

Major Conference Sponsors

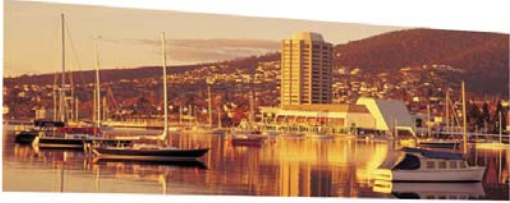
# 09 fireAustralia

conference & exhibition



[www.fireaustralia.com.au](http://www.fireaustralia.com.au)

**Fire Protection**  
**The Great Debate**



**2 day event: 28 & 29 Oct 2009**  
Wrest Point Hobart Tasmania

**The first interactive Fire Australia conference**

A man in a dark shirt and trousers stands on a stage in front of the screen, addressing an audience whose heads are visible in the foreground.



Fire Australia 2009 is a Fire Protection Association Australia & Institution of Fire Engineers Australia joint project

**Conference Program**

# Fire Protection The Great Debate

The first interactive Fire Australia conference



The theme of this year's conference is "Fire Protection – the Great Debate". A new format for the conference will allow us to hear presentations and engage in debate of four key topics that are of great interest in Australia today, namely :

- Bushfires – the stay or go policy
- Coronial enquiries – What is their goal?
- Prescriptive versus Alternative Solutions
- Active versus Passive Fire protection measures

In the past 12 months since the last conference, Australia has suffered a series of disasters including massive floods, and of course, the Black Saturday fires in Victoria. We have seen emergency management stretched to the limits. And we have seen the political response, including the Royal Commission into the Victorian Bushfires and the Coronial Enquiry into the Myer Fire here in Hobart.

We are pleased to welcome to the conference the IFE International President, Bill Stewart, from Canada and Peter Holland, former Chief Fire Officer of the Lancashire Fire and Rescue Service to give us some international perspectives on the problems of emergency management and evacuation. They will be supported by John Gledhill, recently retired as Chief Officer of the Tasmania Fire Service and one actively involved in bushfire management policy, and David Packham, a bushfire specialist, a passionate advocate for fuel reduction.

This year we have compressed the conference into two action packed days to provide better value for money and to keep time and costs down for delegates to attend. We still have the Exhibition as a key part of the conference and we urge you to take advantage of this opportunity to learn about new products and systems. In addition, we have four major exhibitor presentations spread throughout the conference, as well as live demonstrations on stage during the breaks.

Our major conference sponsors for 2009 are Smoke Control and Stobich, Australian and German companies respectively, who are specialists in passive fire protection and smoke control measures. They have also sponsored the Registration Brochure. We are grateful to Wormald for again being the conference dinner sponsor, and Tyco Thermal Controls for sponsorship of the Conference Programme. And we thank the Australian Government Department of Environment, Water, Heritage and the Arts, as well as Brooks for support for the proceedings CD and satchel respectively.

We thank all delegates, exhibitors and sponsors for supporting Fire Australia 2009. We expect vigorous participation in the debate and involvement of all! Let's make Fire Australia 2009 a great learning experience together !!

Peter Johnson, Chair, Fire Australia Committee



Major Sponsors



Registration Brochure



Conference Dinner



Australian Government  
Department of the Environment, Water, Heritage and the Arts

Satchels



Australian Government  
Department of the Environment, Water, Heritage and the Arts

Proceedings CD



Thermal Controls

Conference Program Sponsor



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# Keynote Speakers

## David Packham

Adjunct Senior Research Fellow,  
Monash University

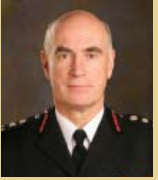


David has worked for 50 years in bushfire research at CSIRO, Monash University, The Australian Emergency Management Institute and in fire weather policy at the Bureau of Meteorology. His research has concentrated on the physics and chemistry of bushfires and has been applied to practical issues including the development of aerial prescribed burning, non-evacuation of properties, modelling of fire behaviour and forensic investigation of firefighter deaths. He is currently an Adjunct Senior Research Fellow at the School of Geography and Environmental Sciences at Monash University.

David will be giving a keynote presentation, focusing on the effects of fuel reduction on bushfires.

## Peter Holland

Chief Fire Officer,  
Lancashire Fire & Rescue Service



Currently the Vice President of the UK Chief Fire Officers Association, Peter is also an elected member on the NFPA Board. He is a Past International President and Vice Chairman of the IFE and established and chaired the National Fire Sprinkler Network in the UK.

