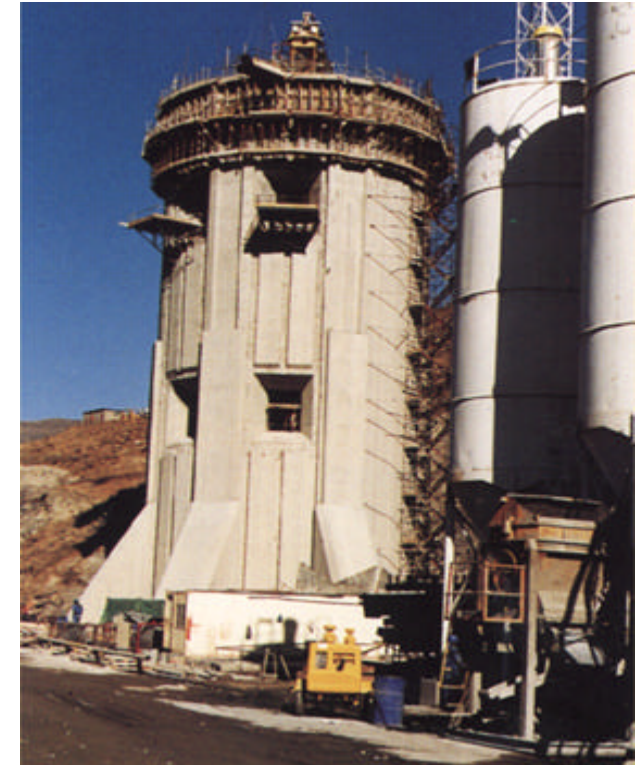


Lesotho highlands water project (1995)

- ω **Project : A water reservoir and potable water transfer to the Johannesburg area (South Africa)**
- ω **Realisation : Lesotho Highlands Project Contractors (LHPC)
Spie Batignolles, Campenon Bernard, Züblin, Balfaur Beatty and LTA**



Lesotho highlands water project (1995)

⌚ Specifications :

- Concrete coating of the transfer tunnel, a total of 200 000 m³
- The essential aim : optimal watertightness

Maximum water reduction associated with a workability suitable to place good concrete. The necessity to obtain in 8 hours 3 MPa compressure strength and to be able to pump a distance of 200 m.

Total volume : 2 600 000 m³

⌚ Admixtures :

- Chrysofluid GT (super plasticiser)
- Chrysotard CE (set retarder)
- Chrysoxel GTX (accelerating superplasticiser)