

Erosion Control

SuperLoc™ Composite Sheet Pile System, a fiber reinforced polymer (FRP) composite system, is manufactured by the pultrusion process and is designed and manufactured to provide a solution for deteriorated waterfront structures subjected to the harsh marine operating environment.

SuperLoc™ is an alternative construction material without many of the performance disadvantages of conventional materials such as aluminum, concrete and wood. SuperLoc™ will not corrode, decay or spall, thereby reducing maintenance costs and future replacements. The FRP composite system resists impact, creep, UV and weathering effects better than vinyl (PVC) materials and are easier to install in harder soils than vinyl (PVC) materials and are easier to install in harder soils than vinyl (PVC) sheet pile.

Project Description

Situated on the property of a local brewery this "SuperLoc" wall acted as a surface/ground water diversion structure. Installed at a low point on the property, where storm water collected, the all fiberglass "SuperLoc" wall directed overflow to piping which connected to storm sewers in the area. The final product was back-filled with gravel and topsoil and then was seeded. Fabricated entirely from pultruded fiberglass (FRP) structurals, these enclosures provide an aesthetically pleasing shroud for cell phone antennas and other electronic gear. Fiberglass has virtually no RF signature, is light in weight so as not to overload roof structural limits and is completely ready to be assembled on site. In addition, the individual fiberglass pieces contain UV protection in the form of resin additives and a synthetic veil. Call Ultra for further information and design assistance.



ULTRA
FIBERGLASS SYSTEMS

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