He was awarded the Queen's Fire Service Medal in Her Majesty's Birthday Honours List in 1997 and was appointed an Officer of the Order of St John of Jerusalem in 1998. He was also awarded the Queen's Golden Jubilee Medal in 2002 and the Queen's Long Service and Good Conduct Medal in 1992.

Peter will be talking to delegates about his experience of large-scale evacuations in the UK.

## John Gledhill

Chief Officer (retired),  
Tasmania Fire Service



John recently concluded a 35 year fire service career, serving his current position since 1995. A fellow of the IFE, he was also awarded the Australia Fire Service Medal in 2000. He served as Treasurer of AFAC from 1995-2000 and then as its President for 3 years. He is currently a Director on the Governing Board of the Bushfire Cooperative Research Centre. John was actively involved in the development of the AFAC position on *Prepare, Stay and Defend or Go Early* and represented this at the Victorian Royal Commission, and will be bringing his expertise on this subject to the conference.

## William Stewart

International President,  
Institution of Fire Engineers



Chief Stewart is a 37 year Fire Service veteran and currently the Fire Chief of Toronto Fire Services. Bill is a member of the Professional Standards Setting Body, Ontario Fire College, reviewing standards for fire fighter training. He is also the Chairman, Fire Apparatus and Equipment Committee, Underwriters' Laboratories

of Canada; Past President, IFE Canada as well as an Advisory Board Member of Humber and Durham Colleges, Fire Services Programs. He's the President of the Metropolitan Fire Chiefs Association and International Association of Fire Chiefs/National Fire Protection Association.

Bill will be opening the second day of the conference and talking about the role of residential fire sprinkler systems in the protection of life.

## Conference Dinner

### Come to the Fire Australia Regatta!

**7pm Wednesday 28 October**

Grand Ballroom, Hotel Grand Chancellor

Hobart is a passionate sailing city, so what better theme for the annual fire industry night of nights than a sailing regatta?

The dress theme will also be nautical – just let your imagination go and surprise or delight your colleagues with your outfit – or just come in your usual regatta attire! Prizes will be awarded so don't hold back.

- Support the Royal Hobart Hospital Burns Unit through auctions and raffles
- Enjoy nautical entertainment throughout the evening!
- Feast on the Grand Chancellor's buffet dinner
- Show us your best hornpipe moves on the dance floor!
- Reward your staff, family, customers and other special guests – fill a table for 10!

**Proudly sponsored by Wormald – Protecting People & Property**

**WORMALD**  
*Protecting People & Property.*



# Fire Australia 2009

## Day 1 – Wednesday 28 October

- **8:30 Welcome**  
Chris Orr – President, FPA Australia,  
Brooks Australia Pty Ltd
- **8:40 Conference Opening**  
Hon Peter Underwood – Governor of Tasmania
- **8:55 Stay or Defend – where to from here**  
John Gledhill –  
Chief Officer, Tasmania Fire Service **Keynote**  
See biography on page 3
- **9:25 Fuel Reduction – one big answer to bushfires**  
David Packham –  
Adjunct Senior Research Fellow, Monash University **Keynote**  
See biography on page 3
- **9:55 Exhibitor Presentation – Stobich (Major Sponsor)**
- **10:10 Morning Tea**

### Debate Presentation

- **10:40 Can we build truly defensible properties or do we need to evacuate?**  
Debate Chair: Chris Orr – President, FPA Australia,  
Brooks Australia Pty Ltd
- **10:45 Plan, Prepare, Defend – Alternatives to Prescriptive**  
Norm Winn – Director, Norm Winn & Associates Pty Ltd  
  
*Formerly Assistant Chief Officer with the CFA, Following Ash Wednesday appointed Members of the Bushfire Reconstruction Task Force. Presenter for Building Commission introduction of Victorian Bushfire Regulations & AS3959. Chair of AS3745 Standards Committee, Member of Standards FP01 and FP22. Applies Bushfire Regulations in the field and innovative Emergency Response to Private & Public Sectors.*
- **11:15 Bushfires – the case for evacuation**  
Peter Johnson – International Manager, Arup  
  
*Peter is a Fellow and a Director of the Global Consulting Sector Board at Arup, an international firm of engineering and business consultants. Peter leads Arup's international fire engineering business and has particular interests in fire safety engineering, risk assessment, corporate risk management, and regulatory reform.*
- **11:45 Open Floor Debate**
- **12:25 Lunch**

