



INNOVATIVE. FIRE. SYSTEMS
PROTECTION. PASSIVE. INCENDIE

PERTHUS TUNNEL

LGV – PERPIGNAN – FIGUERAS



FIRE PROTECTION - LEAD-IN SHAFTS

For the new tunnel for the high-speed train between Perpignan and Figueras, the lead-in shafts have been the subject of particular care relative to fire protection. The Franco-Spanish contract owner and the prime contractors have recommended extra fire resistance for the lead-in shafts in accordance with circular 2000-63 applied to road tunnels, and have decided to use extra level N3 (HCM 120 and CN 240) heat protection. Furthermore, the thermal requirements recommend a maximum temperature of 80 degrees inside the shafts. A complex of FIRE BARRIER 135 and high-temperature resistant insulating fabric has therefore been installed in more than 800 lead-in shafts on the two quays in each tunnel.

INNOVATIVE. FIRE. SYSTEMS



TYPE OF SHAFT: TWO PLATES 1200 X 475



TYPE OF SHAFT: THREE PLATES 1800 X 475