

FIRE IN A LARGE-AREA SHOPPING CENTER

Adam BICZYCKI - Expert for fire protection
Mariusz MAŚLAK - WG1
Lesław KWAŚNIEWSKI - WG2
Marcin KUŁACZ
Poland

BUILDING DESCRIPTION

- 1999 • beginning of the use
- 2006 • building enlargement and modernisation

- 48 000 m² • the total building area

Building structure:

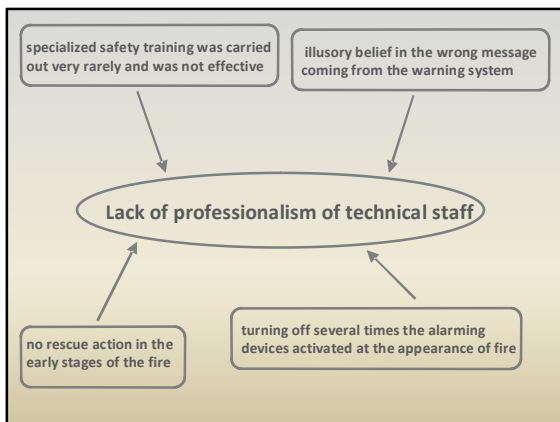
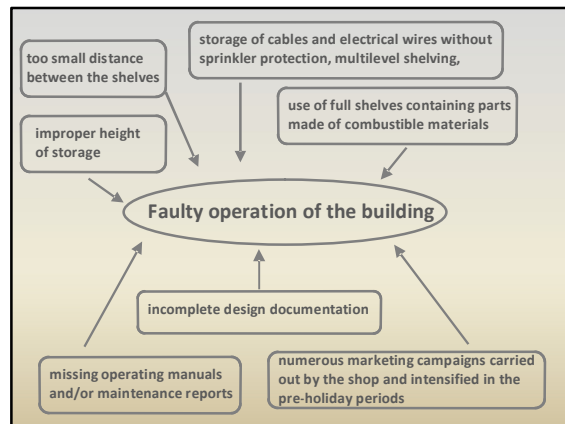
- reinforced concrete columns
- steel beams, and purlins
- layered walls - two layers of sheet steel, internally insulated with mineral wool
- interior walls - brick or plaster – cardboard
- roof - profiled steel sheeting

EXISTING FIRE PROTECTION SYSTEM

- sprinklers
 - alarm - signalling installation connected to the city fire department
 - smoke extraction system
 - battery powered emergency lighting central
- since 1999

Complemented and modernized after 2006

consistent with legal requirements but nonuniform fire protection



THE EXTENT OF THE DAMAGE