- **13:25 Managing large scale evacuations in the UK**  
Peter Holland – Chief Fire Officer,  
Lancashire Fire & Rescue Service **Keynote**  
See biography on page 3

- **13:55 The case for protect-in-place for high-rise residential buildings**



David Barber – Principal, ARUP Fire  
*Over the last eight years David has project managed the Hong Kong performance based fire code consortium. He was awarded the 2008 Barry Lee Fire Protection Scholarship and is a member of the Victorian Building Appeals Board, Society of Fire Protection Engineers Board of Directors and Society of Fire Safety Treasurer.*

- **14:25 Standards Australia's New Business Model – Implementation and Fire Standards**



John Tucker – Chief Executive Officer, Standards Australia  
*In June 2004, John Tucker joined Standards Australia as Chief Executive Officer. John has had a diverse career path traversing public and private sectors, political advising and has held previous CEO positions in the fields of injury management, OHS risk management and industry association management.*

- **14:55 Exhibitor Presentation – Trend Windows & Doors**
- **15:10 Afternoon Tea**

### Debate Presentation

- **15:40 Coronial Enquiries – what is their goal?**  
Debate Chair: Naomi Brown – CEO, AFAC
- **15:45 The Blame Game – Myer Fire CE perspective**  
Andrew McKee – Associate, Murdoch Clarke  
  
*Andrew has been practising law since 1992 and has extensive experience as solicitor and counsel before the Supreme Court of Tasmania, Federal Court of Australia, Federal Magistrates Court, Family Court of Australia, Magistrates Court, Civil Division, Court of Petty Sessions and Workers Compensation Tribunal. Andrew is currently a member of the Executive Committee of the Law Society of Tasmania.*
- **16:15 The Lessons Learnt**  
Ian Pentony – NSW Fire Brigade (Retired)  
  
*Ian recently retired from the NSW Fire Brigades after 36 years service, reaching the position of Operational Commander. He also spent 3 years in FIRU as a researcher & fire investigator. His accomplishments include a Masters in Fire Safety Engineering, graduate of IFE, University Certificate of Management, awarded commendation for Meritorious Service and is a member of the editorial committee - IFE, Fire Australia magazine*
- **16:45 Open Floor Debate**
- **17:25 Close**
- **19:00 Conference Dinner** (see page 3)

# Fire Australia 2009

## Day 2 – Thursday 29 October

### 8:30 Welcome

Mark Reilly – National President, IFE Australia

### 8:35 Is it time to move to the next level of fire protection – residential fire sprinklers?

William Stewart – International President, IFE **Keynote**  
See biography on page 3

### 9:05 Prescriptive versus Alternative Solutions

Matthew Wright – Fire Safety Program Leader, CFA



*Matthew's background includes building control and enforcement, plus certification of commercial and residential construction projects. He worked at the City of Melbourne, Scott Wilson, and Philip Chun and Associates before joining the CFA Structural Fire Safety department. He's also a member of the FPA Australia Victorian State Committee and a Board Member to the Building Appeals Board.*

### 9:35 Performance and expectations of the Building Codes of Australia

Tass Georgas/Peter Wright – Acting Manager, Community Safety Technical Department/Station Officer, MFESB



*With over 15 years experience in the building surveying and fire safety engineering disciplines Tass is currently the Acting Manager of MFB's Community Safety Technical Department. Tass's academic qualifications include a Bachelor of Technology in Building Surveying, Masters of Engineering in Construction Management and a Graduate Diploma in Fire Safety and Risk Engineering.*



*Peter has been involved with the MFB for over 25 years in many fire and hazardous material roles. More recently Peter moved into the Fire Investigation & Analysis Unit. Peter has completed the Victoria Police Bomb Scene Examination course and a Clandestine Laboratory Investigators course. Currently Peter is undertaking a Diploma of Fire Technology in Fire Investigation.*

### 10:05 Exhibitor Presentation – Tyco Thermal Controls

### 10:20 Morning Tea

## Debate Presentation

### 10:50 Prescriptive versus Alternative Solutions

Debate Chair: Stephen Kip – Fire Safety Engineer, SKIP Consulting

### 10:55 Alternative Solutions – The Certifier's View

Keith Thomas – Director, Thomas Independent Certification



*Keith has had over 35 years experience as a Building Surveyor starting as Structural Engineer/ Building Surveyor at North Sydney Council for ten years followed by Gold Coast City Council. In 1987 he started his own Consultant Building Surveyor company, providing advice to Architects, Engineers and Developers to assist in making the building approval process more efficient.*

