



Compressed water pipes, Oberwald (CH)



Application: Watertight cave covering
Customer: Kraftwerk Rhone Oberwald
Object: Hydropower plant
Country: Switzerland
Year: 2016
Fiber: Concrix ES 50 mm

Short description
Pre-fabricated element (Diameter 3 m, length 6 m) for lining of the compressed water cave. Outer shell GFK 51 mm, internal concrete 12 cm reinforced with 4.5 kg/m³ Concix ES 50 mm, without additional steel reinforcement

- Advantage of the Concix-solution for this project:**
- Cost reduction trough substantial reduction of the steel reinforcement
 - Decrease of the labour costs (no time-consuming laying work)
 - No risk of corrosion
 - **Static calculation free of charge** (finite elements)