

# FleeceBACK®

## Flexible FAST™ Dual Cartridge Adhesive



### Overview

Flexible FAST Adhesive is a two-part polyurethane adhesive that reacts and foams when the two components mix together. The carton includes four Dual Cartridges (individually packaged in plastic bags) with five mixing nozzles. Flexible FAST Adhesive Dual Cartridges are acceptable for insulation and FleeceBACK membrane attachment.



Figure 1



Figure 2

### One Adhesive for All Temperatures:

Flexible FAST Dual Cartridge Adhesive is for use at temperatures 25°F and above for both insulation and FleeceBACK membrane attachment.

There are four parts to the cartridge: nozzle, black retaining nut, seal plug and dual cartridge (figure 2). Store cartons between 60–80°F to avoid processing problems.

### Cartridge Set-up for Application

1. Wear safety glasses and protect skin with a long sleeve shirt and gloves while handling urethane adhesives.
2. Remove nut from cartridge.
3. Remove seal plug from cartridge. Keep upright.
4. Place the nozzle over the opening.
5. Place nut over nozzle and tighten to dual cartridge.

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### Applying the Adhesive

1. Place Dual Cartridge into dispensing tool (figure 3). Acceptable tools include any 750 ml x 750 ml pneumatic, battery-operated or manual dual cartridge caulk gun. Always keep hands and fingers away from moving parts while cartridge is loaded in the gun.
2. Plan your work to use an entire cartridge whenever possible. Keeping the nozzle upright, operate the dispensing tool until you see material start to enter the nozzle. **YOU ARE NOW READY TO APPLY ADHESIVE.**
3. Extrude material at 4", 6" or 12" on center (o.c.) per design requirements. A  $\frac{1}{2}$ " –  $\frac{3}{4}$ " **WET BEAD** must be applied to substrate. You will achieve 50 sq. ft. at 4" o.c. , 75 sq. ft. at 6" o.c. and 150 sq. ft. at 12" o.c. per cartridge.
4. Before placing insulation or FleeceBACK into the adhesive, you must test for proper string time. Proper string time is when the material builds enough body to remain a foam. To test for string time, put your gloved index finger into the adhesive, touch your thumb to the material then slowly separate. You will see strings appear when body has built (figure 4). Nitrile gloves are required. This test can also be completed with a piece of insulation or cardboard.
5. After installing your insulation boards, walk in the boards immediately. Wait 5–7 minutes and then roll the insulation in with a 150-lb. roller (figure 5).
6. After setting the FleeceBACK sheet, roll the membrane with the 150-lb. roller in a perpendicular fashion. Start at the same place where you started the adhesive application as this will cure first.



Figure 3



Figure 6



Figure 4



Figure 5

### Care of Dual Cartridges

1. When the cartridge is completely emptied, dispose the dual cartridge according to local regulations.
2. Partially used cartridges: Remove static mixing nozzle immediately from partially used cartridges if the partially used cartridge is not to be used within 1 minute of stopping. When ready to restart applying adhesive, ensure the opening in each side is clear and install a new nozzle.
3. **Failure to remove the static mixing nozzle from a partially used cartridge may cause bodily harm and will damage the cartridge allowing material to leak from the cartridge (figure 6).**

Please refer to the Product Data Sheet for more information.