### 11:25 Alternative solutions from hell: A contractor's perspective

Geoff Flower – Engineering Services Manager, Walker Fire Protection



*Geoff has over 9 years experience working in the consulting engineering sector both with Norman Disney & Young and Warrington Fire Research Australia. He has an electrical engineering degree from Monash University, a post grad certificate in performance based building and fire codes and a diploma in fire safety and risk engineering from VUT.*

### 11:55 Open Floor Debate

### 12.35 Lunch

### 13:35 The new national policy "Prepare. Act. Survive"

Rob Rogers – Assistant Commissioner, NSW Rural Fire Service



*Rob has more than 28 years experience with the Fire services, ranging from volunteer to Assistant Commissioner. Rob has represented the Service in international projects and fire fighting operations in the United States, Singapore, Malaysia, China, Korea, Japan, Vietnam and Brazil and in 2002 was awarded the Australian Fire Service Medal.*

### 14:05 Water conservation and its impact on building suppression systems

Andre Mierzwa – Operations Chief Engineer, FM Global



*Andre graduated as an Aeronautical Engineer from RMIT in 1973 and worked for the Commonwealth Aircraft Corporation before joining Factory Mutual, where he's been for over 34 years. He's worked in various countries in both engineering and managerial roles and is currently the Australian Operations Chief Engineer, spending much of his time on a number of Australian Standards Committees dealing with Fire Protection.*

### 14:35 Issues for regulatory adoption of fire maintenance standards

Roger Thomas – Technical Manager, Tyco Fire & Security



*Roger works as Technical Manager – Fire with Tyco Fire and Security. Following a year as a co-opted Director, he was elected to the Board of Directors of FPA Australia in November 2004. Roger has worked in Fire System design and engineering at Wormald for 30 years. He is convenor of FPA Australia's Technical Committee 4 – Sprinkler and Hydrant, a member of Standards Australia Committees FP/04 – Sprinklers, FP/01 – Maintenance Fire Systems and FP/11 – Gaseous Agent and Water Mist Systems, and has recently taken on the role of NTAC Chair.*

### 15:05 Exhibitor Presentation – Fire Defender

### 15:20 Afternoon Tea

## Debate Presentation

### 15:50 Active versus Passive

Debate Chair: Barry Lee OAM – Managing Director, Barry Lee Consulting

### 15:55 Passive versus Active:

#### Are we getting our money's worth?

Suzy Cowan – Manager Codes and Standards, Pacific Tyco Fire Suppression & Building Products



*Suzy is manager of Codes and Standards (Pacific) for Tyco International and has over 14 years experience through various divisions & positions. She's currently serving on the FPA Australia technical committees TC4 (Sprinkler & Hydrants) and TC11 (Special Hazards) as well as the Victorian state committee and the FP/04 working group for the AS4118 revision.*

### 16:25 Passive systems – their advantages and benefits

Nabeel Kurban – Vic Engineering Manager, Exova Warringtonfire Australia



*Nabeel has been a consultant with Exova Warringtonfire for over 12 years and has extensive experience in residential, healthcare, retail and commercial/industrial projects. He also spent over 8 years as fire safety engineer with the MFB, during which he was involved with Australian Standards and fire safety programs.*

