
NATIVE
SHORELINES
a DAVEY company
QUICKREEF
PRODUCT CATALOG
SPRING 2026
www.nativeshorelines.com

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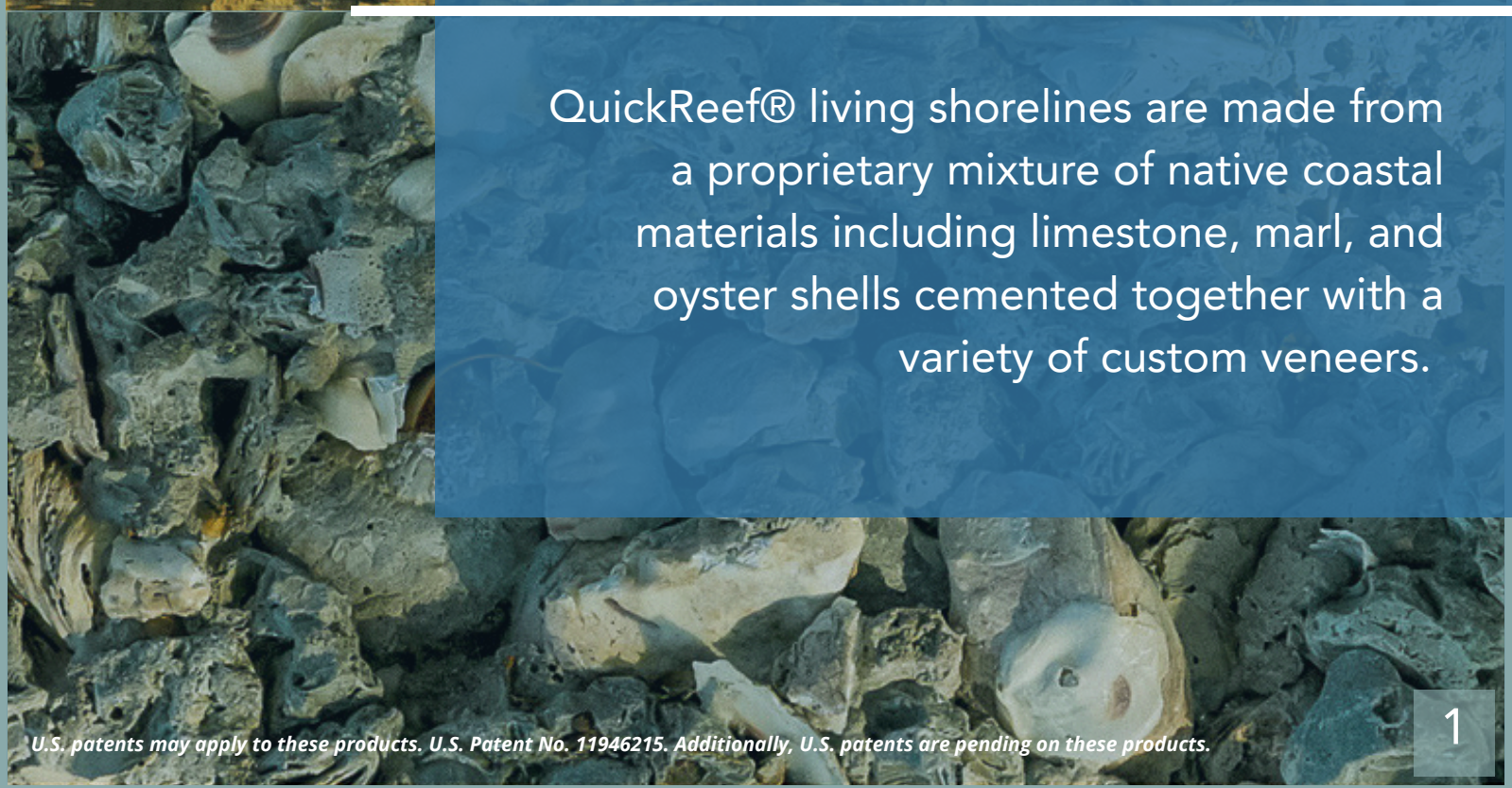
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ABOUT QUICKREEF®

As a more effective and environmentally sound solution, living shorelines can improve water quality, provide fisheries habitat, increase biodiversity, and promote recreation.

