



# 2:1 PENETRATING EPOXY SYSTEM

(REGULAR & COLD WEATHER FORMULAS)

## Pump Instructions

These instructions are for using the TotalBoat calibrated pumps to measure the correct mix ratio of resin to hardener. To ensure the proper mix ratio, do not use any other pumps with these products.

**Dispense only 1 pump of RESIN to 1 pump of HARDENER**

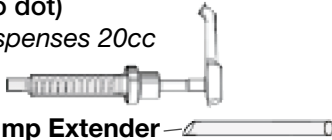


### 1 ID YOUR MATERIALS

#### RESIN PUMP

(no dot)

Dispenses 20cc



Pump Extender

Use with:

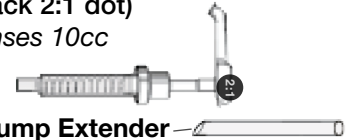
- TotalBoat 2:1 Penetrating Epoxy Resin



#### HARDENER PUMP

(w/ black 2:1 dot)

Dispenses 10cc



Pump Extender

Use with:

- TotalBoat 2:1 Penetrating Epoxy Hardener

### 2 SET UP AND INSTALL YOUR PUMPS

For all sizes of resin, attach the Pump Extender to the white plunger; for the hardener, only attach the extender to the quart and 1/2-gallon pumps —DO NOT attach the extender tube to pump for the pint sized hardener. **Trim the pumps using an angled cut, as shown below.** Cutting length is indicated from the **BOTTOM** of the tube. Initially, both pumps are the length to be used with **GALLON** containers. After trimming, insert the plunger as deeply as possible, without physically touching the bottom.

#### RESIN PUMP

Quart — Trim by 3-7/8" ]  
 1/2 Gallon — Trim by 2" ]  
 Gallon — Do not trim ]



#### HARDENER PUMP

Pint — Cut at an angle at the very bottom of pump ]  
 Quart — Trim by 3-7/8" ]  
 1/2 Gallon — Trim by 2" ]



### 3 PRIME YOUR PUMPS

Before dispensing, push down and release the head of each pump several times until you get a steady stream of liquid, without any air pockets.

### 4 DISPENSE AND MIX YOUR EPOXY

Dispense the resin and hardener into a clean, dry container that is appropriate for mixing epoxy. For every 1 full pump of resin, dispense 1 full pump of hardener. Mix **THOROUGHLY** for 2-3 minutes, taking care to scrape the sides and bottom of the container to blend the mixture completely. Do not adjust mix ratios or tamper with pumps. A proper cure is dependent on using the exact recommended mix ratio. Adding more hardener to make the epoxy set faster will actually prevent it from curing properly.

**REMEMBER: Dispense only 1 PUMP OF RESIN to 1 PUMP OF HARDENER**



Scan this code for additional information and instructions on the TotalBoat 2:1 Penetrating Epoxy System