



# **FIRE / SMOKE DAMPERS**

**HOW SAFE IS YOUR BUILDING ?**

**ARE YOU AT RISK ?**

***As from October 2006 the regulatory reform (fire Safety) order 2005 placed the responsibility for fire prevention on the owner or occupier of the building***



- Fire / Smoke dampers must be installed correctly to prevent the spread of fire & smoke within a building in the event of fire breakout
- Fire / Smoke dampers must be maintained to ensure operation in the event of a fire
- Installation and testing should be in accordance with **HVCA DW/145** **BS:9999**
- All testing works are carried out by qualified engineers
- Test certification is provided on completion of the works – forms part of the site health & safety file


# Integrity of Fire Rated Walls



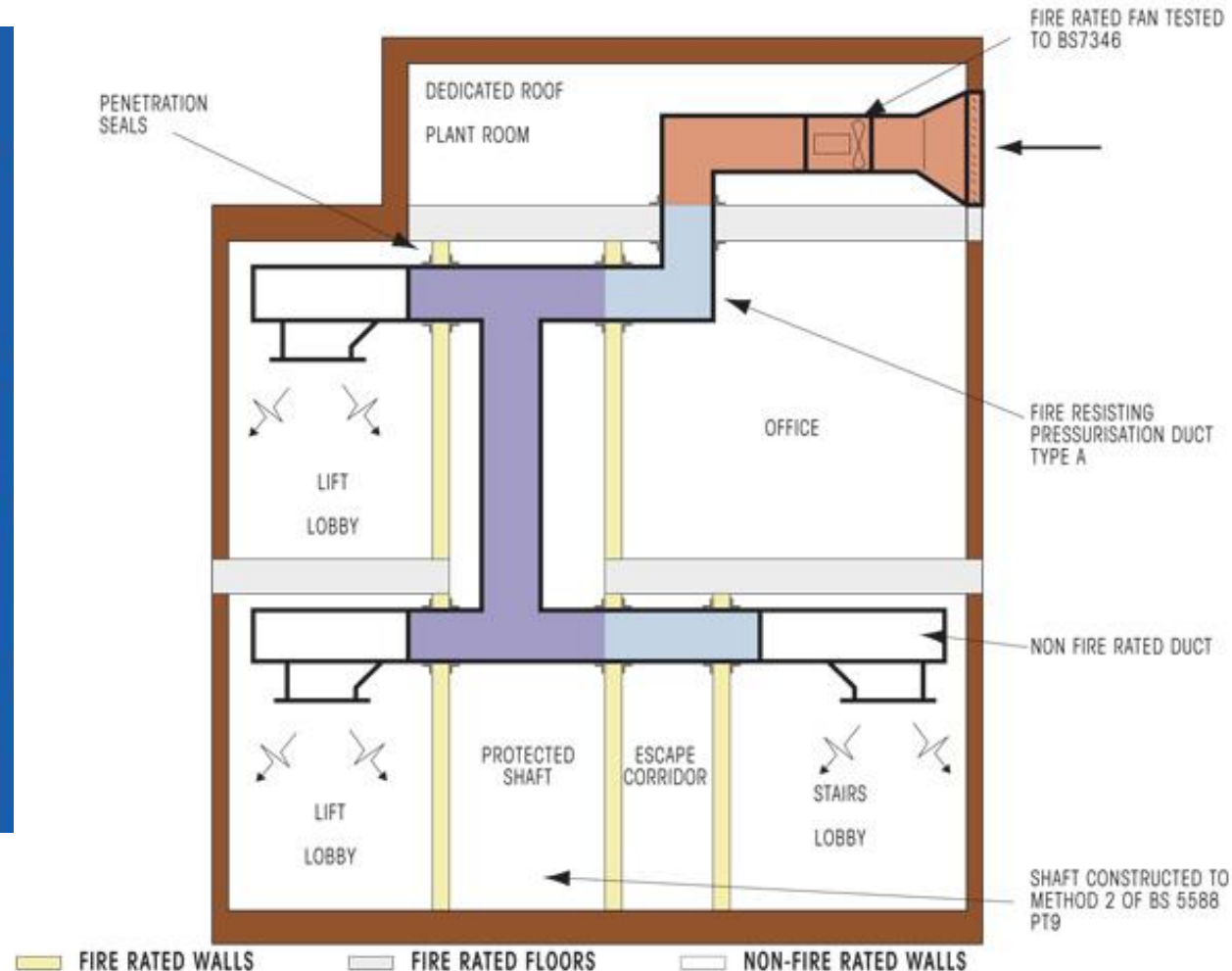
**HVCA** *Guide to Good Practice*

Heating and Ventilating Contractors' Association

**For the Installation of Fire and Smoke Dampers**



**DW/145**



# WHY TEST FIRE / SMOKE DAMPERS ?



- The damper is installed within the fire barrier wall to prevent the spread of fire
- The dampers main function is to protect the integrity of the fire barrier (wall / curtain)
- Dampers not installed correctly will allow fire and smoke to pass through barriers
- Mechanical / electrical failure will result in the damper not activating allowing fire / smoke to pass through the ventilation system / fire barrier