



## **INNOVATIVE. FIRE. SYSTEMS**

### **PASSIVE. FIRE PROTECTION**

### **LECCO TUNNEL (VALSASSINA - ITALY)**



#### **FIRE PROTECTION – SLAB under DUCT**

To meet the requirements of French circular 2000-63 of 25 August 2000, the Italian tunnel owner ANAS STRADE spa, wanted to improve the fire resistance of the concrete slab under the extraction and emergency ventilation ducts. FIRE BARRIER 135 was applied in 28 mm thick to guarantee a level N2 (or HCM 120). This work was performed in summer 2005, over 38,800 m<sup>2</sup>.

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**FIRE PROTECTION LEVEL N2**  
**28 mm of FIRE BARRIER 135**



FIRE BARRIER 135 sprayed and **smoothed** to obtain a "READY-TO-PAINT" finish



Application of FIRE BARRIER 135 horizontally on the inner walls opposite the "emergency tunnel" not to exceed the 60 degrees required by circular 2000-63 of 25 August 2000