

Issue 16 - May 2013

Getting interactive with the ASFP



The **Association for Specialist Fire Protection** (ASFP) stand, featuring a 12sqm video screen, will be the focal point of the ASFP Passive Fire Protection Zone at Firex International, at Birmingham NEC from 13-16 May.

Displays throughout the zone will concentrate on education, with the ASFP showcasing a new range of tools aimed at improving understanding of passive fire protection and assisting with the fire risk assessment process. A new industry training scheme for passive fire protection will also be introduced.

The new range of tools being launched at the show include an Android-based fire risk assessment app, as well as its new video channel which will feature free-to-view online videos.

The ASFP's new app – FIREsafety File – will be free to download at the show. Available as a BETA test version, visitors will be encouraged to use the new tool and offer feedback to ASFP.

FIREsafety File offers a range of checklists which guide the user through onsite inspections of passive fire protection, allowing them to add notes and images as necessary. Its output can be exported and configured to fit into report templates.

The ASFP will also be offering a range of seminar sessions to discuss issues affecting the fire safety of buildings, including high rise cladding, training, quality and competence in passive fire protection and sustainability versus fire safety.

A number of ASFP member companies will also be supporting the Passive Fire Protection Zone, on hand to answer questions and provide detailed advice on particular products and installation matters, as well as details of available third party certification schemes.

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🌐 [website \(http://www.asfp.org.uk/webdocs/exhibitions.php\)](http://www.asfp.org.uk/webdocs/exhibitions.php)

Cementitious system for the "Walkie Talkie"



Fire protection contractor **Sharpfibre** has entered its work on 20 Fenchurch Street, London, the "Walkie Talkie", for the Firex International 2013 Awards.

At 37 storeys and at a height of 160m, the building presented developer Canary Wharf Contractors (CWCL) with a number of challenges during its construction, including fire protection.

The building required structural steel fire protection to 90 and 120 minutes with an extremely demanding build programme. This meant that the fire protection system required needed to incorporate logistics, speed of application and stringent environment control. Working in partnership with CWCL, Sharpfibre's solution was a cementitious fire spray system.

With a total of 80,000m² of structural steelwork to be protected at the rate of one floor per week, the system needed to be fast to apply and quick to cure, whilst being able to withstand exposure to the elements once applied. In addition, the system needed to be controlled to prevent any egress from the totally exposed building envelope, maintaining strict environmental controls imposed by the Corporation of London, coupled with regular air monitoring.

Locating a bespoke purpose-built pumping station on the ground floor ensured that the mixed materials could be supplied direct to the entire building from one location. To control the application and ensure compliance with the environmental conditions, Sharpfibre's encapsulation system was used during the application works.

Application work began in June 2012, and was completed on time in March 2013.

✉ [email \(mailto:info@sharpfibre.com\)](mailto:info@sharpfibre.com)

🌐 [website \(http://www.sharpfibre.co.uk\)](http://www.sharpfibre.co.uk)

IFC Group up for Firex Awards



International Fire Consultants Group are delighted to have two nominations for the Firex International 2013 Awards. They are exhibiting from 13-16 May to present their new and expanding fire engineering services, certification schemes and CE marking activities.

IFC Ltd, plus IFC Certification's Technical and engineering staff will be present throughout the show on Stand **3/C21** in the ASFP Passive Fire Protection Zone. They welcome the opportunity to address your current and future needs and discuss any challenges. CE marking, fire risk assessment and the benefits of third party certification are all "hot topics"!

In a high profile few weeks IFC Group managing director, Graham Wiles, met London Mayor, Boris Johnson, at MIPIIM and discussed major developments in the capital.

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Promat at Firex International



Promat UK will be at the 2013 Firex International exhibition to display examples from its range of passive fire protection products and high temperature insulation solutions, together with information on its technical support services.

The company offers a range of passive fire protection boards, thermal insulation, penetration seals, glazing and spray products that are designed to satisfy today's fire protection requirements and enable the creation of proven, effective and fully-integrated fire protection solutions.

This range is backed by third-party approvals and accreditations which allow products to be specified in complete confidence. The specification process is made even easier by the comprehensive technical support which Promat offers to its customers. The company can provide advice and guidance at every stage, from the initial system design – which includes the newly launched SPEC SELECT® – through to final installation, helping to ensure that the completed protection system is effective, reliable and compliant with all relevant regulations and best practice guidelines.

For further information visit Promat at Firex International, NEC, 13-16 May, Stand No: **3/B7, Hall 3**.

