

Project	Arlberg Expressway S16 Tunnel Strengen
Client	Alpenstraßen AG
Consulting Services	2000-2005 construction supervision and project management (civil works, E+M works)
Total Cost	US \$ 180 million
Technical Data	northern tube: length 5,740 m southern tube: length 5,659 m including pre-cuts and road construction works



Description	<p>Section Pians Flirsch is the final section to be constructed along the Expressway S16 in Tyrol. During the years 2000 – 2005 this gap will be closed with two tunnel tubes, each with 86 m² excavation area and 5700 m length.</p> <p>In geological terms the tunnels are located in so-called “Landecker quartz phyllite”, which shows friable to pressure exerting behaviour. The New Austrian Tunnelling Method (NATM) is applied as construction method for the tunnels.</p>
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