

## Project report

## Amberg Tunnel A41 Vorarlberg (Austria)



**Customer:** RWE Solutions Austria GmbH  
Lastenstraße 19  
1233 Vienna  
Austria

**Type:** Road tunnel

**Length:** 2967 m

**Year of manufacture:** 2003 - 2004

The Amberg tunnel as by-pass of the city Feldkirch is part of the highway A 14, Rheintal highway, leading from the border crossing at Hörbranz to Bludenz-Montafon with a total length of 61,4 km.

With the completion of the west tube of the Amberg tunnel and the putting into service on 16 July 1985 the Rheintal highway is continuously accessible, however in the area of the two large tunnels for the moment only two-lane in the oncoming traffic. At that time in the first year of

operation the Amberg tunnel had a daily average traffic of 10000 vehicles/24 hours. Since then the traffic figures increased dramatically and the traffic jams at the portals are nothing unusual. By now the Amberg tunnel is used on an annual average of 23000 vehicles per day, thereof 2400 trucks. The highest daily load is even 38000 vehicles.

For this reason the Amberg tunnel is the most polluted single tube tunnel in the Austrian motorway network with exception of the intra-urban tunnels. A comparison with single tube tunnels confirms this.

### Products:



- **System:** Hinged door with 2 personal doors
- **Number of leaves:** 2
- **Drive:** Spindle drive
- **Fire protection:** T90
- **Suction/Pressure:** 2000 Pa
- **Dimension:** 4,5 m x 4,5 m
- **Quantity:** 10 units
- **Location:** Cross cut

