# Marine Discovery Center is Your Oyster: Habitat Restoration Materials and Vendorship Resources

## POSH

### Material

nced cement and recycled oyster shell. Cured oyster shells are mixed with cement, then poured into form.

### Applicatio

g Shoreline stabilization in intertidal zone for target 20-40% daily re with vegetation (i.e. smooth cordgrass, mangroves, etc.) planted dward. Perimeter for degraded oyster reefs. High energy zones.

### Pricing*

$30/unit

### Objective

break; accrete sediment overtime (increasing slope), allow planted on to establish; provide substrate for organisms to settle, forage, and find protection.

### Specifications

0.5m diameter, 0.3m height, 45lbs*
[*subject to vary]

## BESE Mats

### Material

BESE elements (interlocking mats made of potato starch waste and other biopolymers) with 30-36 cured and drilled oyster shells attached using stainless steel zip ties.

### Application

Mats are placed in appropriate tidal range to support oyster recruitment. Mats can be deployed in a grid format with spaces in between mats to allow for anchoring/weights and access for monitoring.

### Pricing*

$35/unit

### Objective

3-5 years of intertidal oyster recruitment substrate, habitat remains after mat material biodegrades.

### Specifications

0.5m x 0.5m
[*subject to vary]

## Oyster Shell

SHUCK & SHARE
OYSTER RECYCLING PROGRAM

Shuck & Share oyster recycling program collects shells from Volusia restaurants each week. Shell is cured on Marine Discovery Center can minimum of six months before use.

### Pricing*

$2 per gallon
$735 per ton

[*subject to vary]

Marine Discovery CENTER