

PERMA-PIPE, Inc.

FRP Reinforcing Sleeve Adhesive Kit

Installation Manual Supplement

INTRODUCTION

PERMA-PIPE's XTRU-Therm Express and XTRU-THERM Economy wall or floor entry end seal assembly kits consist of an FRP reinforcement sleeve, adhesive, heat shrink sleeve and heat shrink end seal all supplied by PERMA-PIPE for field assembly.

The adhesive is a Plexus MA310 two-part methacrylate adhesive kit consisting of adhesive cartridge, mixing tube and dispenser.



ADHESIVE STORAGE

Store adhesive cartridges between 55°F and 75°F. Adhesive cartridges have a shelf life of 6 months at this temperature. Long term exposure to above 75°F will reduce shelf life. Shelf life can be extended by storing at 45°F to 55°F.

Adhesive cartridges subjected to long term exposure above 100°F or freezing will damage the adhesive's reactivity and should not be used.

ADHESIVE USE

Refer to the Material Safety Data Sheet (MSDS) supplied with the adhesive kit for proper handling, storage and use.

CAUTION: Plexus MA310 adhesive is flammable, keep away from heat, sparks and open flame. Avoid skin and eye contact. Wear gloves and safety glasses when using Plexus MA310 adhesive to avoid skin and eye contact. Wash with soap and water after skin contact. Flush with water for 15 minutes and get medical attention for eye contact.

The surfaces the adhesive will be applied to should be thoroughly cleaned and be free of dirt, debris, oils and greases.

Once mixed, the Plexus MA310 adhesive has a working time of 15 to 18 minutes and will cure in approximately 30 minutes at room temperature. Cure time will increase at lower temperatures and decrease at higher temperatures.

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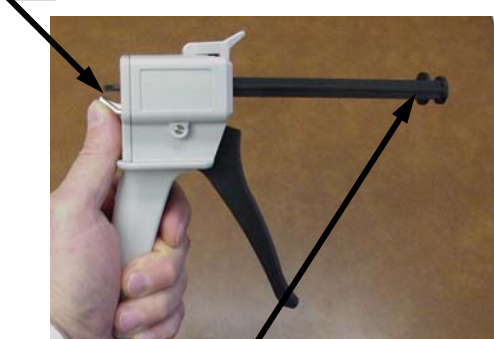
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DISPENSER ASSEMBLY

Assemble the dispenser in the following manner;

- Lift the lever on the back of the handle.



- Insert the push bar, with ratchet rack facing down, all the way into the handle.

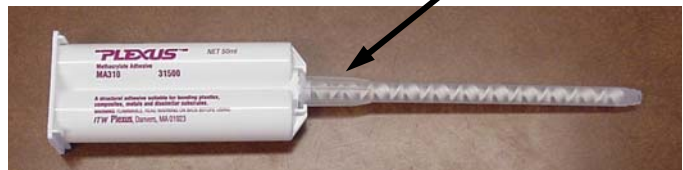
- Cut open the tip of the mixing tube.



- Remove the cap from the adhesive cartridge.



- Insert the mixing tube onto the end of the adhesive cartridge and twist to lock in.



- Insert the adhesive cartridge into the dispenser.
- Lock in the adhesive cartridge with the upper latch.



The dispenser is now ready to apply adhesive.