Our proprietary QuickReef® living shoreline system is a proven coastal erosion solution using the same chemical compound as an oyster shell to instantly reduce wave energy!



QuickReef® living shorelines are made from a proprietary mixture of native coastal materials including limestone, marl, and oyster shells cemented together with a variety of custom veneers.

U.S. patents may apply to these products. U.S. Patent No. 11946215. Additionally, U.S. patents are pending on these products.

Why QuickReef®?

- Connected open space creates habitat for fish, blue crabs, oysters, and other marine life
- Can grow naturally over time by attracting native oysters in brackish waters, providing long-term protection for your shoreline
- Reduces shoreline erosion by absorbing and reducing energy from waves and boat wake!

What Makes QuickReef® Unique?

- Comprised primarily of native coastal materials to grow a reef quickly!
- Patented arrangement enables the structure to act as a single unit to disperse wave energy and distribute ground pressure
- Completely customizable to meet your site-specific needs!

How Does QuickReef® Stack Up Against Other Living Shoreline Options?

- Wave tank testing and computer modeling have proven that QuickReef® weakens wave energy comparably to rock sills
- Independent research has shown that QuickReef® recruits *more and larger oysters* than oyster bags in side-by-side comparisons!

ORIGINAL QUICKREEF®



Our Original QuickReef® is designed to provide an environmentally-friendly alternative to oyster-filled plastic bags, perform consistently and immediately, whether oysters are present or not, and provide unparalleled habitat for fish, oysters, and other marine life.

Original QuickReef® sills can be installed on most low to moderate energy, shallow-water sites.



QuickReef®'s rough texture and natural composition provide an ideal attachment surface for oysters, making a reef quickly!





Live oysters that attach to our sills improve water quality and ***grow*** vertically to keep pace with sea level.

They also increase the roughness of the structure, ***continuously improving*** its wave attenuation capability over time.



The McGinnis Point HOA had replaced their bulkhead ***twice* in 10 years**

They were looking for a ***better*** option...

Unlike a traditional bulkhead, which begins deteriorating upon installation, QuickReef® shorelines only become ***better and stronger*** as they recruit oysters.



January 2024





July 2025

QUICKREEF DEFENDER® REVETMENTS & OFFSHORE SILLS

Designed for the deepest in-shore waters and highest wave energies, our Quickreef® Defender™ sills and revetments extend our living shoreline capabilities with tested materials you can trust to perform at your coastal property.



