ECo

Bio-Active Wall System
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.
Bio-Active Wall System

ECOncrete’s Bio-Active Wall System is a revolutionary concrete application designed to induce rapid plant coverage on buildings, retaining walls and urban spaces. It induces natural growth of wall plants, lichens and mosses. Its high complexity and porosity create moist niches that support flora, without the need for complex soil systems.

Green plant coverage significantly improves urban landscapes, provides cleaner and healthier air and reduces the ecological footprint of urban development. The bio-active wall elements are an easy solution for areas such as sunken gardens and facades, and can integrate planting pockets.