

An aerial photograph of a coastal area. On the left, a paved road winds through green vegetation. To the right, a sandy beach meets the turquoise ocean. The background features steep, rocky cliffs with some greenery. The sky is clear and blue.

SandsaverTM

Natural Solution To Beach Erosion

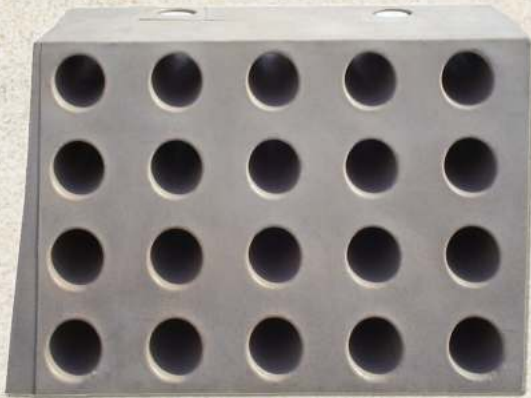
www.sandsaver.com

www.beacherosionsolution.com

www.grangerplastics.com

Sandsaver™

Sandsaver, is a patented rotationally molded beach renourishment barrier produced from certified, prime virgin Linear Low Density Polyethylene, (LLDPE) suitable for USDA/FDA approved food contact applications. The Sandsaver is a natural solution to increasing beach erosion issues, plaguing coastal communities all around the World. The Sandsaver™ works in (2) ways, First by breaking down the energy of the wave thus immediately reducing erosion. Secondly, by allowing the wave, which contains sand, to pass through the tapered holes and onto the beach surface. When the water retreats, it has to pass through the smaller portion of the tapered opening, allowing the sand time to settle onto the beach and not back into the surf, thus building beach.



- Sandsaver modules are approximately 5'(w) x 5' (d) x 3' (h)
- Sandsaver can be molded in various colors to match the sand at the location, or molded in high visibility colors.
- Sandsaver weighs 275 pounds empty; 5200 pounds when filled with concrete.
- Sandsaver holds 1.1 cubic yards of concrete
- UV protected polymer construction, 1000+ year half life
- Easily installed or removed with excavating equipment
- Versatile modular design can be incorporated into beach renourishment, vegetation or roads and infrastructure protection projects.
- Viable beach erosion solution for Oceans, Gulfs, Lakes, Intracoastal waterways and more!



Wave Energy being dissipated as waves crash against Sandsaver™ modules.
(Indian Ocean, Kenya)

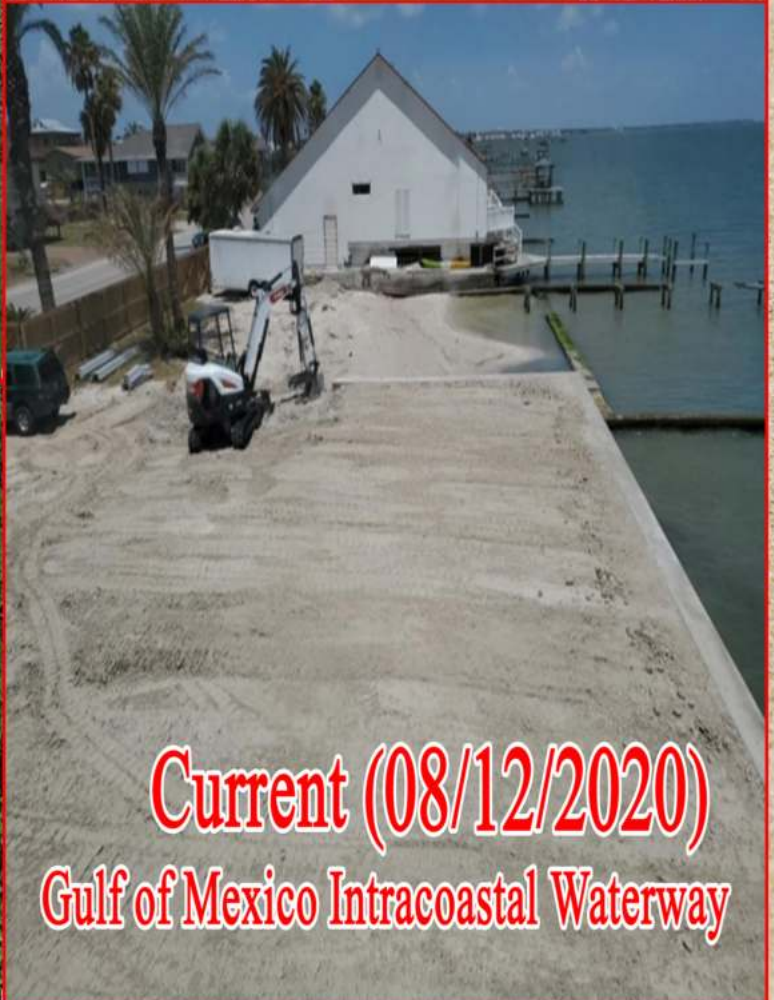
Sandsaver™ has been successful in rebuilding beaches on multiple continents and varying bodies of water including the Indian Ocean, Lake Michigan of the Great Lakes and the Gulf of Mexico. Sandsaver™ provides much longer term renourishment results over historically accepted methods such as beach dredging, coastal armoring, sea walls, groynes, jettys, etc. Because of Sandsaver's modular construction, the system can be removed and re-installed at another location or at a future date.

The Granger Plastics Company
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Lake Michigan Installation

Gulf Of Mexico Installation

**non-ideal installation conditions*



Indian Ocean Installation

**non-ideal installation conditions*



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