ECOncrete®

ECO Armor Block

ECOncrete leads the world in bio-enhancing concrete technology that is the first to provide both superior strength and ecological benefits.
Our trailblazing products are found in ports and waterfronts across the globe. From now on, all high-performance concrete infrastructure such as sea walls, breakwaters, and harbors can be more durable over a longer lifespan while improving water quality and enhancing biological diversity. The patented technology incorporates three proven science-based elements that work in synergy.

Material Composition

Surface Complexity

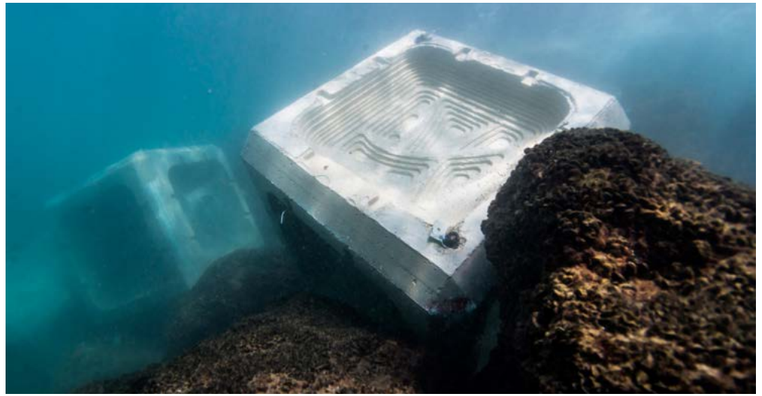
Macro Design

ECO Armor Block

ECOncrete's modular concrete armor units used for construction of coastal and marine defenses such as breakwaters and dykes, provide robust protection from hydrodynamic forces. ECOncrete's ecological Armor units comply with the strictest requirements of coastal and marine construction while enhancing biodiversity and generating valuable marine habitat.

The units can be used for both full concrete armor or integrated into rubble mound rock armor.

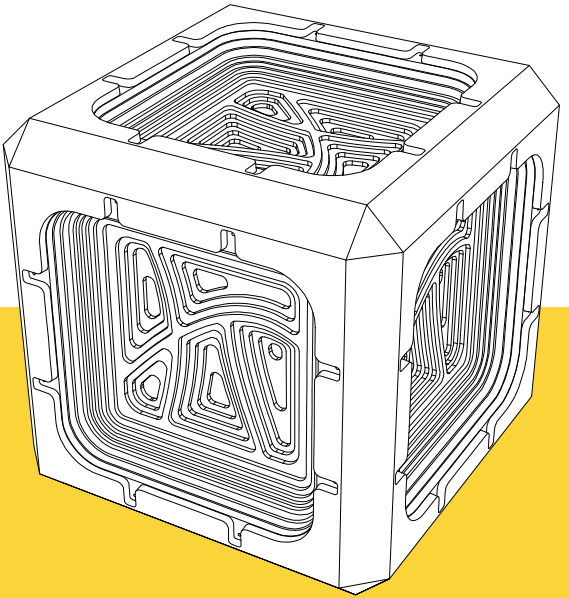
The ECO Armor Block was eco-engineered to accommodate different add-on elements for enhancement of target species for example oysters, fish, or seagrasses.



Benefits

- Structural Performance
- Low Maintenance
- Environmentally Sensitive
- Bioprotection
- CO_2 Carbon Sink
- Facilitated Permitting

ECOncrete®
Concrete Ecological Solutions



www.econcrete.us