



FRP constructions: Staircase tower nearby cooling tower.

- Problem** Nearby cooling towers, the secondary equipment (handrails, ladders, gratings, internal walkways,...) are subjected to heavy corrosion. Traditional materials such as galvanized steel and wood need severe maintenance.
- Solution** In order to deal with corrosion, low maintenance cost and ease for installation Fiber Reinforced Plastic beams and gratings are used. They are the ideal material to withstand corrosion. They do not rust and are not attacked by bacteria's.
- Size** the tower is 12m high, used profiles:- Box 75 x 75 x 6
 - Box 60 x 60 x 4.5
 - U 200/80/8
 - U 150/50/6
- Year of construction** 2001
- 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.