

WAVEBRUSH™



LOW-ENERGY BREAKWATER UNITS

Natrx WaveBrush is a low-relief coastal resilience solution. Its modular, naturalistic design slows waves, traps sediment, stabilizes soft banks and expands habitat in shallow, low-energy waters. In addition, WaveBrush uses minimal material and lightweight equipment, offering practical benefits through planning, installation and ongoing performance.

WAVEBRUSH-18™ AND WAVEBRUSH-18-W™

Create coastal resilience in hard-to-reach or localized project sites.

KEY APPLICATIONS

- Low to moderate wave energy environments
- Shallow waters
- Living shorelines
- Projects requiring low-relief solutions

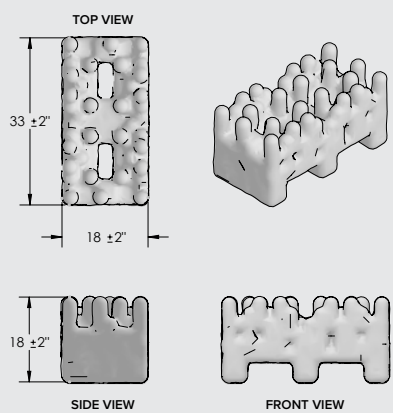
KEY BENEFITS

- Natrx ExoForms™ use up to 90% less material compared with rock solutions
- Reduced bottom impact by up to 80%
- Less bearing pressure on weak soils
- Straightforward planning and permitting
- Modularity allows for easy installation and adjustments
- Naturalistic appearance blends in seamlessly with the surroundings
- Up to 50% increase in surface area compared with breakwaters and seawalls promotes biodiversity
- Designed to be hydro-dynamically stable

INSTALLATION

Install WaveBrush-18 and WaveBrush-18-W structures by water or land. Required installation equipment is minimal and lighter in comparison to what's needed for comparable rock solutions.

WAVEBRUSH-18™



Dimensions:
33"L x 18"W x 18"T

Weight: 500 lbs

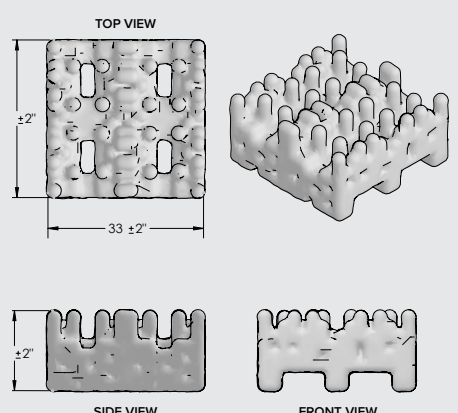
Benthic Surface Area:
23.4 ft²

Bearing Area: 4.1 ft²

Bearing Pressure:
121.2 lb/ft²

Material: Concrete (Portland-Limestone Cement Type II ASTM C595, Mason Sand ASTM C144)

WAVEBRUSH-18-W™



Dimensions:
33"L x 33"W x 18"T

Weight: 850 lbs

Benthic Surface Area:
39.7 ft²

Bearing Area: 7.6 ft²

Bearing Pressure:
112.4 lb/ft²

Material: Concrete (Portland-Limestone Cement Type II ASTM C595, Mason Sand ASTM C144)

Proudly Manufactured in Louisiana, USA

WAVEBRUSH-PLANTER™

Create durable, nature-positive structures that boost biodiversity and provide refuge for marine life with WaveBrush-Planter modules.

KEY APPLICATIONS

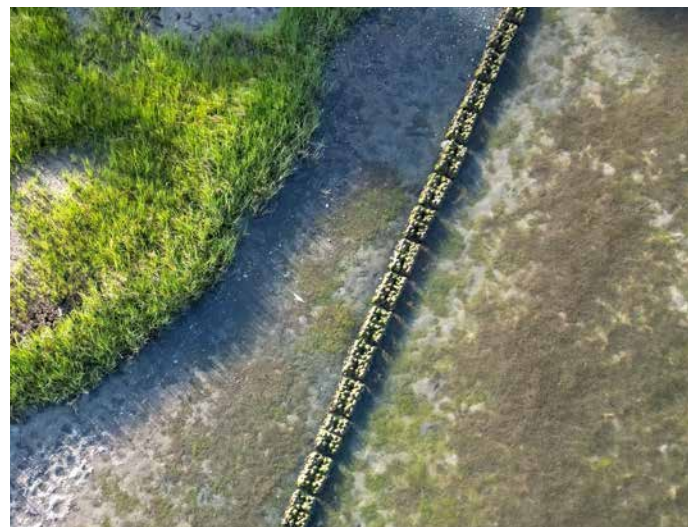
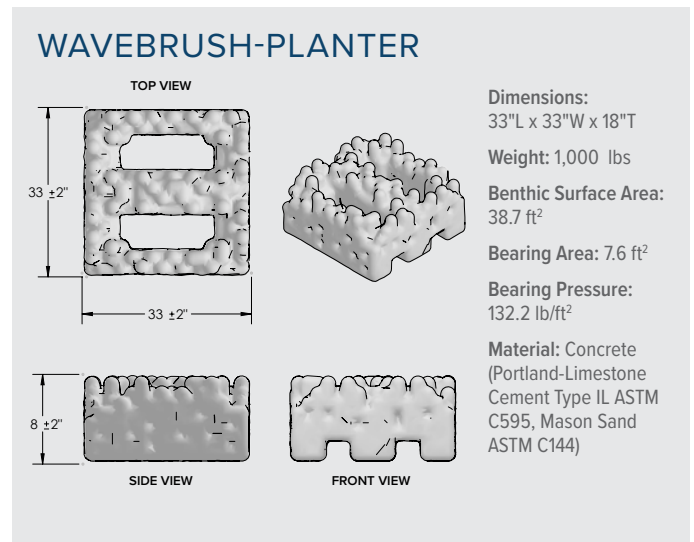
- Supporting marsh vegetation and shoreline plantings
- Living shoreline projects and coastal restoration
- Artificial reefs and fisheries enhancement zones
- Ecological features on breakwaters and jetties
- Bank stabilization and long-term shoreline resilience

KEY BENEFITS

- Dramatically less material usage than traditional rock-based solutions
- High-performance geometry creates, enhances, and protects coastal ecosystems
- Optimized surface area promotes marine growth and intertidal vegetation
- Low environmental disturbance and reduced bottom impact
- Naturalistic forms blend seamlessly with the surrounding environments
- Organic void spaces provide refuge for various marine species
- Integrated ecological uplift directly into coastal infrastructure

INSTALLATION

WaveBrush-Planter™ structures offer straightforward implementation and efficient deployment, requiring significantly lighter equipment than traditional rock solutions. The modular configuration provides flexibility across wide-ranging site conditions.



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For more information regarding Shoreline Protection, contact your local expert at infogeo@ferguson.com or visit us at fergusonwaterworks.com.