

INTERLOCKING  
**BAL-*LAST***  
SYSTEM™



[www.interlockingballast.com](http://www.interlockingballast.com)

US Pat. 8,596,921 B2  
Canada 2,742,262

## INTRODUCING

The original **Bal-Last™** interlocking ballast block system that exceeds the manufacturer's required ballast without all of the time, effort and expense of field constructed forms. With **Bal-Last™** systems you can install your grinder pump in less than one day, all while saving **20 – 40%** over mixing and pouring concrete.

**Bal-Last™** interlocking blocks may be installed in less than 10 minutes:

- At the factory prior to shipment
- At the job site staging area
- At the job site prior to placement
- At the job site in the excavated trench

Blocks are maneuverable as separate pieces weighing 94# +/-

Blocks can be set and moved if the location changes  
Work can be done on top of the trench to set and remove blocks



The Interlocking **Bal-Last™** block system comes with locking pins and removable lifting rings. Four point lifting harness (optional) makes setting complete station and ballast simple and fast.



# Why Do You Need Bal-Last?

“The concrete anchor is not optional”

- E/One® Installation manual

Lightweight Pump basins require ballast to offset the forces of groundwater that could otherwise cause severe damage to the chamber and inlet and discharge pipe connections.

The image on the right shows how easy these basins can float on water.

Buoyancy can exert forces over 6 times the weight of the pump chamber. Forces of over 1,700 pounds can easily dislodge a pump and cause structural damage.

Many manufacturers will not warranty products that are damaged from improper installations.

The Bal-Last system is designed to exceed the installation requirements of Environment One® Corporation for use on simplex pump chambers.

## Money Saving

Many installers might not realize that their time is valuable. Many have attempted to make their own forms and tie up personnel making ballast rings. This effort usually requires advanced planning and can delay the actual installation waiting for the concrete ring to cure. The Bal-Last Interlocking System is quick and easy to install in less than 10 minutes. The pump can be installed immediately.



## Improved Installation

Reliable installations are easy to achieve with Bal-Last. The molded form and pre-cast concrete provides a consistent structural bond to the pump chamber. The locking pins provide expansion and contraction making the ballast ring resistant to cracking. Using the Bal-Last ring, backfilling can be accomplished sooner with less dewatering and damage to the surrounding environment.

Backfilled soil is used to complete the ballast needs, even in fully saturated soil conditions.

Inspection services can easily see that the proper ballast is in place. Saving time and engineering cost.



**Don't let your investment float away.**

Make your next E/One® installation an easy one with BAL-LAST Interlocking Ballast Systems.

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## Ease of Installation and Safety

With the Bal-Last lifting harness you can lift the tank and ballast with ease. The four point lift system provides a completely centered lift point allowing easy maneuvering of the basin. Reduce the time workers need to be in the excavation area. Four plated spring hooks release quickly and easily.



The Bal-Last Interlocking Ballast System was designed by an installer and trainer who realized the need to make a simple and easy tank ballast system.

The Bal-Last system is designed with the installer in mind. The patented interlocking design makes for a continuous ballast ring providing a complete structural bond to the pump chamber.

The Bal-Last system eliminates the need to form and pour concrete slabs or ballast rings. The Bal-Last design utilizes the weight of backfilled soil to complete the ballast needs.

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