

Glendon Poly Basin Installation and Handling Instructions

To un-nest the stack, tip the stack on its side and pull apart the first pod by hand. The pod can be lifted on its side by using the loader bucket of a backhoe (or tipped up right and slid on the bottom). While the basin is on its side, carefully lift the basin with the bucket from the inside of the basin. Place the bucket as far into the basin as possible without driving on the rim. Carefully lift and transport the basin. Place the basin on the side of your excavation with about $\frac{1}{4}$ of the bottom portion of the basin hanging over the side of the excavation. Back out the backhoe and push the basin into the hole by hand. It should fall into place.

Filling basin: First, excavate the hole about 6" greater on each side of the basin dimensions. The bottom of the excavation should be level. Place the basin into the hole as described above. Filling and backfilling the basin should be done in lifts. Start by placing a small amount of sand or pea gravel around the bottom of the basin in the annular space. Using a laser level, verify that the rim is level within Glendon approved tolerances. If a corner or side of the basin is not level, lift up on the lower portions to allow the sand/pea gravel to flow under basin. Once the rim is level, backfill the annular space with 12" of sand or pea gravel (not soil). Install the standpipe and load the first layer of rock into the basin. Backfill the outside another 12-18" and load the pea gravel layer into the basin. Backfill the outside to the rim with medium cover sand and complete loading the interior of the basin with sand. Complete the plumbing and place the final layer of cover sand and jute mat.