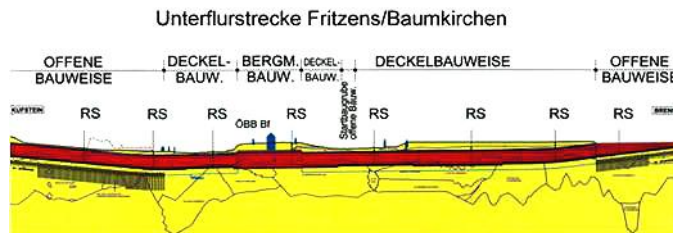


# FRITZENS / BAUMKIRCHEN TUNNEL



**Brenner Rail Axis, Northern Approach Line, Fritzens / Baumkirchen Tunnel, Austria**

**Project period**  
1999 - 2012

**Construction cost**  
109 M € approx.

## **Services provided**

Feasibility study, submission planning, tendering, execution planning, geotechnical engineer on-site, as-built planning

## **Technical details**

Double track railway tunnel,  
2 370 m in top cover construction method under compressed air  
430 m in shotcrete technique with injection screen under compressed air  
90 m in cut & cover method  
5 emergency exits