

LIVING SEAWALLS

BY KIND DESIGNS: A MIAMI CLIMATE TECH STARTUP



Kind Designs is 3D Printing the world's first Living Seawall slabs. The Living Seawall slabs are structurally identical to traditional seawall panels and can be used in any residential or commercial seawall project.

Specifications

Material	Reinforcement	Installation
<ul style="list-style-type: none">• Extrudable, non-toxic concrete• 5,000psi printable mortar facade• 5,000psi structural concrete core fill	<ul style="list-style-type: none">• Rebar (steel, carbon or fiber glass)• Reinforc can be customized to slabs specified in already permitted projects	<ul style="list-style-type: none">• Kind panels can be installed by any local construction company• Piles or tie-back• No special equipment necessary

Environmental Benefits

Artificial Reefs

Living Seawalls function like artificial reefs. They have deep caves for sea-life to hide from predators and attract manatees, fish, crustaceans and small marine organisms.

Sequester Carbon

Living Seawalls sequester carbon through biocalcification.

Collect Data

Living Seawalls collect essential water quality data.

Process & Team

We're a local team that's extremely passionate about our mission to protect coastal cities and nurture our marine life!

Kind Designs is the first company in the world to 3D Print seawalls.

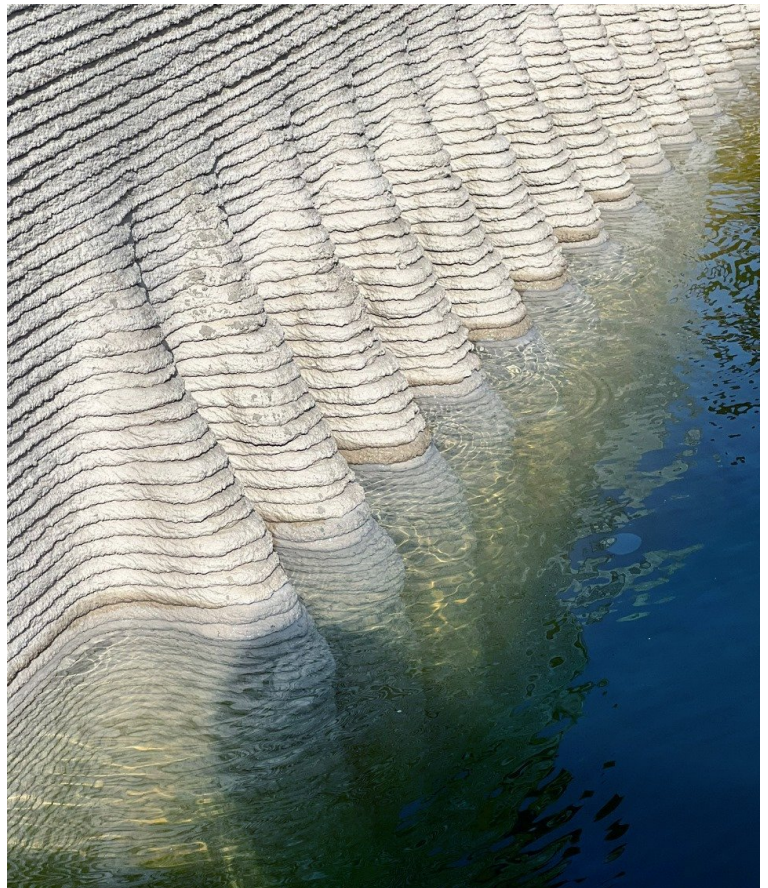
We have the world's fastest concrete 3D Printers. We 3D Print 10 foot living seawall panels in just 1 hour.



Design

Living Seawalls are designed to mimic the shape and texture of mangrove roots, a natural marine habitat.

With deep caves, micro textures, and grooves, our seawalls are ideal for marine life to hide from predators and call home.



Q&A

What is the price? \$30/SF. Living Seawalls are identical in price to traditional, flat concrete seawall slabs.

How are living seawalls installed? Kind Designs supplies the Living Seawall panels to local coastal construction companies who install and permit the projects. Living Seawall panels are installed exactly like traditional seawall slabs, with either piles or tie-backs.

What if our project is already permitted? All our initial Living Seawalls are for seawall projects that have already received a permit. Kind Designs customizes the panels to meet the seawall slab specifications that were provided in the initial plans.

Please contact us at:

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**Thank you for supporting our mission to
transform seawalls into
ARTIFICIAL REEFS**