



FRP gratings and handrails : in chemical industry

- Problem** The steel access tower nearby a salt production unit had serious corrosion problems. Handrails were strongly corroded (several connections no longer existed) and the wooden stair steps were slippery and rotten.
- Solution** Vink engineers examined the site and convinced the customer to use FRP handrails and molded gratings.
- Materials**
- Vikugrate Stair treads and gratings
 - FRP handrail system :
 - box 60 x 60 x 4.5
 - handrail profile
 - kneerail 38 x 32
 - kickplate W150/3
- Year of construction** 2002
- Benefit**
- corrosion free material
 - yellow colour for the handrails increases safety
 - no more painting in the future by using FRP
 - outstanding antiskid properties of the gratings (R13 – V10 according to DIN 51 130)
 - VCA certified installation team