

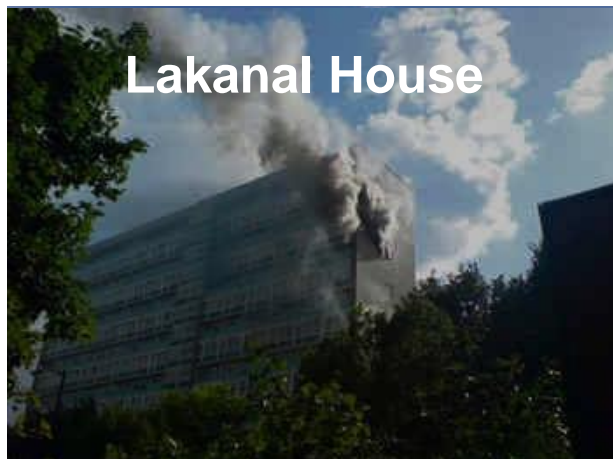


Fire Risks in Social Housing

- Compartmentation
- Fire Stopping
- Mobility scooters
- Maintenance
- Fire doors
- Competence



Lakanal House



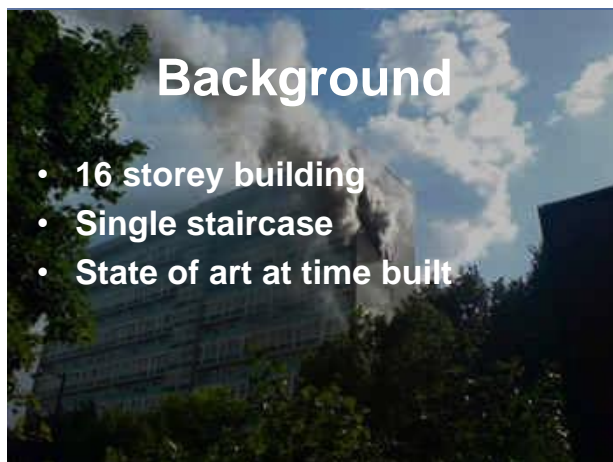
Lakanal House

- July 2009
- 6 residents died.
- All the residents died in areas other than where the fire started. Stay put policy.



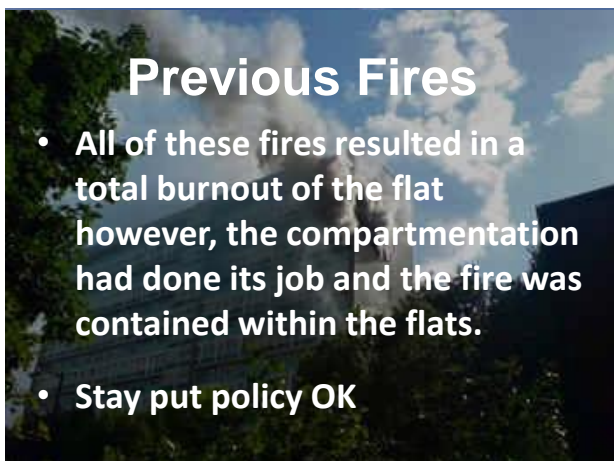
Background

- 16 storey building
- Single staircase
- State of art at time built



Previous Fires

- All of these fires resulted in a total burnout of the flat however, the compartmentation had done its job and the fire was contained within the flats.
- Stay put policy OK



Refurbishment

Serious refurbishment in the 1970s external façade of the building.

