

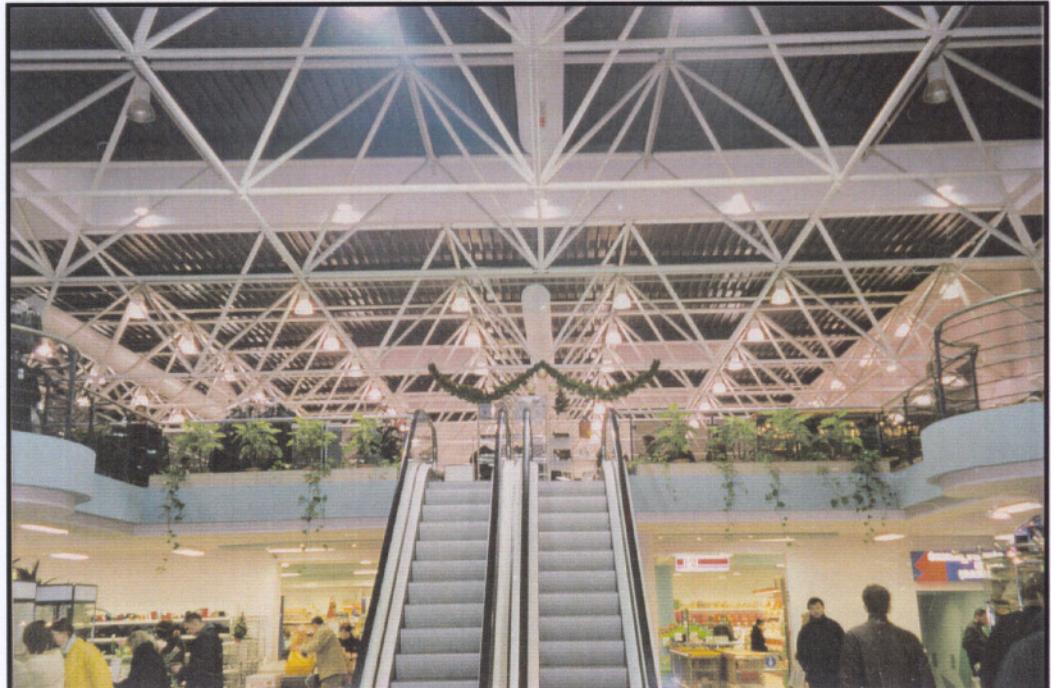
## PROJECT PROFILE

**PROJECT:** Fire Protection at a Department Store  
**LOCATION:** Lithuania

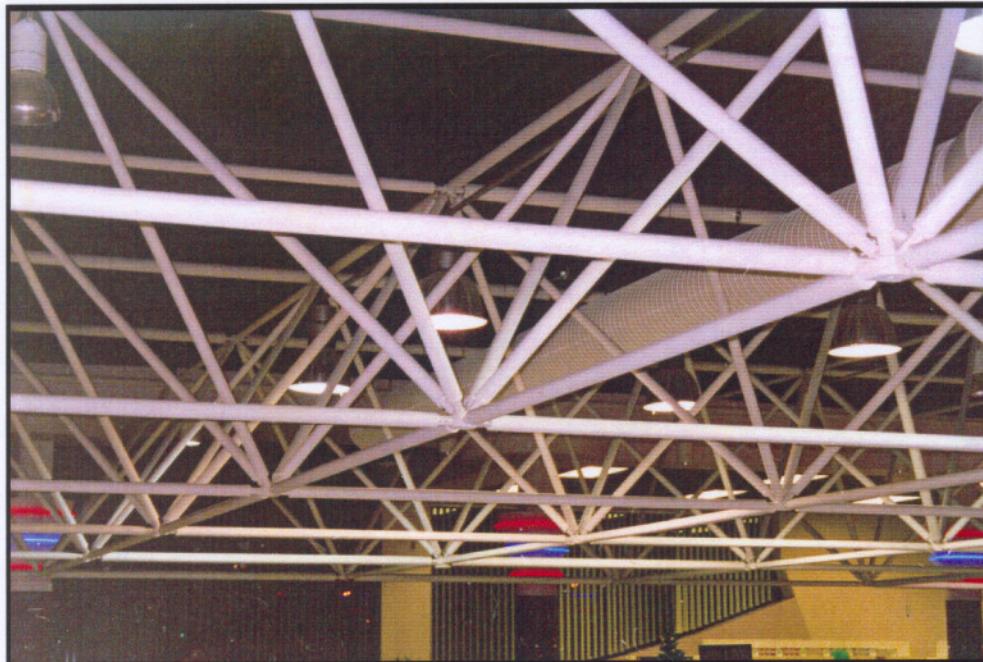
### THE PROBLEM

The photograph shows the extensive structural steelwork of the roof of this department store. The client required an intumescent protection system capable of providing 45 minutes of fire resistance.

The area to be protected totalled 1,000 sqm.



### THE SOLUTION



The steelwork was abrasive blast cleaned to a minimum standard of Sa2½. The abraded surface was then primed with Uni-Tech MC Primer over which Pyro-Tech SP was applied to a thickness of 800 microns. At this film thickness, the required level of fire resistance was achieved.

Pyro-Tech SP is a high performance, water-based, intumescent coating for the protection of structural steel. The system can give up to 2 hours fire protection, if required.