OVERVIEW

FiberWALES are Fiber Reinforced Polymer (FRP) structural sections with higher bending strength and stiffness than plastic lumber. This distributes impact loads to more pilings in a fender system. The product was developed for fender geometries that require the wales to be formed to a tight radius. This can be important in narrow channels or areas where many wales are needed. Shapes can be box sections or hat sections.

PRODUCT FEATURES

FiberWALES can be designed with different dimensions and thicknesses to cost-effectively meet performance requirements. Shapes can be box sections or hat sections. The impact face of the wales has a UHMW-PE layer for abrasion resistance and low friction. FRP splices provide a bolted connection between wales.

PERFORMANCE ADVANTAGES

- High strength
- Superior energy absorption
- Recoverable deflection
- No maintenance
- Corrosion resistant