

**ABT, Inc**  
**1-800-438-6057**

### **PolyWall Sidewall Extension**

Exclusive to PolyDrain are our patented PolyWall I and PolyWall II Sidewall Extensions. Using PolyWall I or II, the designer or contractor can extend a continuously sloped channel run from 30 m (98.1 ft) to 90 m (294.3 ft) without a catch basin or outlet. The use of PolyWalls is also extremely helpful when increased flow capacity is a concern. With PolyWall Sidewalls, the rate of flow can be increased as much as three times over the rate for a standard channel.

### **900 Series Catch Basins**

PolyDrain's 900 Series Catch Basins have the same outside dimensions as the standard PolyDrain channels. Designed to accept sidewall extensions, they can be positioned any place in a channel run. The 900 Series Catch Basins are equipped with easy to remove galvanized steel trash buckets and can accept the full range of lockable inlay or frame and grate systems.

All 900 Series Catch Basins have preformed cutouts for 100 mm (4 in) and 150 mm (6 in) discharge piping and can accept PolyDrain channels at both ends. Foul air traps are available either in-line (model 901) or side mounted (model 902).

#### **No. 900**

One hundred mm (4 in) and 150 mm (6 in) outlet can be installed at middle and/or bottom of both sides and ends. Channels can enter from either or both ends.

#### **No. 901**

Foul air trap with 100 mm (4 in) in-line outlet on one end with channel entering from other end.

#### **No. 902**

Foul air trap with 100 mm (4 in) outlet on either side of basin. Channel can enter from either or both ends.

### **610 - 611 Large Catch Basins**

PolyDrain's 610 and 611 Large Catch Basins are designed to accept large volumes of fluids. Removeable galvanized steel trash buckets are available and a cast iron grate and frame is included. Catch Basins have preformed cutouts for insertion of channels and 150 mm (6 in) outlets on all four sides for the basin, although other pipe sizes can be fitted to the catch basin as required. PolyDrain large catch basins have the stackable design which allows for installation to any required depth.

### **PolyDrain Installation Aids**

#### **PolyWing Hangers**

PolyWing Hangers are used with rebar to suspend PolyDrain channels in preparation for pouring concrete. The PolyWing hanger is secured to the rebar using a U-bolt bracket assembly so channel sections will maintain proper alignment during the pour. The PolyWing hangers attach to the channels using the PolyLock system.

#### **PolyClip Installation Aids**

PolyClips are installed at the channel joints while channels are upside down. Several channels can be joined together at one time and rolled into position as one unit. Height adjustment is made by loosening the wingnut and sliding brackets up or down on the U-legs. Tightening the wingnut fixes the height while, at the same time, drawing the channels tightly together for a tight joint. Channels can then be secured to the subgrade either by pouring a non-structural anchoring slab or by driving two rebar nails through preformed holes in the U-leg.

### **Locking Devices**

Grate locking devices are recommended for all applications involving vehicular traffic or where vandalism may be a problem. Locking devices are provided in zinc plated and stainless steel. The bolt is threaded into the lock toggle through the hole provided in the grate prior to grate installation. As the bolt is tightened, the toggle cams into place for hands-free installation.

### **PolySeal**

ABT's complete line of sealants addresses all types of application requirements.

PolySeal 1 is a single part polyurethane in a standard paper caulk tube and is used as a general purpose sealant for dirty water applications.

PolySeal 2 is a two part epoxy provided in a double tube with a static mixing nozzle. PolySeal 2 maintains a permanent flexibility and offers chemical resistant properties commensurate with many harsh chemical environments.

PolySeal 3 is a two part vinyl ester sealant which sets hard in about 30 minutes and is strongly recommended for sealing all joints in a PolyChampion installation. PolySeal 3 is also ideal for bonding all PolyDrain fabrications and miters.