



BOOM BARRIERS FOR UNDERWATER CONSTRUCTION WORKS

Silt curtain barriers are vertical, flexible curtains that extend from the water surface down to the bottom, either fully or partially. These curtains are used to reduce water turbidity during construction activities, such as dam injections.

Each curtain consists of the curtain material itself, a heavy chain for stability, and a float that remains on the water surface. Booms are used as floats. The standard length of each curtain is 20 meters, and every 19.5 meters, the curtain is securely anchored to the bottom using anchors and cables.

Curtains are connected to each other with special brackets, ensuring a continuous barrier along the construction area.



The curtain is made of durable polypropylene fiber. Due to the structure of the material, water easily passes through the fiber, while bottom sediments are retained on the surface.

During operation, the curtains can be repositioned by divers, and the anchors are installed using a floating crane (lifting capacity – 16 tons).

