



YOUR PERMANENT WATER MANAGEMENT SOLUTION

The tricky thing about water is that it never stays the same. Either you're dealing with waves, freeze-thaw cycles, tidal fluctuations, flash flooding, or drought. You need a retaining wall that is going to perform under any water condition, and that's why Redi-Rock® is here.

Redi-Rock walls help protect shorelines, create space for stormwater retention ponds, and save neighborhoods from flooding. That's because these walls can be built with minimal space requirements, are easy to install, and can be reinforced to withstand incredible storms. The Redi-Rock retaining wall system uses massive one-ton blocks made of 4,000 PSI (27.6 MPa) architectural-grade precast concrete. These walls have proven performance in freeze-thaw cycles, marine environments, and record-setting storms.

Redi-Rock has been used in thousands of water management projects around the world. How can we help you on your next water application project?

Contact your local Redi-Rock retailer or visit [redi-rock.com/water](https://www.redi-rock.com/water) to learn more about water application options today!



marinas

FORYD HARBOUR, RHYL, NORTH WALES

This 24.3 foot (7.4 meter) tall Redi-Rock reinforced wall was installed to help expand a jetty and support the base of an iconic pedestrian bridge. The project is located in Rhyl, North Wales, on the Irish Sea. Two months after construction was complete, massive storms battered the UK, completely demolishing a nearby small block retaining wall and washing away all the rip rap at the bottom of the Redi-Rock wall—but the Redi-Rock wall withstood the storm and performed exactly as engineered.



shoreline protection

FISHER RESIDENCE, SHUBENACADIE GRAND LAKE, NOVA SCOTIA

Years of storm damage had completely destroyed the natural-stone retaining wall between this home and the large inland lake it sits on, resulting in waves breaking literally at the doorstep. Redi-Rock LedgeStone blocks allowed the owners to achieve the natural look they sought while providing “the weight and ballast [needed]. It is more than sufficient to deal with the wave energy here,” said George Searle, PE, of Searle Environmental Services Limited.



storm channels

MOREHEAD STATE STORM CHANNEL, MOREHEAD, KENTUCKY

An unsightly and heavily eroded storm channel at Morehead State University received a much-needed upgrade, transforming part of the campus. “It had been an eyesore for quite some time,” explained designer Chris Howard, RLA. “Morehead wanted to pipe a portion of the creek and to do a stream bank restoration on the rest.” Redi-Rock gravity walls were a great fit for this project because of the design, engineered strength, efficiency, and superior aesthetics.



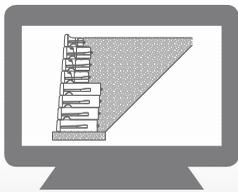
retention ponds

CENTRE POINT RETENTION POND, WEST CHESTER TOWNSHIP, OHIO

After the freeze-thaw cycle destroyed the rip-rap reinforcement of this storm water retention pond, West Chester Township needed a better solution to aid with erosion control.

“The number one reason Redi-Rock was chosen for this project was aesthetics. The second reason was durability. With the freeze-thaw cycle here in Ohio, and the water environment, we just had to have a solid block,” said project engineer Joe Kowalski, PE.

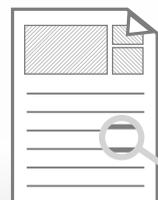
Your Complete Water Solution—If you need a wall in water, there’s a Redi-Rock solution. Visit redi-rock.com/water to find:



Engineering Resources



Construction Details



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Contact Tom McConnell at 814-316-2754 or visit redi-rock.com/water to learn more about water application options today!

