



Koralm Tunnel – Railway equipment Austria

Europe's most significant infrastructure project connects Styria and Carinthia in a whole new way.

Following the completion of the structural work and the solid track bed, the 'invisible nervous system' – the highly complex technical equipment – was constructed and installed to enable the safe, efficient and forward-looking operation of this high-speed line in the first place.

From modern catenary and traction power systems, through highly advanced control and safety technology, to ventilation and emergency response systems.

We are setting new standards in modern European railway construction.

Location:	Austria
Client:	ÖBB Infrastruktur AG
Construction period:	April 2023 – November 2025
Services:	Tunnel ventilation systems; telecommunications technology, emergency call systems, tunnel radio systems; public address and video systems; raised floors, fire barriers, cable support systems
Executing companies:	Rhombberg Sersa Bahntechnik, PORR Bau GmbH
Parity:	50 per cent – 50 per cent



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An overview of our services

SFECable Installation Services:

- ✓ 50 Hz power lines, telecommunications, 110 kV power lines

Power engineering:

- ✓ Construction of MV networks, LV, HV and VHV, electrical installations
- ✓ Illuminated handrail in the driving tunnel
- ✓ Lighting systems, cable routing in ventilation shafts, fire protection systems, cable laying in the portal area for OLA, fitting out of operations rooms at Weststeiermark and Lavanttal stations, Weststeiermark control centre

Telecommunications:

- ✓ Telecommunications technology, emergency call system, tunnel radio, fibre-optic cabling, local cabling, data network, fire alarm

system, room surveillance systems, equipment for emergency stop points, public address and video systems, acoustic measures

Security technology:

- ✓ Supply, handling and pulling of cables for security technology equipment and supply to axle counters

Mechanical systems:

- ✓ Tunnel ventilation system, cross-passage ventilation/cooling, NHS waiting area ventilation, ventilation buildings, portal buildings, high-pressure water mist systems and NHS fire-fighting water systems

Structural work in the tunnel:

- ✓ Raised floors, bulkheads, cable support systems, technical room doors, NHS equipment, dry pipe system in QS



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