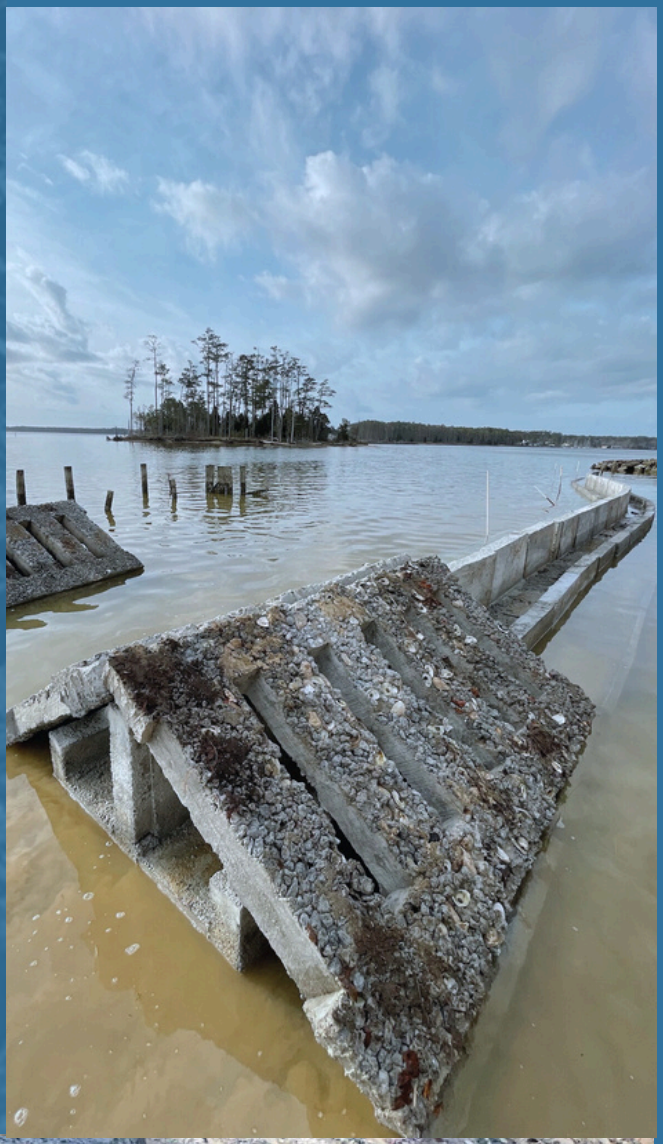




SEE IT FOR YOURSELF!

We're so confident in our product that you can view our performance against 300 different wave cases in the engineering report on our website.

Fully machine-deployed, each QuickReef Defender® unit mimics the same patented arrangement that has been proven to reduce wave energy, create outstanding habitat, and promote oyster growth. The overlapping nature of our QuickReef Defender® units enables the entire structure to act as a single unit, dispersing wave energy and distributing ground pressure, unlike "plopper" structures that consist of lines of single, unconnected units.





QuickReef Defenders® have been shown in wave tank testing to reduce wave energy comparably to rock structures.

QUICKREEF DEFENDER® SEMI-SILLS



Semi-Sills' interlocking nature and integrated splash pad hold sand in place and aid in plant establishment.

QuickReef® Semi-Sills are ideal for installations that require backfill and planting. By providing habitat that rip rap revetments cannot, QuickReef Defender® Semi-Sills create a ***living*** shoreline instead of merely an amored one.

QUICKREEF® SHORELINE HABITAT UNITS (SHUS™)

QuickReef® Shoreline Habitat Units (SHUs™) are a smaller version of our original patented offshore sill arrangement. SHUs™ are a modular, DIY- friendly living shoreline material that reduces wave energy while also providing habitat for both fish and oysters - ideal for lower-energy environments where castles or shell bags would typically be used.



Photo courtesy SCDNR

THEY ARE DIY!

We have easy to follow instructions that any homeowner can follow!



QUICKREEF® HABITAT REEFS



QuickReef® Habitat Reefs are customized solutions designed for ***your*** unique needs. Want to maximize oyster habitat? Need need structure for specific fish sizes? Need them to fit a specific piece of deployment equipment? We can make the exact reef you need!



Deployed by residential homeowners, the Billion Oyster Project in New York City, the NC Division of Marine Fisheries, and more, our reefs are highly adaptable.





QUICKREEF PRODUCTS COMPARISON SHEET


SHUs™


Original QR


Defenders®


Semi-Sills


Habitat Reefs

	SHUs™	Original QR	Defenders®	Semi-Sills	Habitat Reefs
Native Shorelines proprietary natural calcium carbonate cement	✓	✓	✓	✓	✓
Connected spaces within the structure create habitat	✓	✓	✓	✓	✓
Sloped interface with the water reduces wave energy	✓	✓	✓	✓	
Overlapping arrangement enables structure to function as a single unit	✓	✓	✓	✓	
Quantitatively proven to reduce wave energy		✓	✓		
Ideal for DIY and volunteer installations	✓				✓
Can hold-back sand for planting areas on highly eroded sites				✓	
Suitable for higher energy sites and barge-based installations		✓	✓	✓	✓
Fully customizable!			✓	✓	✓

OUR INNOVATIONS

At Native Shorelines, we are constantly innovating to discover new and enhanced solutions to fit ***your*** shoreline needs.

We have a variety of new products that are currently in development and are always on board to design a custom solution specifically for ***YOU!***



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Visit our website at www.nativeshorelines.com for more information on Native Shorelines products and services as well as pictures of our many installed projects.

And be sure to follow us on LinkedIn at www.linkedin.com/company/native-shorelines/

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