

Project report

Kappelberg Tunnel Stuttgart (Germany)



Customer:	Dürr GmbH Dammstraße 21 71384 Weinstadt-Endersbach Germany
Type:	Road tunnel
Length:	1,6 km
Year of manufacture:	2005

The Kappelberg Tunnel in the Rems-Murr-Kreis in Baden-Wuerttemberg is a twin-tube, open cut road tunnel erected in that section of the federal road 14 as a kind of motorway, which connects the Neckar valley to the east Remstal of Stuttgart. Construction commenced in July 1986, the cost of construction amounted to 63 million D-Mark. The section to the Neckar Valley Viaduct Untertuerkheim at the Mercedes-Benz Arena was put into service on 14th December 1992. The entire route up to the highway 10 was opened on 29th of December 1994. Since then there is a traffic up to 80000 vehicles a day on this section of the federal road 14.

At the ADAC tunnel test in 2002, the Kappelberg Tunnel was classified as "alarming"; in the following year fire prevention regulations have been tightened. The tunnel was therefore generalized from May 2004 to November 2005. During the work, the walls have been brightened, new ventilation equipment, lockable exit doors and new lights have been installed, a height control system has been installed and a new asphalt surface has been applied.

Early 2006 the ADAC tested the Kappelberg Tunnel again, this time the result was "very good".

Products:



➤ System:	Sliding door, TSN-16
➤ Number of leaves:	1
➤ Drive:	manual
➤ Fire protection:	T-90, smoke-proof
➤ Suction/Pressure:	0,5 KN/m ²
➤ Dimension:	1,2 m x 2,2 m
➤ Colour:	RAL 6029
➤ Material:	1.4571
➤ Quantity:	31 units

In addition, 12 units T-90-swing doors and 4 units T-90-hinged doors (TSN-11), single-leaf, have been installed