[✉ email \(mailto:marketinguk@promat.co.uk\)](mailto:marketinguk@promat.co.uk)

[➡ website \(http://www.promat.co.uk/\)](http://www.promat.co.uk/)

FPCL Thermal Control at Firex



Fire Protection Coatings Limited (FPCL) will launch its new Thermal Control and Protection Enclosure at the Firex International exhibition in May 2013.

This has been designed and tested to protect sensitive electronic actuation systems for up to 2 hours at 300°C (continuous), while its internal operating temperature is maintained at below 100°C. This meets industry standards and ensures that the electronic actuation unit or the electronic control box continues to work in a fire situation, enabling the damper or smoke extraction system to continue its vital operation.

FPCL will also be displaying the latest technology in timber flame retardants and treatments.

For further information visit FPCL in **Hall 3, Stand 3/A1**.

[✉ email \(mailto:fpcltd@btconnect.com\)](mailto:fpcltd@btconnect.com)

[➡ website \(http://www.fireprotectioncoatings.com\)](http://www.fireprotectioncoatings.com/)

Leighs Paints becomes Sherwin-Williams



Specialist industrial coatings supplier, **Leighs Paints**, is now trading as Sherwin-Williams Protective & Marine Coatings.

Sherwin-Williams will continue to manufacture the FIRETEX® range of passive fire protection products for both cellulosic and hydrocarbon pool and jet fires, and plans to expand its portfolio and grow its presence in markets across Europe, the Middle East and Africa (EMEA).

Managing Director, Gordon Bell said, "Our customers and partners operate globally, and by integrating Leighs Paints and Sherwin-Williams we are making it easier for customers to do business with us.

"We are committed to delivering the same coating formulations that our customers have grown to trust, whilst further expanding our protective and marine coatings portfolio to meet the wide range of applications within the industries we serve.

"We delivered quality service for more than 150 years under the Leighs Paints name and remain committed to protecting our customers' businesses. Our coatings may now be delivered in new packaging, but the quality of product in the can has not changed."

The company recently launched M90-02, the latest addition to the FIRETEX® range of intumescent and insulation materials, which it says offers durable, epoxy fire protection products that are solvent-free and fast curing, with fire protection for up to 3 hours on structural steel, decks and bulkheads.

For further information please contact Danica Zeise on +44 (0)1204 521 771.

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CIF offers guidance in response to Lakanal



The inquest into the Lakanal House fire in July 2009 in which six residents of the high rise social housing block tragically lost their lives discovered a general failure to comply with the principles of fire safety regulation and a lack of understanding of passive fire protection.

Coroner Frances Kirkham CBE made a number of recommendations for developing the understanding and training of those responsible for the fire safety of such buildings.

In response to the tragedy, **Chiltern International Fire** (CIF) has joined with a number of professional organisations, including the Association for Specialist Fire Protection, in calling for improved training for professionals involved in the design, specification, construction and management of buildings.

CIF Deputy Technical Manager Mark Cummings explains:

"If you have any responsibility for the fire safety of others, it is vital that you have an understanding of the role that passive fire protection products play in preventing the spread of fire and your obligations under the Regulatory Reform (Fire Safety) Order."

CIF offers a range of seminars and courses designed to improve the understanding of professionals involved in the design, specification, construction and management of buildings and provide suitable guidance. These include the free half-day regional seminar, *Fire Protection Measures – Understanding Your Responsibilities*, and the one-day CPD certified course, *Fire Protection in Buildings Explained – the Role of Passive Fire Protection Products*

CIF is exhibiting on stand **3/C12** at Firex International and is offering a 25% discount off the cost of its 4 June *Fire Protection in Buildings Explained* course to anyone who books during the event.

✉ email (<mailto:training@chilternfire.co.uk>)

🌐 website (<http://www.chilternfire.co.uk/training>)

CE marked fire dampers



Following the introduction of the new Construction Products Regulation (CPR) on 1 July 2013, Actionair, part of **Ruskin Air Management**, will offer its range of CE marked fire dampers together with the widest scope of approved installation methods available.

Under the CPR, manufacturers of construction products which are covered by harmonised European product standards (hENs) will be required to affix the CE mark and make a Declaration of Performance (DoP) for their products.

CE marked fire dampers must comply fully with the product standard: BS EN 15650:2010: *Ventilation for buildings – Fire Dampers*, and compliance is verified through assessment by a 'Notified Body'.

