

## Biography

### QUALIFICATIONS

- BSc (Mech Eng) 1980

### AFFILIATIONS

- GiFireE
- Fire Protection Association of New Zealand
- Association for Specialist Fire Protection (UK)

### EMPLOYMENT HISTORY

#### May 2019-Present

##### **Technical Director for Passive PFITS Consultancy Limited**

Specialist Fire Engineering company providing a wide range of fire engineering services from detailed Passive Fire System Design, Fire Engineering Design, Fire Inspection and Construction Design and Monitoring, and Training services. *Carrying out audits of sub-contractors at both office and site to produce information for 3rd party bodies. Providing expert witness statements regarding passive fire protection installations and attending mediation and court proceedings on behalf of both plaintiffs and defendants including Auckland High Court for 12-24 Gore Street, and Sydney High Court for BOSS Fire protection Australia.*

2016 – May 2019

##### Technical Director for Olsson Fire and Risk (NZ)

Specialist Fire Engineering company providing a wide range of fire engineering services from detailed fire engineering design, fire protection system design, fire construction design and monitoring services. *Providing expert witness statements regarding passive fire protection installations and attending mediation and court proceedings on behalf of both plaintiffs and defendants*

2013 – 2016 Technical Director, Total Protection Ltd

2011 – 2013 Fire Protection Consultant (Self Employed)

2008 – 2011 Divisional Director: Fire Protection, Pace Installations Ltd

2007 – 2008 Technical Sales Director, Firepro Ltd

2006 – 2007 UK Fire Protection Manager, Skanska PLC. Clark and Fnn Ltd,

### CAREER SUMMARY

*Technical Director Total Protection Ltd (Passive Fire Protection) Responsible for carrying out Fire Risk assessments of all types of buildings, providing advice to building owners and operators on passive fire systems and design, designing passive fire solutions to problems in both new and existing buildings including hospitals, MOD premises, marine, power and shopping malls, installing correct systems to obtain company 3rd party accreditation, on site supervision, training, and inspections.*

*Independent Consultant (3rd Party Site and Office Audits, Passive Fire Protection) Carrying out audits of sub-contractors at both office and site to produce information for 3rd party accreditation bodies, carry out passive fire training courses, provide advice on passive fire systems to main contractors in existing buildings and providing review reports on existing installations. Providing expert witness statements regarding passive fire protection installations*

*Technical Director Pace Installations Ltd. (Passive Fire Protection) Responsible for carrying out Fire Risk assessments of all types of buildings, providing advice to building owners and operators on passive fire systems, designing passive fire solutions to problems in both new and existing buildings including hospitals, MOD premises, marine and shopping malls, including sub-contractor audits, on site supervision, training and inspections.*

*Responsible for design and delivery of passive fire systems on new build projects including hospitals and shopping malls, including sub-contractor audits, on site supervision, training, and inspections.*

*UK Fire Protection Manager Skanska UK (Passive Fire Protection) Responsible for design and delivery of passive fire systems on new build projects including hospitals and shopping malls, including sub-contractor audits, on site supervision, training, and inspections.*

*Technical Director Pyro Technical Services (Passive Fire Risk Assessments) Responsible for carrying out Fire Risk assessments of all types of buildings, providing advice to building owners and operators on passive fire systems, designing passive fire solutions to problems in both new and existing buildings.*

*Technical Director Armour Specialist Services (Passive Fire Structural Risk Assessments) Responsible for carrying out Fire Risk assessments of all types of buildings, providing advice to building owners and operators on passive fire systems, designing passive fire solutions to problems in both new and existing buildings.*

*Technical Manager Europe and Middle East Grace Construction.*

*Products (Acoustic and Passive Fire Protection Manufacturer) Responsible for site support, applicator training programmes and delivery, fire testing sprayed products, field testing sprayed products, technical performance specifications, architectural presentations, structural engineer presentations.*

*Technical Manager Gerco UK (Fire Compartmentation) Responsible for sales, technical support, applicator training programmes, writing technical product specifications, site inspections. Active member of ASFP, Co-author of Firestopping Red Book.*

*International General Manager Pyrok Inc (Acoustic and Passive Fire Protection Manufacturer) Responsible for sales and manufacturing of sprayed fire protection and acoustic products, including fire testing and applicator training programmes internationally. Active member of ASFP (UK).*

*Area Sales Manager Pyrok Inc Responsible for area sales and applicator training, product specification writing, architectural presentations.*

*Structural Engineer Conder Structures Technical Sales Engineer (Steel Frame Manufacturer) Responsible for sales of steel frames into the construction industry.*

## PROJECTS

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| • Grey Base Hospital, Greymouth, NZ                  | • Twin Petronas Towers Malaysia        |
| • Christchurch Hospital Remediation Project, NZ      | • Rishon Towers Israel                 |
| • Wellington Childrens Hospital, NZ                  | • Ashdod Power Station Israel          |
| • Metlifecare Retirement Villages, NZ                | • British Airways Flight Simulators UK |
| • Ryman Healthcare Villages, NZ                      | • St Barts Hospital UK                 |
| • TLC Modular Auckland, NZ                           | • Silverburn Shopping Centre UK        |
| • Maui A Gas Platform Temporary Refuge, NZ           | • St Fergus Oil and Gas Terminal UK    |
| • Lincoln University Science Block, NZ               | • Sellafield Nuclear Waste Facility UK |
| • Canterbury University Student Accommodation, NZ    | • Repsol Oil Refinery Spain            |
| • <b>Boss Fire Protection Expert Witness, NZ/AUS</b> | • DS1 and B5 Canary Wharf UK           |
| • <b>Gore Street Auckland Expert Witness, NZ</b>     | • London Futures Exchange UK           |
| • <b>St Lukes Residential Expert Witness, NZ</b>     | • Tidworth Arm Camp UK                 |
| • South Terminal Gatwick Airport                     | • Type 45 Destroyers UK                |

• Woluwe Shopping Centre Belgium

• Total Petrochemicals Spain

**PUBLIC SPEAKING ENGAGEMENTS**

- FPANZ Conference
- NZIBS Presentation
- Radio New Zealand
- New Zealand Insurance Conference
- NZIOB Presentations

