



## FRP constructions: Cycle shed

<b>Problem</b>	A lot of the Vink employees use the bike for their commuter traffic. The Vink management decided to build a new cycle shed, with a transparent look.
<b>Solution</b>	As experienced team in FRP-structures, the VINK FRP division constructed a FRP shed with polycarbonate cladding. The light weight of the profiles helps to limit the amount of fixing points and results in a low maintenance cycle shed. A Vikupul, pultruded grating containing 2 different sizes of mesh was integrated in the fence.
<b>Materials</b>	U 150/50/6 Square box 100/100/6 Handrail system containing: square box 60/60/4.5, ergonomic handrail and Vikupul pultruded grating fencing. Stainless steel fixings. Lexan Exell
<b>Size</b>	20 m x 5 m x 3 m
<b>Year of construction</b>	2008.
<b>Benefit</b>	FRP materials offer low maintenance costs since they are colored in mass. They do not need painting. It has no plastic deformation and is thermally stable.