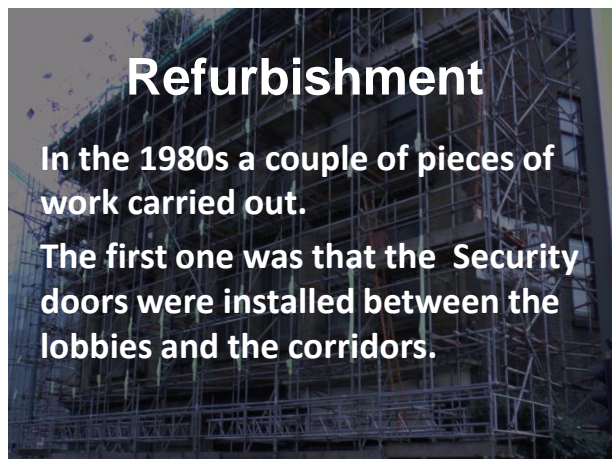
The existing facade was replaced with a timber framed set with asbestos panels.





Refurbishment

This was to be non combustible which is the equivalent of today's Class O for over 18m high which now meets the european standard.

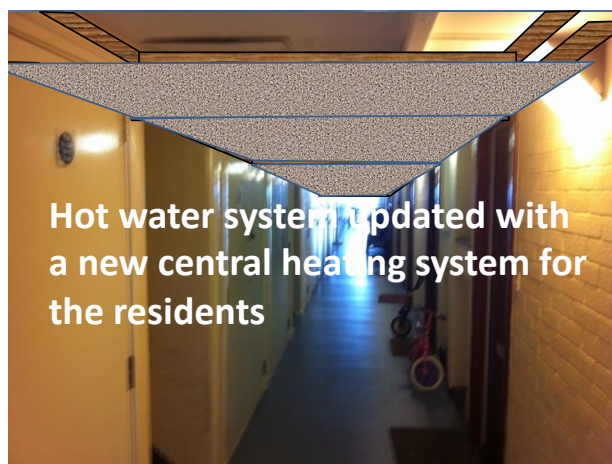


Refurbishment

In the 1980s a couple of pieces of work carried out.
The first one was that the Security doors were installed between the lobbies and the corridors.



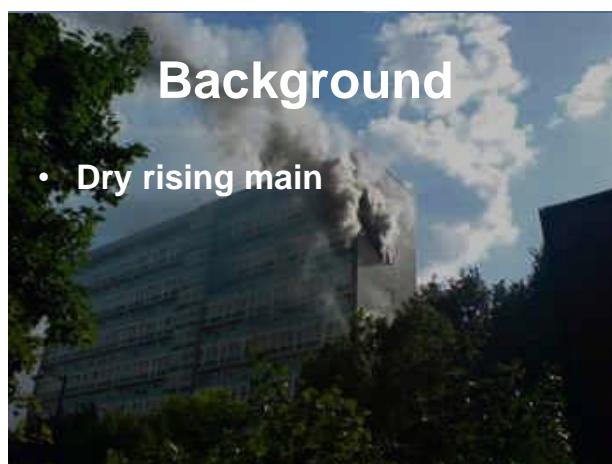
Refurbishment 2006



Hot water system updated with a new central heating system for the residents

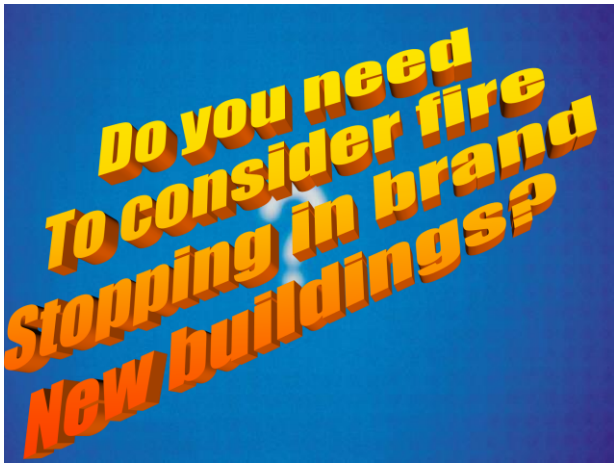


These panels were however replaced 12 months later with chipboard panels with a melamine laminate that were fire retarded and fixed onto the softwood timber boards



