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.
Tide Pool Armor

ECOncrete’s Tide Pool Armor adds beautiful water retaining features to breakwaters, riprap, revetments and dykes. The modular concrete Tide Pool Armor creates well-defined local ecosystems that mimic natural rock pools, increasing biodiversity while providing robust protection from hydrodynamic forces. The tide pools are designed to be easily installed, using standard construction methods, and have been integrated into existing waterfronts in the US, Europe and Asia. The product received the Global Biomimicry Design award for outstanding ecological and structural performance.