



Oyster Upweller Bucket Construction Instructions

Equipment:

- Mesh: Spat (1mm), window, intermediate, and large
- 5200 Marine Adhesive Sealant
- Oatey Hot Medium Blue Lava PVC Cement
- 1 ½ in. PVC DWV Hub x Slip-Joint Trap Adapter NIBCO
- 1 ½ in. PVC piping
- Hose barb adapter- ¾ inch 1D x ¾ inch MH
- 5-gallon buckets
- Extra 5-gallon buckets

Tools:

- Jigsaw
- Drill
- Hole saw bit- two sizes ¾ and 1 ½
- Hot glue gun
- Paint scraper

Directions:

- Precut mesh into 17 x 17 in. squares.
- Cut out bottom of 5-gallon buckets using a jigsaw.
- Cut two holes directly between the handles ¾ in. from the top of the bucket. Use a 1 ½ in. and a ¾ in. hole saw bit to create the holes. (Figure 1)
- Horizontally cut the extra 5-gallon buckets into 1.5 in. strips using the jigsaw. These strips will be used to hold the mesh in place over the bottom of the bucket. Each bucket yields 3-4 strips.
- Take a precut mesh square and place on upside-down bucket. Hot glue the edge of the mesh, ensuring it lays taut on the bucket.
- Cover the inside of a 1.5 in. strip with Oatey Hot Medium Blue Lava PVC Cement and place over the bottom of the bucket and mesh. Push strip down the bucket until it is secure. (Figure 2)
- Wait at least 24 hours for PVC cement to dry.
- Once dry, use the 5200 Marine Adhesive Sealant to seal the exposed mesh along the side of the bucket. Use a paint scraper to ensure there are no air pockets or open areas. (Figure 3)
- Once dry, the excess mesh can be trimmed.
- Insert the hose barb adapter and PVC DWV hub and slip-joint trap adapter into appropriate holes on top of the bucket. Place a 3 in. piece of PVC in the PVC DWV hub and slip-joint trap adapter. (Figure 4)

