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EZ Dock Installation Example – Deadweight Anchorage

With deadweight anchoring, a large weight is placed on the floor of the body of water and is attached to the dock by means of chain, cable, or synthetic line. This large weight serves to hold the docks in place where, due to ice, deep water, poor piling conditions, or aesthetics, conditions force the examination of traditional means of anchoring. Anchoring docks by deadweights is much more difficult to design and install. When determining the number and placement of the deadweight, there are no set rules or formulas. These systems will require some adjustment as water levels fluctuate. It is very important that the customer understands what will have to be done to maintain the system.

