



**INNOVATIVE. FIRE. SYSTEMS**  
**PASSIVE. FIRE PROTECTION**

**LA BAUME & MIRABEAU TUNNEL**  
**ESCOTA A 8**



**FIRE PROTECTION for LEAD-IN SHAFTS and REFUGES**

The owner, **ESCOTA**, assisted by the prime contractor, **INGEROP**, carried out the work to ensure Tunnel safety in these 2 Tunnels in spring 2007. The fire resistance of lead-in shafts had to be provided in accordance with circular 2000-63 with an N3 level of insulation for a non-exposed surface temperature of less than 80 degrees. **FIRE BARRIER 135** was installed in prefabricated sheets, 75 mm thick, with a fire-resistant seal round the edge.

The walls of the refuges made of hollow building blocks, 15 cm thick, were insulated against fire to HCM 120 by spraying 3 cm thick **FIRE BARRIER 135**.