

Elemental Innovation, Inc.

[Beach Protection](#) | Harbor Protection | Security Zones

HALO Ocean Wave Attenuators

Protect Your Beach and Prevent Erosion

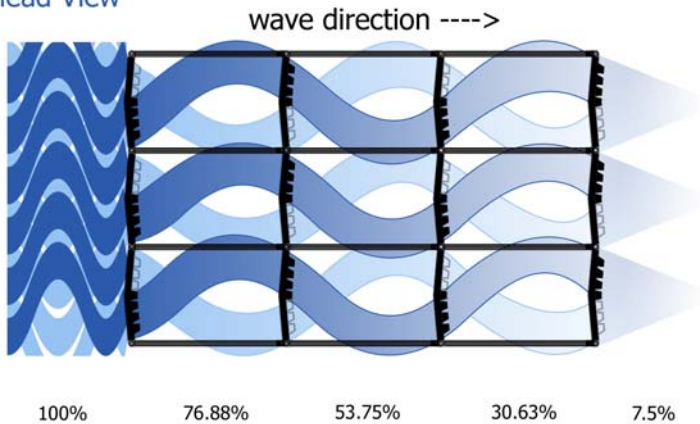
Conventional coastal protection systems like breakwaters, groins, and jetties are static structures that cannot be tuned to the varying wave conditions. Beach replenishment projects cost millions yet can't prevent escalating coastal erosion.

Let HALO Ocean™ protect and restore your beach from destructive waves that strip sand and damage property. HALO is the only modular attenuator capable of reducing a wave's height by 90%, twice as much as other attenuators.

Prevent Beach Erosion and Accumulate Sand

HALO Ocean units are tuned to filter out erosive waves and permit accretionary waves to pass through to accumulate sand. The eco-friendly HALO also acts as an artificial reef for wildlife.

Overhead View



Elemental Innovation Inc.
TOTAL COASTAL PROTECTION

1083 Bloomfield Avenue, West Caldwell, NJ 07006

050607



Absorbing rather than deflecting the force of waves, HALO can:

- Dissipate waves and wakes
- Maintain your current sand levels
- Prevent future sand erosion
- Restore your beach by retaining new sand

HALO wave attenuators

outperform conventional technologies for less than half the cost. HALO has modular, polymer, non-toxic, marine-grade panels that can be customized and rapidly deployed at a moment's notice.

Modular and tunable, HALO can be stacked, moved, and easily modified or reoriented in water. If conditions warrant, HALO can be moved or repositioned within days. HALO offers excellent protection against impending storms and natural disasters.

LEARN MORE | REQUEST A VIDEO
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