The full and intensive assessment process includes:

- Fire testing to the latest European standards - BS EN 1366-2 (also classified to BSEN13501-3)
- Corrosion testing to EN60068-2-52
- Thermal fuse testing to ISO 10294-4
- Factory production control which includes a continuous programme of cyclic and leakage testing of production dampers to ensure full compliance of every product.

Companies must also be ISO 9001:2008 accredited, and every product must be CE marked with all the known characteristics, and supplied with comprehensive installation, operation and maintenance instructions.

Greater legal responsibility for ensuring compliance with the harmonised standards will also be imposed on importers, distributors, specifiers, designers and builders.

Actionair will be at the Firex exhibition, NEC Birmingham, from 13-16 May 2013 - **Hall 3 3/B21** - to explain the standards and their implications.

✉ email (<mailto:sales@actionair.co.uk>)

🌐 website (<http://www.ruskinuk.co.uk>)

Intelligent 'Freedor' fire door from Fireco

Freedor, the intelligent fire door from **Fireco**, can stay open at any angle, but automatically closes when the fire alarm sounds. This solves the problem of needing to keep fire doors closed to stop the spread of fire, while ease and convenience often mean that doors are propped open.



Fireco says that Freedom is neat and unobtrusive, has no wires, and is easy to install in new buildings and to retrofit. It has a battery life of 12-18 months, and comes in a number of finishes including chrome, brass and stainless steel, to suit different decors.

Freedom swings open freely and can be left in any position, but will close automatically when it hears a fire alarm, preventing the spread of fire and smoke around the building. It is said to be perfect for organisations or individuals who need access through their doors – for deliveries, wheelchair or pushchair access or just want a thoroughfare from room to room. It can be installed for right and left hand swing doors and has a night-time release facility.

Sales and Marketing Director, Wesley Kent, said, "We are very proud of Freedom as it is another product which brings an innovative solution to make life easier for our customers. Many of our clients, be they individuals or organisations, have told us how impressed they are with the ease and unobtrusive nature of Freedom. It brings peace of mind at an affordable cost."

Freedom is available from £325, including installation, after care service and support.

[✉ email \(mailto:eloise.miller@nirvanamarketing.co.uk\)](mailto:eloise.miller@nirvanamarketing.co.uk)

[🌐 website \(http://www.firecoltd.com\)](http://www.firecoltd.com)

New LPCB door standards



LPCB has launched two revised door standards to help reinforce the message that doorsets, shutters and active smoke/fire barriers must be correctly maintained and installed in order to protect life, property and business.

In order to meet the demands of a changing market, LPCB has updated LPS 1197: *Requirements for the LPCB Approval and Listing of Companies inspecting, repairing and maintaining fire and security doors, doorsets, shutters and active smoke/fire barriers*, and LPS 1271: *Requirements for the LPCB Approval and Listing of Companies installing fire and security doors, doorsets, shutters and active smoke/fire barriers*.

LPS 1197 now includes inspection of fire doors and shutters, and also the maintenance of security doors and shutters. Both schemes now also require that the approved companies issue numbered LPCB Certificates of Conformity which certify that the works were carried out in accordance with the installation rules applied.

These schemes were developed to address the issues of poor installation and upkeep of doorsets, shutters and smoke/fire barriers. The basic principle of third-party certification schemes such as these is that they are operated by bodies that have the necessary expertise to verify that products meet the agreed specification.

To search companies that are approved to LPS 1197 and LPS 1271, as well as download free pdf versions of the standards, please visit www.redbooklive.com (<http://www.redbooklive.com/>)

Further information can also be found at our Firex stand: **3/B20** (LPCB Red Book Pavilion)

[✉ email \(mailto:howards@bre.co.uk\)](mailto:howards@bre.co.uk)

[🌐 website \(http://www.bre.co.uk\)](http://www.bre.co.uk)

Avesta offers fire strategy review



ASFP member **Avesta** was established in October 2010, and provides a range of services, primarily in the field of passive fire protection, to both private and commercial clients. It aims to offer a single point of responsibility across a number of specialist trades.

Working throughout the UK, Avesta provides passive fire protection; air sealing – including testing in association with BSRIA; thermal insulation; acoustic sealing – including testing in association with BSRIA; fire risk engineering; concrete cutting services; and fire risk assessments.

Avesta says that fire protection measures originally specified may be inappropriate or uneconomic, and offers to review the fire strategy and evaluate the feasibility of alternatives, while taking into account time constraints and costs of the project. The company is also able to carry out the identified works, whether within new or existing buildings.

