

Project: PTSG and Moda Living – Springside, Edinburgh



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Springside is the first of Moda Living's sites in Scotland, and their fifth in the UK. Located at the heart of Edinburgh's historic Fountainbridge district, Springside offers 476 homes designed exclusively for rent in the capital city. There is a further 25,000sq ft of retail and leisure space. Resident amenities include shops, bars, restaurants, extensive parks and a public square.

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Engineers from PTSG Fire Solutions Ltd installed a sprinkler system throughout the new development. Just prior to the hand over, there was a case of arson in one of the apartments that was nearly completed – someone entered the site and set fire to the dust sheets covering the carpet. The sprinkler system activated a single sprinkler, which not only suppressed the fire but extinguished it. Other than making the carpet wet, the apartment was wholly intact; this saved a lot of time and anguish for the developer.

The facts about sprinklers make compelling reading. No one has ever died in a domestic fire where a fire sprinkler system was fitted. Furthermore, 99% of fires in commercial buildings are controlled by sprinklers alone. Sprinklers are a simple, cost-effective and highly reliable piece of fire protection equipment.

They are valuable in both commercial and domestic properties, reducing injuries by at least 80 per cent and property damage by 90 per cent. Complete fire safety is the ultimate aim.

A sprinkler system comprises three main components

- A water supply, which may be the town mains in the street (if adequate in capability); a sectional water tank and pump set or similar self-contained water source.
- A means of controlling the supply of water into the sprinkler system, usually through sets of valves, a network of pipes and individual zones.
- An array of sprinkler heads strategically placed throughout the protected area to the requirements of the relevant standard.

Full service solutions, fully compliant with regulations

PTSG designs, supplies, installs and commissions fire sprinkler systems for commercial in accordance with BSEN 12845 and residential buildings in accordance with BS9251/BSEN 16925 in the United Kingdom. Our systems ensure complete fire safety and our flexible installation teams can provide the perfect system for any building type or layout.

