

Sector Experience

Retail, Shopping Centres

Objectives >

- > Meet Building Regulation requirements including safe and efficient means of escape & fire fighting access.
- > Maximise retail space and meet the functional and architectural design requirements.
- > Minimise overdesign.

Our Service >

Performance based Fire Engineering Design

- > Planning of means of escape including emergency exits and exit width. This would include using familiar exit routes;
- > Optimum location of stair cores; and,
- > Specification of active and passive fire safety systems including detection & alarm, suppression and structural fire protection.

Egress modelling of multiple scenarios

- > Allows day-to-day and egress analysis to be adequately designed.

Smoke modelling

- > Assessment of both natural and mechanical strategies provided, including mall and shop requirements.

Compliance with relevant code & guidance

- > Where fire engineering is not required a code compliant solution is adopted. The detail needed can be extensive. Our fire strategy conveys all key requirements and specifications.

Fire Strategy Drawings, Fire Legislation Applications and Construction Stage Services

Projects >

Swords Pavillions Shopping Centre, Dublin Crescent Shopping Centre, Limerick, Bloomfields Shopping Centre, Carlow Shopping Centre, Douglas Shopping Centre, Golden Island Shopping Centre Athlone, Jervis Street Shopping Centre, Longford Shopping Centre, Maynooth Shopping Centre, Meadowlane Shopping Centre, Magherafelt, Newtownards Shopping Centre, Nutgrove Shopping Centre, Parkway Shopping Centre, St. Stephen's Green Shopping Centre, Swan Shopping Centre, Tesco Shopping Centre, The Square, Tallaght, Tuam Shopping Centre, Waterford Shopping Centre, Yorkgate Centre, Frenchgate Shopping Centre, Doncaster, Forge Shopping Centre.



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