

AUSTRIA | TYROL

TUNNEL ROPPEN



FIRECURTAINS in action

FIRECURTAINS • Situation without FIRECURTAINS

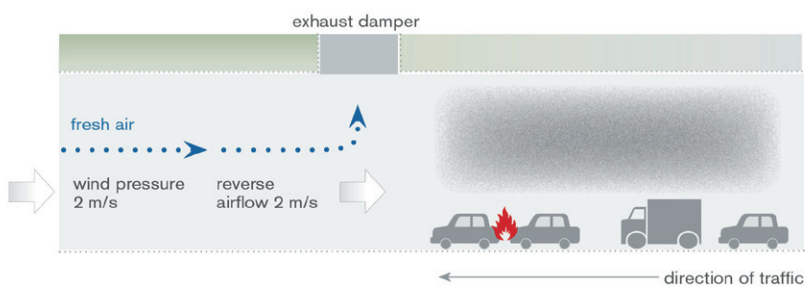


Figure 1: Situation without FIRECURTAINS

FIRECURTAINS • Situation with FIRECURTAINS

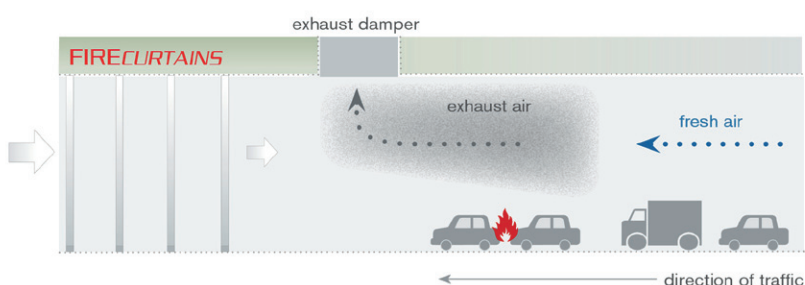


Figure 2: Situation with FIRECURTAINS

PROJECT

To increase the safety in road tunnels a second tube was constructed in the Roppen Tunnel in 2009. Aigner Tunnel Technology is responsible for development and first installation of FIRECURTAINS to save lives in case of fire.

How do FIRECURTAINS work?

Figure 1: Due to meteorological conditions it is not possible to control the airflow in case of fire in a tunnel. Mainly clean air from the exit portal is extracted; people standing before the fire are in an extremely dangerous situation. Figure 2: FIRECURTAINS reduce the airflow in the tunnel. As a result the aspiration system is now able to remove the smoke and to protect people.

TECHNICAL DATA

System: FIRECURTAINS
Length: 5.069 m
2 Tubes: 4 curtains in each tube

OUR SERVICES

Engineering • Installation • Maintenance

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