.



B-rich foam

Very fast reaction/skin over. Blue in color. Soft, flexible foam after cure.

Ribbon/bead application for insulation/cover board attachment:



Adhesive beads may be applied straight from static mixer; or the provided 17" (431.8 mm) extension straw may be pressed securely over end of static mixer to improve ergonomics of bead application. Best performance will be achieved with the dispense tip within 6" (152 mm) of the substrate.



4" (102 mm) on center beads



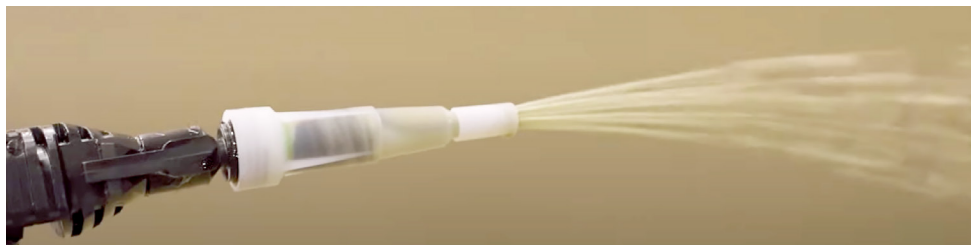
12" (305 mm) on center beads

Apply beads in a ribbon pattern with correct spacing between beads. (Illustrations are provided for reference only.)

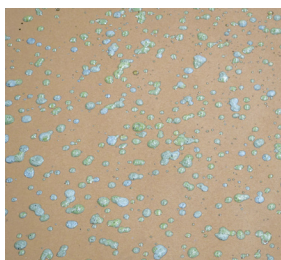


6" (152 mm) on center beads

Spatter application for fleece-back membrane attachment:



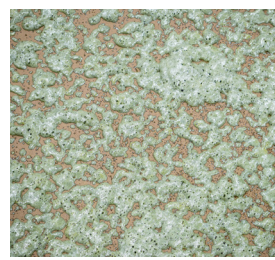
Ensure shower cap is "clicked" in place onto end of static mixer



Too little coverage



Good coverage



Too much coverage

Good coverage recommendations are based on a typical application of 3 lb. (1.36 kg) of adhesive applied per 100 square feet of area. (Illustrations are provided for reference only.)

For detailed GAF substrate preparation and installation requirements, please refer to the appropriate GAF Application and Specifications Manuals or contact GAF Technical Support at 1-800-766-3411 or gaf.com.

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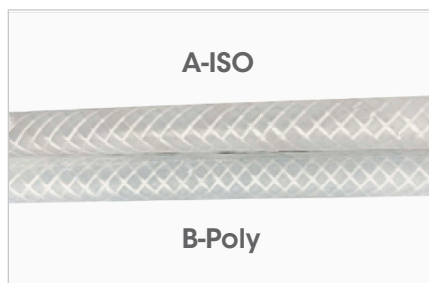
1. Roll or shake tank

- Shake/roll to ensure proper mixing of contents.
- Tanks must be upright when in use.
- Agitate for at least 10 seconds.



2. Identify Hose to Tank

- Red goes with Red, i.e., Red label tank/Red hose.
- Blue goes with Blue, i.e., Blue label tank/Blue hose.



3. Tighten Hose Fittings

- Use the wrench provided in the Assembly Kit to tighten the hose fittings.



4. Open Vales

- Make sure valves are fully open. If they are not, unequal component ratio will occur resulting in bad foam. (Please see images on page one of these instructions.)



5. Remove PTC Manifold

- As packaged, the PTC Manifold comes fully attached to the Adhesive Gun. Take off the PTC Manifold as shown.



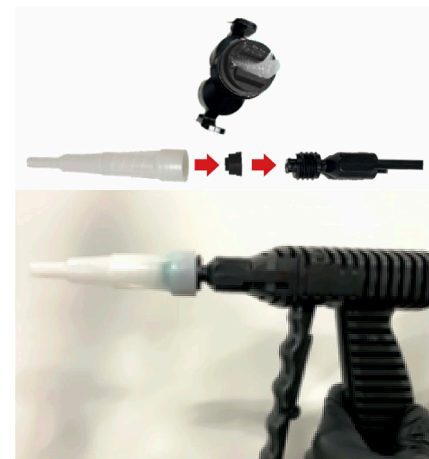
7. Install PTC Manifold

- Place the PTC Manifold back onto the Adhesive Gun.



8. Thread on Static Mixing Tip

- Make sure NOX Valve® is on the PTC Manifold.
- Apply a small amount of petroleum jelly to the NOX Valve® face.
- Thread the Static Mixing Tip onto the PTC Manifold.
- Additional components (additional NOX Valve®, manifold, and petroleum jelly) can be found in the Assembly Kit.
- Shower Cap and Straw can be attached to Static Mixing Tip for spatter coating for membrane attachment or ribbon applications for insulation attachment.
- After all 8 steps, the user is ready to dispense adhesive



CAUTION: Low-Rise Adhesive should only be applied using the proper Personal Protective Equipment (PPE). Always wear nitrile gloves, protective glasses or goggles, and clothing that protects against dermal exposure. Use only in a well-ventilated area. Always consult the Safety Data Sheets (SDS) and the Product Data Sheets (PDS) on gaf.com before using this product.



TEMPERATURE: Chemical temperature is very important. Tanks must be above 70°F (21°C) prior to use. Cold chemicals may lead to off-ratio flow. Optimum chemical temperature is 70–85°F (21–29°C). Ambient/substrate temperature is 32° F (1.7° C) and rising.