Background

- Dry rising main





Water mist systems



Escape routes over roofs



The vertical escape chute

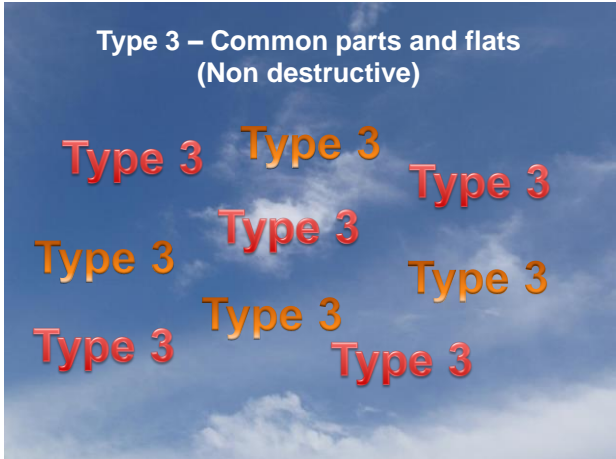
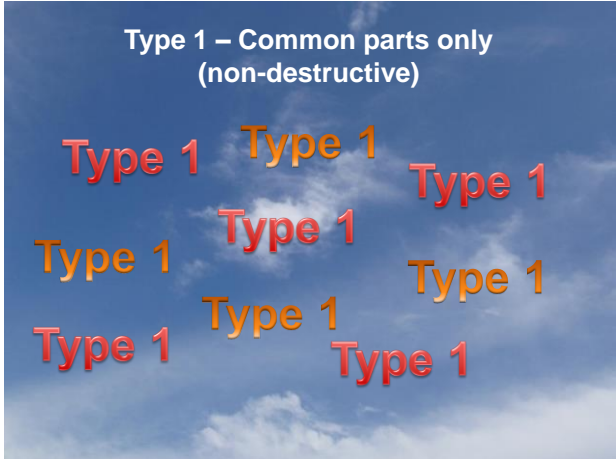
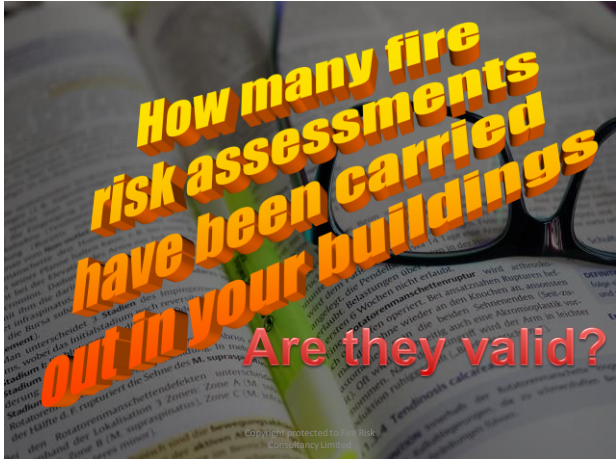


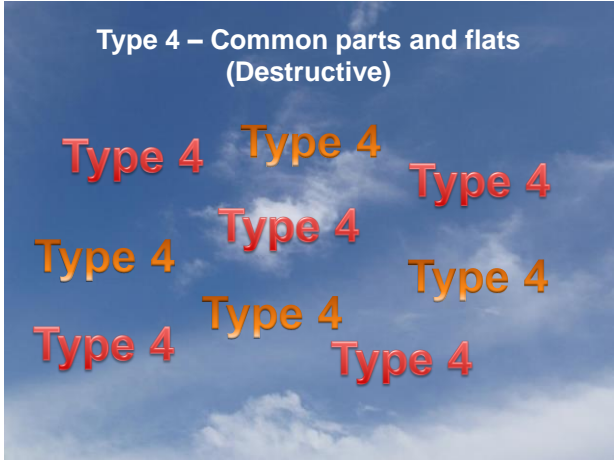
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