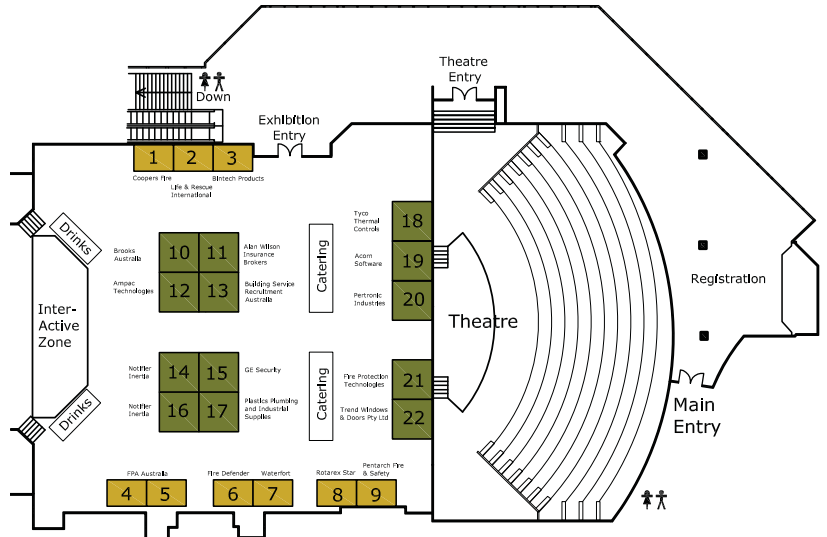
### 16:55 Open Floor Debate

### 17:35 Close & Resolutions

Chris Orr – President, FPA Australia, Brooks Australia Pty Ltd



# The Exhibition



## Booth Company

### ■ 1 Coopers Fire

Coopers Australia are specialists in the supply and installation of fire curtains and smoke curtains for the construction industry. Both active and passive fire and smoke barriers, ventilators, together with intelligent controls can be integrated into a total SHEVS (Smoke, Heat, Exhaust, Ventilation Systems) package.

### ■ 2 Life & Rescue

Life & Rescue International (LRI) is Australia's leading provider of specialised life support and workplace services. LRI is committed in every aspect of industry safety through specialised services in training, consulting, product supply and a range of other services that truly protects and preserves the life & safety of our customers in the workplace.

### ■ 3 Bintech Products

Bintech Products Pty Ltd are a supplier of high quality level and flow measurement equipment. At the Fire Australia exhibition we will be showing our locally developed and manufactured Fireboss Level alarm. It is designed for low fuel and low charge battery level monitoring on pumps for sprinkler systems as per AS1851-2005. We will also be showing our range of non-invasive flow meters.

### ■ 4 FPA Australia

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Visit us for all the information on FPA Australia's operations, the latest publications, Membership, Training, Community Safety, Cabling Licensing, ODS & SGG Licensing, Special Interest Groups, Technical committee's and Events.

## Booth Company

### ■ 6 Fire Defender

Fire Defender has a range of products that will help to protect both life and assets from fire. The ingredients are designed to retard fire ignition and the spread of flame on fabrics and surfaces throughout homes, buildings, vehicles and vessels; therefore providing additional time to extinguish or evacuate. Visit us at [www.firedefender.com.au](http://www.firedefender.com.au)

**Presentation – Theatre Day 2 Afternoon**

### ■ 7 Waterfort

Waterfort provides a serious solution for the serious problem of water storage. A new concept has been tested and patented to manufacture a range of concrete tanks. The tank has many advantages, competitive, four hour firing rating, impact and vandal proof structure, 30 year guarantee, size variations of 50K to 1.3M litres.

**Demonstration – Interactive Zone Day 2 Morning**

### ■ 8 Rotarex Star

Started in 1922 as CEODEUX in Luxembourg, ROTAREX is now a worldwide group of companies. Market leader in gas valves, regulators and fittings for LPG, CNG, UHP, Fire extinguishers, Semiconductor, Medical and Industrial applications. ROTAREX covers many markets for all types of gas applications.

### ■ 9 Pentarch Fire & Safety

Pentarch Fire and Safety launches its new high pressure long range CAF [Compressed Air Foam] mobile fire fighting units from Germany. SAI Global certified the units to Australian and NZ standards – the units smashed existing fire ratings – astounding fire fighters and setting new performances for fire fighting equipment and levels of OH&S, so high value assets and people are much better protected from fire.

**Demonstration – Interactive Zone Day 1 Lunch**



## Booth Company

### ■ 10 Brooks Australia

Brooks have continuously set industry benchmarks for innovative system design in electrical and fire engineering. Our commitment to provide commercial and residential fire system design, together with audible and visual warning and evacuation systems has placed Brooks in the position to provide the right solution for most applications.

### ■ 11 Alan Wilson Insurance Brokers

Alan Wilson Insurance Brokers are pleased to be the official Insurance Broker to FPA Australia. We have special policies that are tailored for those involved in the fire protection industry with enhanced policy conditions and cheaper premiums. With the increased risk of natural disasters, did you know we can offer bushfire, flood and storm insurances along with important business insurances like corporate travel & tools of trade insurance? Come & visit us at stand 11 for more information. While you are there, try your skills at the ski jump!

