



FRP constructions: Vinylester walkways in an electrolysis.

Problem	In the copper electrolysis of Cumerio, the environment is very corrosive. The electrolyte contains 200 g/l H_2SO_4 at 65°C. Between the cells, walkways including handrails needed to be installed at 5m height.
Solution	Vinylester resin offers an outstanding corrosion resistance to the electrolyte. The Vikugrate gratings have a covered top plate with grit.
Size	1000m ² of Vikugrate with 4000m of supporting profiles and 200m of handrails.
Year of construction	1996 and 1997
Benefit	FRP materials are the ideal solution for your corrosion problems. Beside the light weight the materials offer low maintenance costs since they are colored in mass. They do not need painting. The material is non conductive and non magnetic. It has no plastic deformation and is thermally stable.