

PERMA BASIN PB4800 ASSEMBLY INSTRUCTIONS

This assembly kit should be used along with a Perma Basin Frame and Grate set to form a complete drain basin.

PARTS LIST

3 SUPPORT LEGS
3 EA. 1 INCH MESH 14 GAUGE WALL PANELS
1 GEOTEXTILE BAG

2 EA. – “A” BAG (Assembly Kit Hardware Bag)
--

2 INTERMEDIATE SUPPORT RING UNDRILLED
1 INTERMEDIATE SUPPORT RING DRILLED

TOOLS NEEDED

2 EA. 9/16” WRENCH
1 EA. SCREWDRIVER

ASSEMBLY STEPS:

1. Attach 3 support legs with 3/8” aluminum bolt and nut to the bottom frame. **IMPORTANT: BOLT SHOULD BE INSTALLED WITH THE THREADS ON THE OUTSIDE OF THE FRAME; HEX-HEAD SHOULD BE ON THE INSIDE OF FRAME.**
*** DO NOT TIGHTEN BOLTS AT THE THIS TIME.**
2. Place one drilled intermediate support ring at one end of the support legs and attach ring with aluminum bolt and nut to the support legs. These bolts also should be installed with threads to the outside.
3. Insert and attach the undrilled intermediate support ring halfway between frames, then insert and attach the 2nd drilled intermediate support ring to the other end of the support legs with aluminum bolt and nut. These bolts also should be installed with threads to the outside.
4. Attach 2nd frame to the top of the support legs. These bolts also should be installed with threads to the outside.
5. Adjust support ring halfway between frames and tighten all bolts.
6. Take two wall panels and place on a leg inserting bolts through the corner square on each wall. Use a 1/2” washer and 3/8” nut to secure wall panel to support leg. DO NOT TIGHTEN AT THIS TIME. Use screwdriver to assist in placing wire wall over bolts.
7. Take 3rd wall panel and perform same operation until all three panels are secured to three support legs. TIGHTEN ALL NUTS AND WASHERS.
8. Place Geotextile bag over basin and use screwdriver to insert bag between wire wall and frame.
9. Place black drainage tape around edge.

INSTALLATION INSTRUCTIONS:

1. Dig a hole deep enough to allow the grate to be flush with the ground surface.
2. Use fabric sleeves to connect any size pipe up to 12” diameter.
3. Mouth of pipe should butt against the outside wall of basin, thus being screened from trash inside basin entering pipe.
4. Backfill hole with sand to increase permeability around basin area.
5. Area on ground surface should be sodded so as to stabilize surface area and prevent tractor rutting in sand surrounding basin.