



FIBERGLASS GRATING & STRUCTURAL SYSTEMS

A GIBRALTAR INDUSTRIES COMPANY

Success Stories

Pulp Mill Chlorination Tower Meets Corrosion-Resistance, Maintenance and Worker Safety Objectives

Doing one good job often leads to another. One of Seasafe’s more recent turnkey projects was a field-erected FRP chlorination tower designed and produced for a major specialty pulp manufacturer in the southeastern U.S. Due to the nature of the chlorination process, several perimeter platforms were built



at various elevations, with four caged FRP ladders, each 30- feet long. The floor of each platform consists of Seasafe GatorGrate GG1515-VFR,

1-1/2" thick grating with 1-1/2" x 1-1/2" grid pattern, vinylester, fire retardant resin.

“The salt and chloride used in this process is highly-corrosive, so FRP was our first requirement in terms of corrosion-resistance, maintenance and worker safety,” according to the plant engineer who supervised the installation.

Speaking of worker safety, Seasafe also provided fire retardant handrails as well as caged ladders. Stainless steel hardware was included in the package.

“FRP structurals have given us far longer life than conventional galvanized steel grating and handrails,” revealed the engineer. “Our experience with other Seasafe installations has been very positive, so they were our supplier of choice in this one, too.”

This customer has used Seasafe in a pulp mill in the same region, for sump and trench covers. In that instance, panels were provided for field-fabrication.

“The relationship between Seasafe and this pulp manufacturer goes back more than 11 years,” according to a Seasafe sales executive. “We’re fortunate to have an excellent stocking representative in the area, Bushong Industrials, and the chlorination tower was erected by LaValley Construction of Biloxi, Mississippi, an FRP tank and fitting firm with whom we also have a long-established business relationship.”



One of several perimeter platforms installed at various elevations.

Chlorination tower has four caged ladders, each 30 ft. long.