### ■ 12 Ampac Technologies

Ampac is the largest Independently owned Fire Detection and Alarm Systems Manufacturer in Australasia. We are also 100% Australian owned and Australian Made. Ampac will be previewing a comprehensive new range of temporal sounders & beacons and Ampac's new Alarm Acknowledgement Facility (AAF). We also have a sneak preview of our new generation Fire Panels due to be released Globally on display. Representatives on the Ampac stand will include staff from Ampac, as well as one of our global alliance partners, Mr Kim Williams of Apollo UK.

### ■ 13 Building Service Recruitment Australia

BSRA is a niche recruitment company servicing the specialised requirements of the Fire Industry. We understand that you want to attract and retain staff that will grow with your business. By applying a structured and comprehensive candidate selection process combined with our Fire Industry knowledge we provide a timely and successful outcome.

### ■ 14 Notifier Inertia

Notifier by Honeywell is a global leader in the fire alarm industry, providing a "World of Solutions" with our complete range of detection, control, integration and notification products. Please come and talk to our representatives on Stands 14 & 16 about innovative products such as IntelliQuad multi-sensor detectors designed to help reduce the incidence of unwanted alarms.

### ■ 15 GE Security

Visit booth 15 to experience GE's innovative and internationally proven solutions including EST3 fire panels, Signature Series multisensor detectors, Genesis Series T3 sounders and synchronised strobes as well as FireWorks™ Graphical Command Interface for fire systems monitoring and control.

## Booth Company

### ■ 17 Plastics Plumbing and Industrial Supplies

Plastic Plumbing & Industrial Supplies are the Australian Distributor for Hershey manufactured Blazemaster CPVC Fire Sprinkler Systems. PPS supply directly to the Fire Sprinkler contractor with warehouses in Melbourne, Sydney, Brisbane & Perth. Blazemaster CPVC Pipes & Fittings are approved for use in Domestic, Residential or Light Hazard fire sprinkler systems.

### ■ 18 Tyco Thermal Controls

Tyco Thermal Controls, a part of Tyco International Ltd., is a world leader in heat-tracing, sensing and fire performance wiring. With over 2,500 employees in 56 countries plus over 50 years of Pyrotex fire performance wiring experience TTC provide innovative solutions for the most challenging applications for the oil and gas, industrial and commercial markets. [www.tycothermal.com](http://www.tycothermal.com)

**Presentation – Theatre Day 2 Morning**

### ■ 19 Acorn Software

To stay ahead of the game; even to remain competitive, you need to track and monitor every aspect of your project and scheduled maintenance services. Ask us how simPROfire enables your business to operate more competitively and deliver to its true potential. Visit simPROfire and take a test drive.

**Demonstration – Interactive Zone Day 2 Lunch**

### ■ 20 Pertronic Industries

Pertronic Industries is one of Asia Pacific's leading manufacturers of quality fire detection systems, and ancillary equipment for commercial and industrial applications. Established 1982. The range includes the F16e conventional system to the sophisticated F100A/F120A analogue addressable systems, networking, graphics display systems (FireMaps), and interfaces to BMS/radio paging systems.

### ■ 21 Fire Protection Technologies

Fire Protection Technologies is a specialised fire protection company, with a focus on unique and special hazard applications. With offices in Australia and New Zealand, Fire Protection Technologies provides in house system design, engineering and technical expertise, enabling you to deliver the highest quality fit for purpose fire system to suit your requirements.

**Demonstration – Interactive Zone Day 2 Afternoon**

### ■ 22 Trend Windows and Doors Pty Ltd

Trend Windows & Doors is the market leader in domestic windows and doors. A clear innovator in research and development highlighted by the development of Xtreme Bushfire 40kWm2 rated windows and doors in 2005 with CSIRO and now compliant to Section 8 – BAL 40, AS3959 – 2009 tested to, AS 1530.8.1 – 2007 by CSIRO in 2009.

**Presentation – Theatre Day 1 Afternoon**



## Pyrotenax® MIMS

The ultimate fire survival MIMS wiring system



## Pyrotenax MIMS

The only true fire survival cable system

- Ideal solution to many difficult and demanding wiring installations.
- Safe in hazardous installations and radio active environments.
- Choices for hydrocarbon, tunnel, commercial and industrial applications.
- Unique cable systems – Pyrotenax Zero EMI® and Earth Sheath Return.

Pyrotenax MIMS tried, tested and approved worldwide

Versatile | Reliable | Durable

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