

# Scottish Fire and Rescue Service



## Sprinklers and Fire Doors

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# Domestic Suppression systems

Myth - Sprinkler may go off accidentally!

Fact - Research shows that the probability of a sprinkler discharging accidentally due to a manufacturing defect is only 1 in 16 million. You have a better chance of winning the lottery!



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Myth - If one sprinkler head goes off, they all go off.

Fact - Sprinkler heads are designed to react to temperatures in each room individually. Normally, only the sprinkler over the fire will activate. Data shows that in residential scenarios, usually one sprinkler will control a developing fire.



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Myth - They cause water damage!

Fact - Tests have shown that damage caused by water on a sprinkler extinguished fire is substantially less than damage caused by water from a fire brigades hose in an identical unsprinklered fire.



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British Automatic Fire Sprinkler Association

**bafsa**

<https://www.bafsa.org.uk>



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**Safety. Teamwork. Respect. Innovation.**

# Do fire doors work?



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# Things to check

- Certification – Door, doorset, ironmongery
- Apertures – cutting into the door?
- Gaps and Seals – frame, 3mm gap, smoke and intumescent strips all the way round.
- Self-Closer operation
- Testing, maintenance and reporting system







<https://www.trada.co.uk/>

[www.firedoorsafetyweek.co.uk](http://www.firedoorsafetyweek.co.uk)



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# Any questions?



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