

# ORIGINAL QUICKREEF® LIVING SHORELINE



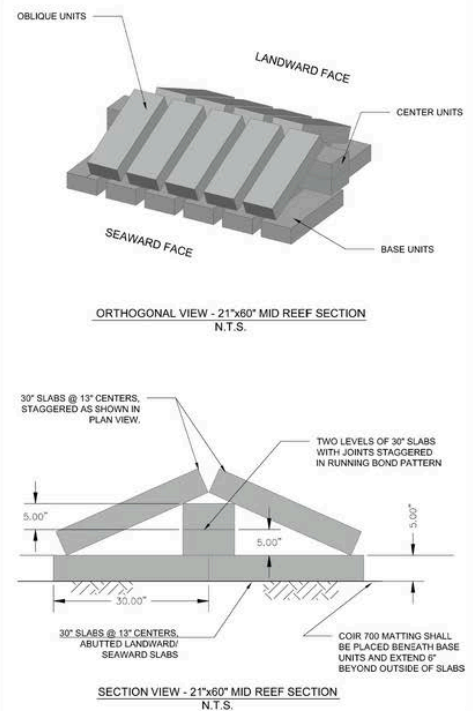
**QuickReef® living shorelines are made from a proprietary mixture of natural calcium carbonate materials cemented together**

There are a variety of materials on the market for living shoreline construction. Very few, however, are conducive to shallow-water installation. Even fewer resemble natural shorelines immediately upon installation. QuickReef® living shorelines solve both of these issues and more.

Comprised primarily of native coastal materials such as limestone marl and oyster shells, QuickReef® living shorelines provide an ideal substrate for oyster recruitment and aquatic environment enhancement. QuickReef® units are arranged in the shallow waters of the intertidal zone in a configuration that attenuates wave energy, encourages marsh accretion behind the structure, and creates aquatic habitat within the structure.

Due to its outstanding ability to attract and grow native oysters in brackish waters, QuickReef® living shorelines can naturally grow with sea level rise, providing long-term resilient protection for your shoreline. QuickReef® living shorelines create habitat for fish, blue crabs, oysters and more, while absorbing and reducing the energy from waves and boat wakes that erodes coastal shorelines.

Our original QuickReef® living shoreline system is available in 15" x 60", 21" x 60", and 24" x 80" configurations. QuickReef® caps can provide an additional 6" of height to the 21" or 24" configurations. 4'-long base units can be substituted for individual units to provide greater stability in higher energy environments or when a primarily equipment-based installation is preferred.



**NATIVE**  
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Native Shorelines is a proud partner member in the



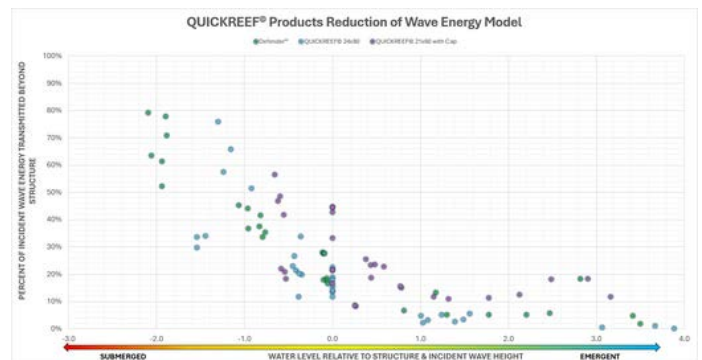
NETWORK FOR  
ENGINEERING  
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# QUICKREEF® INTERTIDAL LIVING SHORELINE PRODUCTS COMPARISON SHEET

	 SHUs™	 Original QR	 Defenders™
Native Shorelines proprietary natural calcium carbonate cement	✓	✓	✓
Interstitial space for faunal habitat	✓	✓	✓
Sloped interface with the water for reduced wave reflection	✓ *	✓	✓
Qualitatively & quantitatively proven to reduce wave energy	✓	✓	✓
Installed easily in DIY projects by landowners and/or volunteers	✓		
Installed easily by equipment		✓	✓
Multiple configurations available	✓	✓	✓
15" & 21" high	✓	✓	✓
24" high		✓	
27" & 30" high		✓	
36" & 48" high		✓	✓
Custom configurations	✓		✓

\*Quantitative modeling in progress at time of publication.

Made of primarily native coastal materials to encourage habitat regrowth, while effectively dispersing wave energy without being reliant on oyster regrowth, QuickReef® is rapidly becoming the gold standard of living shorelines. **Over 300 wave cases were tested at the University of South Alabama wave flume on QuickReef® configurations.** Engineering studies and engineered drawings are available upon request.



Visit our website at [www.nativeshorelines.com](http://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/](http://www.linkedin.com/company/native-shorelines/)

Numerical modeling and consulting provided by Southern Shores Engineering, Baton Rouge, LA

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