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## **POLYFOAM PRODUCTS, INC.**

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### Corporate Office

P.O. Box 1539  
Tomball, TX 77375-1539

Tel: 800 774-3626  
281 350-8888  
Fax: 281 516-3074

### Roofing Division

12505 NW 44th Street  
Coral Springs, FL 33065

Tel: 888 774-1099  
954 344-3566  
Fax: 954 344-3578

# **Tite-Set®**

## ProPack® 100 Use & Care Manual

The Tite-Set® ProPack® 100 is designed for convenience and ease of use. Please follow the instructions below to insure maximum performance and ease of application.

- (1) **Do not** remove the cylinders from their individual boxes. The unit is designed so that the hoses can be attached with the cylinders in the boxes. After attaching the hoses, close the box top and secure the ears of the top into the slots on the sides of the box. The unit should be kept upright at all times (valves up) and can be transported in a wheel barrow or placed on a four wheeled cart for easy movement while on the roof.

**NOTE:** The box helps to control the temperature of the chemical cylinders because all polyurethane's are reactive to hot and cold.

- (2) Attach the red striped hose to the red (A) cylinder and the black striped hose to the blue (B) cylinder. Completely open both cylinder valves by turning counter clockwise. Disengage the safety on the gun trigger and point the gun into a plastic bag. Pull the gun trigger no more than halfway back and shoot the chemical into the plastic bag until there are two continuous streams coming from the gun. This normally takes appx. 3-5 seconds and serves to purge any air that might be in the chemical hoses.
- (3) Attach a mix nozzle to the gun as illustrated in the generic instructions. There are 10 nozzles included with each ProPack® 100.
- (4) Tite-Set® is to be applied to the substrate in 2 ½" – 3 ½" wide ribbons placed 12" O.C. The ribbons should be 1"- 1 ½" in height. Place the board stock into the Tite-Set® and walk-in.

**NOTE:** Boards that will not lay flat due to cupping, warping or crowning, or surface irregularities of the substrate, should have weights placed on the boards until the Tite-Set® has achieved adequate adhesion to hold the boards in place.

**Refer to the Tite-Set® Tech Data Sheet for compatible substrates and insulation board stock.**

**For additional information regarding application or product specifics, please reference the Tite-Set Use and Care DVD. To request a copy, contact Polyfoam Products at 888.774.1099 or view the video online at [www.polyfoam.cc](http://www.polyfoam.cc).**

- (5) When spraying is stopped for more than 1 minute, the nozzle should be removed and replaced with a new nozzle. **VERY IMPORTANT:** The chemical in the nozzle will begin to cure and will clog the nozzle when spraying has stopped for more than a few minutes. If the trigger is pulled while a clogged nozzle is on the gun, the chemical from the cylinders (which is under pressure!) will be blocked by the clogged nozzle and will cause a "back-up" of chemical into the hoses, which is called a crossover. The gun will no longer dispense chemicals in the right proportions and the Tite-Set® adhesive will not function properly. This situation can be easily avoided by simply changing nozzle when spraying is stopped for more than 1 minute.

- (6) When spaying stops for breaks, lunch or overnight. Repeat the purging procedure in step # 2. **VERY IMPORTANT**: As the hoses are exposed to the heat of the sun, especially in the summer months, the pressure in the hoses will build up. Purging the hoses for a few seconds prior to spraying relieves the excess pressure and allows the chemical to flow in the proper proportions.
- (7) When shutting down for the day: turn the chemical cylinder valves completely off (clockwise), engage the trigger safety catch on the gun, remove the nozzle and place a small amount of petroleum jelly (included in bag with nozzles and wrench) on the brass gun ports, store the unit out of the weather or cover.
- (8) When re-starting a partially used ProPack® 100: turn the chemical cylinder valves to the full open position (counter clockwise), remove the petroleum jelly from the brass gun ports with a rag or paper towel, purge the chemicals into a plastic bag until two full streams are evident. Attach a mix nozzle and begin spraying.
- (9) The unit is empty when it begins to “spit” and dispenses only one chemical, which will be a different color and will be very liquid.
- (10) **IMPORTANT**: The minimum chemical temperature for proper use is 70°F.

