

EROSION CONTROL/ TRENCH/DRAIN PRODUCTS

www.stetsonbuildingproducts.com

The PolyDrain Trench Drain System consists of 30 interlocking sloped channels and 4 non-sloped channels. Special non-sloping channels can be inserted at specific intervals in order to extend channel runs. Catch basins, horizontal outlet plates, closed end plates and vertical outlet plate adapters can be installed at designated locations. Closed end plates terminate channel runs. To determine number of channels required simply divide footage by 3.27.

POLY CHANNEL



POLYDRAIN CHANNEL SLOPED **1 METER LONG**

ABT Polydrain

Standard PolyDrain channels have a built-in 0.6% slope, a smooth interior finish, a radius bottom, and a narrow cross-section. These features, which can produce a flow velocity of up to 10 times that of a standard hand-formed trench drain. This higher velocity provides excellent hydraulic efficiency and helps keep the channels clean.

PolyDrain channels have interlocking “tongue & groove” joints that serve two important functions. First, they aid in maintaining proper channel alignment during installation. Second, they help prevent concrete migration into the system during the pour. ABT maintains a full line of joint sealants that can be applied to joints and connections when a sealed system is required.

**DEPENDING ON RUN OF CHANNELS, 1/2 METER CHANNELS ARE ALSO AVAILABLE.
PLEASE CALL YOUR LOCAL STETSON BUILDING PRODUCTS, INC. LOCATION FOR
DETAILED DRAWINGS AND MORE INFORMATION FOR YOUR SPECIFIC APPLICATION.**



S210 POLYSELF CHANNEL 1 METER, POLYDRAIN

ABT Polydrain

PolySelf is a precast, modular trench drain system of channels, outlets and lockable grates specifically designed to eliminate surface water retention in residential applications. Because PolySelf is a complete pre-engineered system, minimum experience and labor are required for installation.

PolySelf can be installed across driveways, around pool and landscape areas and along sidewalks - anywhere a drainage problem exists.

The PolySelf system includes precision engineered, tight fitting precast polymer concrete channels topped with galvanized steel grates that are held securely in place by locking toggles, resulting in a clean, professional look.

Water flows freely into the system through grates specifically designed to keep large debris from clogging the channels and which are strong enough for low speed automobile and light truck traffic. The grates are bicycle-safe and the perforated grates are heel-proof - providing an unparalleled standard of safety.

2437 BLACK PLASTIC GRATE FOR POLYSELF SYSTEM

ABT Polydrain

ITEM # 242748

2790H EXTRUDED EDGING F/2437 PLASTIC GRATE 3 METERS (POLYSELF)

ABT Polydrain

ITEM # 242749

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AVAILABLE BY SPECIAL ORDER:

Trench Former is a pre-engineered, cast-in-place concrete forming system for forming subsurface drainage trenches, catch basins, utility chases and voids in concrete placements. Consisting of expanded polystyrene (EPS) form profiles, steel inlay rails with our patented no-float legs, and grates; it replaces hand-forming, heavy materials, keyways and waterstops normally required with trench drains and utility chases.

Standard Design

TF-14 provides the most widely used trench size, 12" wide radius bottom trench with a 1.0% (1/8" per ft) built-in slope.

Low Cost

The Trench Former System requires no heavy machinery (except for excavation) and is in place in a fraction of the time of previous methods, reducing installed costs by at least 33%.

Easy Installation

A non-structural anchoring slab placed over the no-float legs holds the formwork firmly in place without elaborate anchoring. Concrete can then be placed monolithically, eliminating cold joints, keyways, and waterstop material between the trench floor and walls. Forms can be removed in 24 hours or can be left in place indefinitely, preventing unsafe open pits on the job site. There are no piping alignment problems because piping is butted to the formwork and cast-in-place.

Environmentally Sound

The EPS forming medium is manufactured without chlorofluorocarbons and can be safely and easily disposed of. It's recyclable, makes a high quality fuel for commercial incinerators, and is landfillable.

Low Maintenance

The permanent system components are designed to be virtually maintenance free. The steel rails are powder epoxy coated. Other steel components are galvanized. Grates are of ductile iron or galvanized steel. The built-in slope and radius bottom features help to eliminate debris buildup. Quarterly inspections are recommended for normal installations.