

Silt Curtain and Boom Anchoring Installation Instructions

Ground Anchor

The ground (shore line) anchor is lightweight, offers robust stability, resists corrosion and is easy to install with the proper tools. It can be an excellent option for both shore line and underwater anchoring. There are eight simple steps in the installation process:

Note: If the anchor lines are pre-assembled, skip to step 3.

Step 1: Cut the rope to the length appropriate for your application.



Step 2: Loop the rope around the anchor point twice and tie the rope to the cable attached to the anchor.



Step 3: Insert a driving rod into the existing hole on the anchor.



Step 4: Holding the rope in one hand, keeping it taut, thrust the driving rod sharply into the ground.



Step 5: Using a post driver or sledge hammer, continue driving the rod and anchor into the ground until the desired depth is reached. Use the drive rod extension if the installation is taking place in the water.*



Step 6: Twist the rod so it loosens from the anchor. Pull out the rod once it is completely loose.



Step 7: Set the anchor for maximum loadlock by pulling vertically on the rope with a substantial amount of force. This will shift the anchor into position for full stability.



Step 8: Tie the rope to the anchor point(s) at the recommended locations. (See details on page 4)

*note: manufacturer recommended depth for water anchoring is 4 feet (1.2m)

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Underwater Fluke Anchor

The fluke anchor is an option for the bottom of a watercourse. Its design compels the anchor to dig into the bottom when an attached floating object pulls against it.

Step 1: Before deploying the turbidity curtain, determine the specific locations where you will be attaching the anchors to the curtain.

Step 2: Attach each fluke anchor to an anchor line.

Step 3: Attach the other end of each anchor line to a buoy before installation of the curtain.

Step 4: Using anchor line, tow curtain to desired position and drop anchor to secure. Repeat process for each additional anchor point. Repositioning may be necessary.



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Recommended locations for connecting tow bridles and anchors to deploy your curtain and/or boom.



Universal Slide Connector



Anchor and/or Connection Point

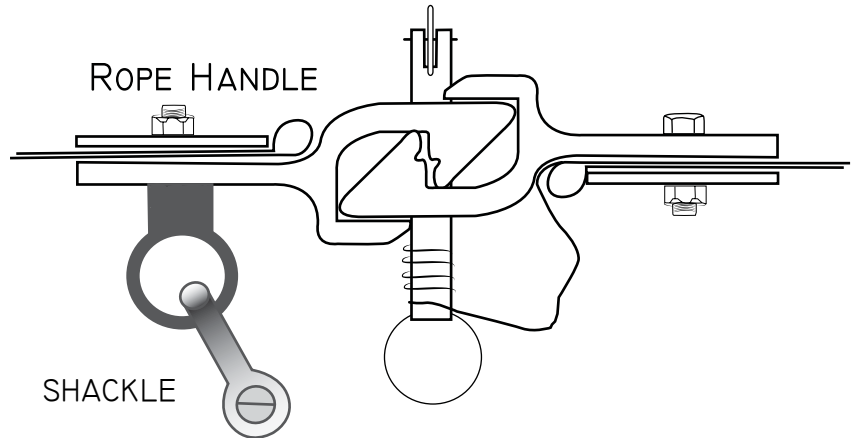
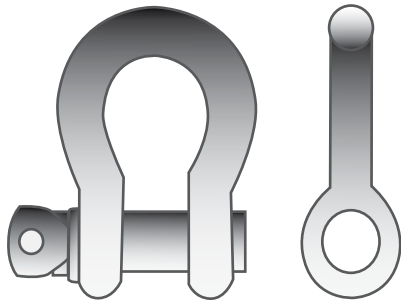
Top View of Universal Bracket With Eye Bolts Used as Anchoring Points



Anchor Point located in center of curtain and/or boom section.

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Shackles are used for joining multiple sections of boom or curtain. The pin is threaded and can be tightened by hand for quick deployments or with pliers for more permanent applications.



A tow bridle is a valuable accessory for boom/curtain installation. It connects to the curtain/boom and a tow boat and helps to prevent damage during deployment.

Tow Bridle

36" - 48"

5/16 Galvanized Cable

