

ARCIS

Lightweight and beautiful concrete decking without corrosion concerns

An innovative alternative to wood, composite or conventional concrete decking, ARCIS panels can provide exceptional long-term durability and attractive looks while reducing structural requirements and improving ease of handling with their remarkably light weight.

ARCIS mix designs and stainless steel prestressing deliver a material that withstands the harshest marine settings and environmental demands: salts, freeze-thaw cycles and heavy traffic. Architectural finishes deliver great looks and a textured, slip-resistant surface. ARCIS panels can incorporate recycled material content for added sustainability and life-cycle benefits.

Panels can be made or adapted to meet new and local environmental and operational requirements for marine decking products.

Built to perform. And last.

Boasting panel depths from 0.75 inches (19mm) to 2 inches (51mm), ARCIS ultra-thin, precast, prestressed technology delivers the renowned strength and non-combustibility of concrete. High-performance concrete mix designs provide strengths in excess of 5000 psi (35 MPa) to withstand everyday punishment.

ARCIS panels use non-corrosive, high-strength aerospace grade stainless steel prestressing—pretensioned cable strand—placed longitudinally and transversely in the panel face to impart strength, crack control and durability while allowing concrete cover to be minimized. The stainless steel tendons are placed slightly off the midplane of the panel to resist curling, warping and cracking.



MARINE DECKING

The versatility and durability of precast concrete in a marine decking system continued

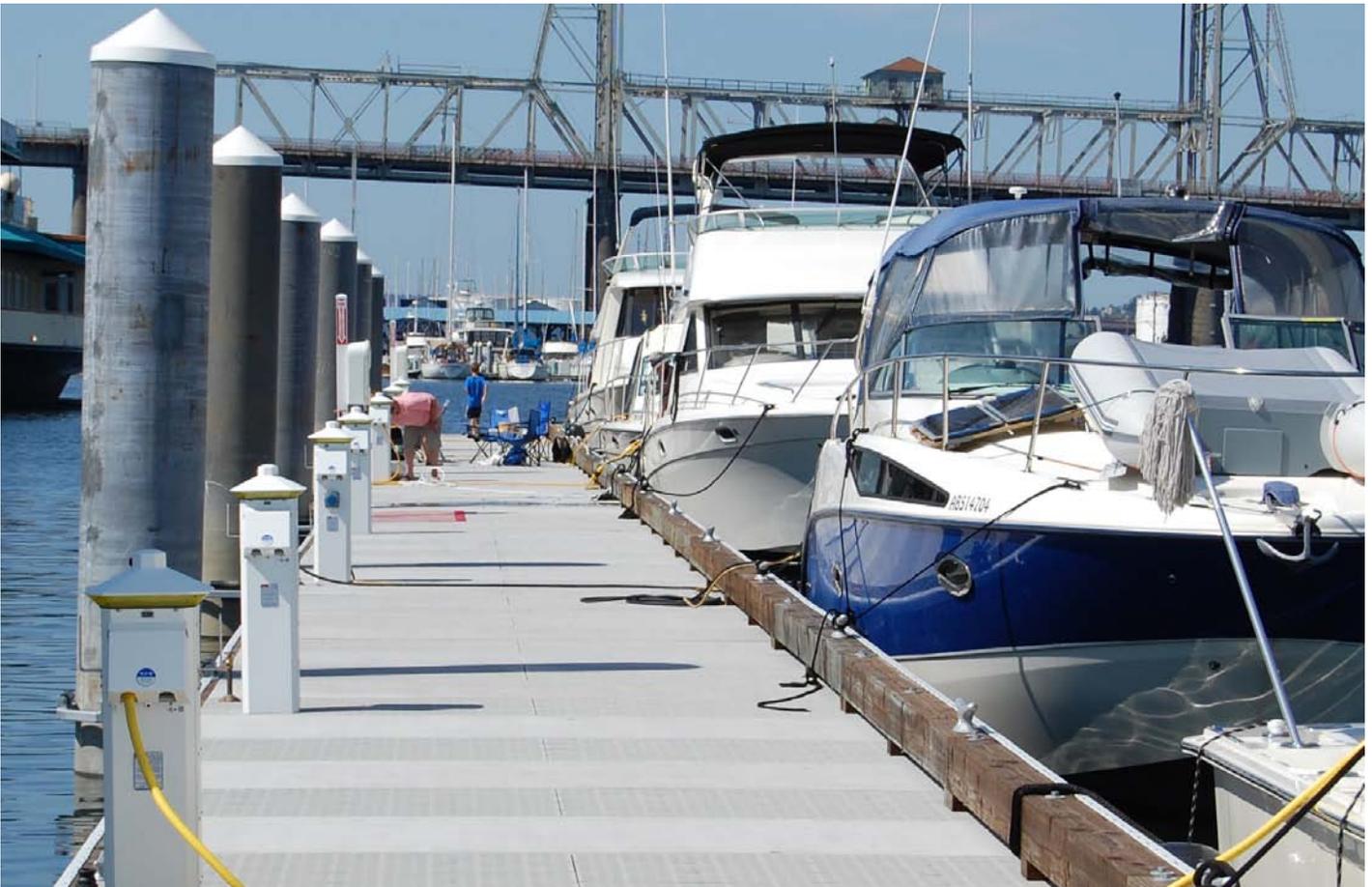
Panels can be produced in a variety of sizes from as small as 20 square feet (1.8m²) up to 8' x 13' (2.4m x 4m) and 8' x 15' (2.4m x 4.6m) in some markets. Also their light weight—9.4 psf (46 kg/m²) to 25 psf (122 kg/m²)—reduces substructure demands and associated costs.

A lifetime of attractive looks

ARCIS panels are custom manufactured with exacting details. Popular precast finishes such as sandblasting, acid etching and polishing are possible. Insets, colors and relief can be provided

through the use of form liners and pigmented concrete. Durable patterns and designs can be imparted with the innovative Graphic Concrete treatment, available exclusively from AltusGroup precasters. You're only limited by your imagination and project requirements.

The modular configuration of ARCIS panels allows for amazing flexibility. Cut holes in panels with conventional tools to attach fixtures or provide utility access—without compromising long-term durability. Replace a panel if needed. Few decking systems can offer this extreme flexibility and capability economically.



ARCIS

Visit arcispanel.com or call 888-GO-ALTUS for technical data, specifications, and a list of licensed precasters.

altusgroup®

Precast innovation powered by collaboration