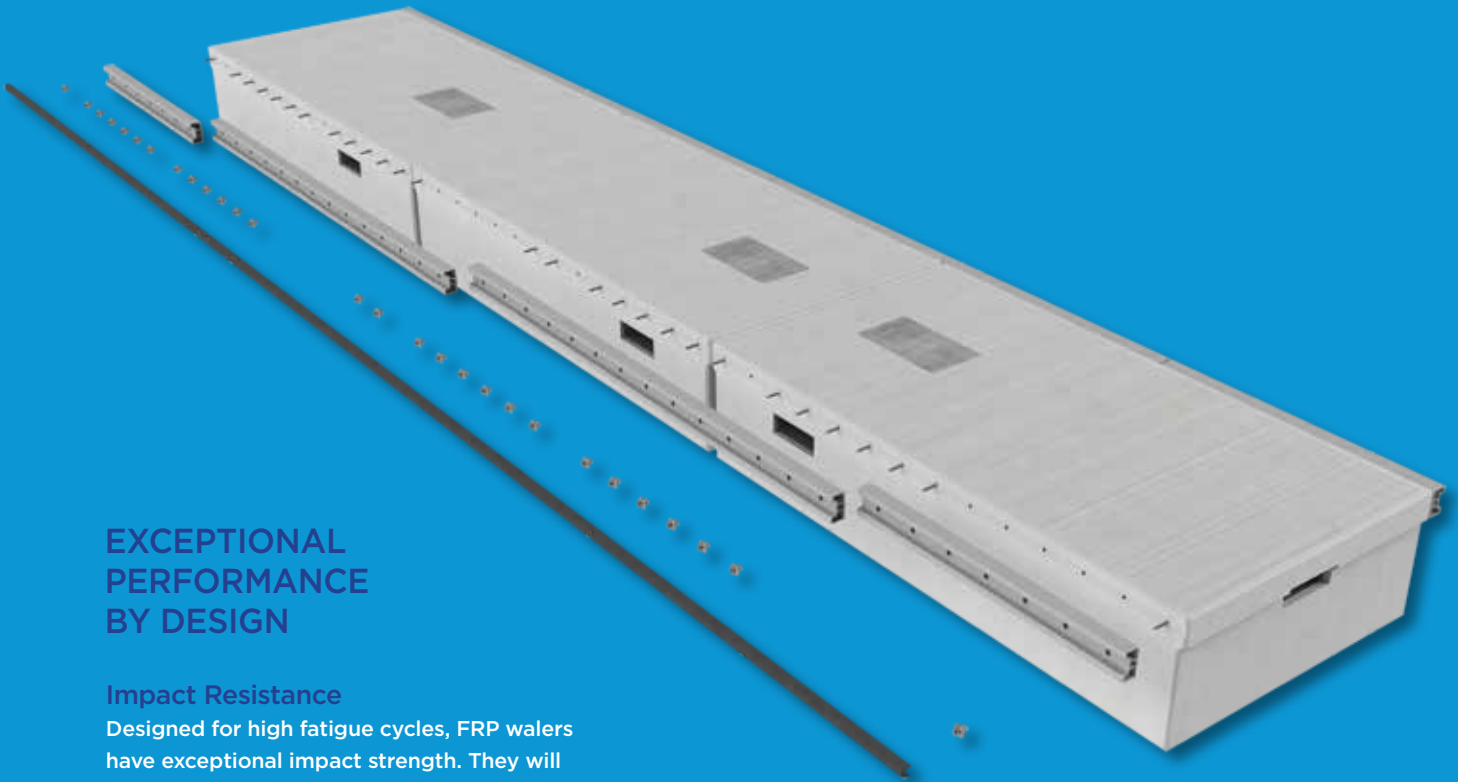


Build for Future Generations

EXTEND YOUR DOCK LIFE WITH FRP WALERS



Specifically designed for the Unifloat concrete dock system, FRP walers from Bellingham Marine have a predicted 75+ year service life.



EXCEPTIONAL PERFORMANCE BY DESIGN

Impact Resistance

Designed for high fatigue cycles, FRP walers have exceptional impact strength. They will not warp or deform under impact.

Strength

Designed for high tension and compression strength, pound for pound, FRP in tension is stronger than steel, aluminum, and wood.

Stiffness

FRP walers are extremely rigid. Testing shows the FRP waler exceeds stiffness requirements for dock construction by nearly three times.

Chemical Free

FRP products are 100% safe for use in the most sensitive marine environments.

Rot Resistant

Unaffected by moisture or immersion in water, FRP walers will not rot or decay.

FRP Walers for Unifloat Concrete Docks

Fiber reinforced polymer (FRP) walers are everything you want – long-lasting, low-maintenance and environmentally neutral.



FRP Finger Waler
Marina del Rey Marina, California

PRODUCT SPECIFICATIONS

The FRP waler is a structural component of the Unifloat concrete dock system. A fiber reinforced polymer product, the FRP waler is designed, engineered and manufactured under controlled conditions to meet strict ISO 9001:2008, ASTM, and specific company performance standards.

This purpose-manufactured product contains a high fiber volume fraction of high strength fiberglass filaments resulting in exceptional strength and stiffness characteristics.

Fiberglass filaments have a minimum tensile strength of 290 ksi. A UV light absorber additive provides superior UV performance.

Structural, Walkway Walers

Compression Strength (Lengthwise) per ASTM D6641- 60,000 psi
In-Plane Shear Strength (Lengthwise) per ASTM D5379 – 7,500 psi
Bearing Strength (Lengthwise) per ASTM D953 with a 3/4" pin – 21,000 psi
Modulus of Elasticity (Full Section) - 4.5E6 ps

Semi-Structural, Finger Walers

Compression Strength (Lengthwise) per ASTM D6641- 40,000 psi
In-Plane Shear Strength (Lengthwise) per ASTM D5379 – 6,000 psi
Bearing Strength (Lengthwise) per ASTM D953 with a 3/4" pin – 21,000 psi
Modulus of Elasticity (Full Section) - 4.0E6 psi

WE ARE HERE TO ANSWER YOUR QUESTIONS

For more information about
FRP walers please call or e-mail:
Phone: 360-676-2800 or
bmi@bellingham-marine.com

