



# Lambert Corporation

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## EPIWELD 300 Singles Installation Instructions

**To achieve the desired results, carefully follow these procedures!**

Always be sure the holes are prepared in advance before starting a new cartridge. If at all possible, schedule dispensing to consume an entire cartridge at one time with no interruption of epoxy flow.



**IMPORTANT:**  
Dual chamber vertical cartridge system dispenses material from top and bottom at 1:1 ratio.

Cartridge is empty when bottom seal reaches middle of cartridge.

### Gel and Cure Times

Working Time – ASTM C881

### Epiweld 300 Singles

20 minutes

Cure Time (Loading Time) – Substrate Temp (75°F)

4 hours

Full-Cure Time – Substrate Temp (75°F)

24 hours

Recommended Temperature Range

35°F – 115°F

- Gel and cure times dramatically lengthen at lower temperatures.
- The recommended temperature range refers to the maximum and minimum substrate temperatures in which the product may be used. Note: follow cold weather dispensing procedures below.
- The user is responsible for deciding if the product is suitable for their application and will assume all risks associated with the use of the product.

### Job Site Preparation and Application:

1. Drill hole to proper diameter and depth. Blow out dust from the bottom of the hole. Brush the hole with a nylon brush. Blow out dust again. The hole should be clean of dust and debris.

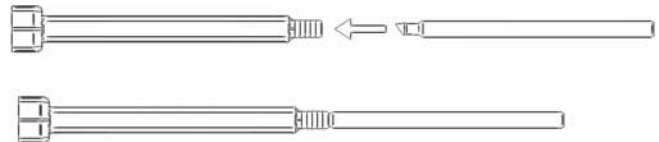


2. Insert cartridge into a standard caulking gun. Unscrew cap from the cartridge and remove plug.

3. Dispense a small amount of adhesive into a disposable container until you get an even flow of gray and white material.



4. Screw on mixing nozzle to cartridge. Make sure that the nozzle and cartridge assembly is secure. Dispense a 2"-3" bead of adhesive into a disposable container, until the color becomes a consistent gray with no streaks.



To achieve maximum flow and reduce fatigue, use the nozzle of the largest diameter that will fit into the hole or screen:

- If the hole is 3/4" diameter or larger, **do not use** the smaller diameter nozzle extension.
- If the hole is less than 3/4" diameter, **attach the smaller nozzle extension** to allow for proper installation depth.

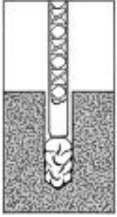
**Caution: Do not attempt to force adhesive out of a hardened mixing nozzle.** Use a new mixing nozzle to avoid rupturing the set or causing improper mixing. If a leak should develop, discontinue use immediately and continue to work with a new cartridge and nozzle.



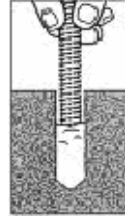
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**Repeat steps 1 through 4 as shown on front**

### Dispensing Into Concrete:



5. Dispense the material from the bottom of the hole. Fill approximately 1/2 to 5/8 of the hole depth while slowly withdrawing the nozzle.



6. Insert the threaded rod or rebar to the bottom of the hole while turning clockwise. The threaded rod or rebar should be free of dirt, grease, oil, or other foreign materials. Do not disturb or bolt-up until minimum bolt-up time has passed.

### Dispensing Into Hollow Block:



5. Insert the mixing nozzle into the bottom of the screen and completely fill while withdrawing the nozzle. Fill the screen completely all the way to the end to ensure that the adhesive completely fills the screen from top to bottom when threaded rod is inserted.



6. Insert the adhesive-filled screen into the hole.



7. Insert the threaded rod or dowel to the bottom of the screen while turning clockwise. The threaded rod or rebar should be free of dirt, grease, oil or other foreign material. Do not disturb or bolt-up until minimum bolt-up time has passed.

### Cold Weather Dispensing:

When dispensing epoxy at temperatures below 65°F, warm the epoxy to a minimum of 85°F for 1 hour prior to use. Dispense one full cartridge completely without stopping. This prevents the cartridge from cooling off and becoming difficult to dispense.

Hollow Block: If you are warming the epoxy cartridge in cold weather, be careful not to overheat the epoxy as it may run out of the screen reducing anchor strength.

### Limited Warranty:

LAMBERT CORPORATION products are designed to be used in the construction industry and should be applied by competent persons in accordance with current published instructions. We cannot be held responsible for difficulty caused by other materials and conditions, or by inferior workmanship. LAMBERT reserves the right to have the true cause of any difficulty determined by accepted test methods by an independent party. Any claim regarding product defect must be received in writing one (1) year from date of shipment. No claim will be considered without such written notice or after the specified time interval.

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