In line with new fire safety legislation, Avesta also offers surveys which ensure that the life-saving compartmentation products built into the fabric of the building are maintained. It says that while many passive fire protection products require no maintenance (providing the installed systems remain intact and undisturbed) all systems should be inspected on a regular basis to ensure fire integrity is maintained.

Many Avesta products provide thermal, acoustic and air sealing performance and, as part of the company's Framework agreement with BSRIA, which means it can offer an all-encompassing 'fit and test' service.

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The CPR clock is ticking



The Construction Products Regulation (CPR) comes into force on 1 July 2013, and will affect manufacturers, distributors, end users, specifiers and architects.

Under the CPR, it will become mandatory for manufacturers, or the legal entity which is placing a product on the market, to apply CE marking to any of their products which are covered by the Annex ZA of a harmonised European standard (hEN).

Paul Duggan, manager of **Exova Warringtonfire**, said, "This is a major change as affixing of a CE mark under the provisions of the existing Construction Products Directive (CPD) is currently voluntary in the UK. One of the priorities is to make all products traceable back to the person placing them legally on the market. Whatever the product, whether a tile, a piece of timber, plastic or cement, it should be CE marked. There is a need for each company to understand which standard is relevant for which product, and then which assessment is appropriate

for their own needs."

Mr Duggan warned that confusion about CE marking may result in retailers and wholesalers simply refusing to stock products that are not CE marked, due to concerns about products which are not CE marked, or that their insurance cover is affected.

"The CE mark is, simply put, an endorsement that the product has been assessed and has the verified supporting data," he declared.

Exova Warringtonfire will be on stand **3/B3** at Firex International on 13 May to 16 May 2013, to provide guidance and advice on what steps to take.

✉ email (<mailto:globalfire@exova.com>)

🌐 website (<http://www.exova.com>)

Pyroplex at Firex



Pyroplex Limited will be exhibiting at Firex International to showcase a Penetration Solution Fire Wall, including CE marked pipe collars and wraps.

The company says it has invested heavily in the testing and approval of penetration sealing solutions to ensure they meet the ever increasing requirements of the international marketplace.

Firex will also offer an opportunity to view the Pyroplex range of intumescent-based solutions for use in timber and metal doorsets, a comprehensive range covering 30min, 60min and 90min fire, smoke and acoustic solutions.

The complexities of fire door construction often mean that Pyroplex is involved in specialist seal design,

manufacturing and testing. The company's Technical Manager will be present on stand 3/A15 at Firex to discuss any specialist requirements visitors may have.

The Pyroplex multi-lingual team, speaking Polish, Russian, German, French and Spanish, will also be available to guide visitors through the range of associated test evidence, and to answer any technical questions with regard to specific products and country requirements.

✉ email (<mailto:info@pyroplex.com>)

🌐 website (<http://www.pyroplex.com>)

Smoke control technology saves lives

Mechanical smoke extraction systems with motorised smoke control dampers save lives in the event of a fire. ASFP member **Belimo** says that its tested and approved actuators and flexible complete solutions also play a key role in protecting people in buildings.



Belimo says that keeping escape and emergency routes smoke-free is a top priority in the event of fire. Mechanical smoke control units with motorised dampers effectively extract the smoke and toxic fumes outside. This allows people to be rescued from the danger zone quickly, and makes it easier for firefighters to reach and tackle the source of the fire.

Smoke control dampers and actuators have to satisfy the most stringent requirements to ensure that they fulfil their safety tasks reliably in an emergency. They are therefore carefully co-ordinated with one another and are only supplied as certified units. Depending on their smoke control concept, they may have to work for more than 25 minutes in a fire.

Belimo also offers graded complete solutions to control and monitor smoke control dampers. Because they make planning, installation and operation much easier, they contribute significantly to the acceptance of mechanical smoke extraction systems and therefore significantly improve personal protection.

Visit Belimo on stand **3/A14** at Firex International.

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🌐 [website \(http://www.belimo.co.uk\)](http://www.belimo.co.uk)

Firestopit enhances UL testing



Fire protection solutions manufacturer **Firestopit** is developing new products to meet the growing demands for life safety and a controlled building environment, while also ensuring that its current range continues to evolve.

The company is investing in CE Marking for the European market – for the introduction of Construction Products Regulations (CPR) – as well as continuing testing in its local markets and to UL/ASTM standards for the Gulf region and the Americas.

As part of this, Firestopit is embarking on a series of ASTM fire tests to gain UL classification for its products. This new venture for the company will enable it to show that a UK-manufactured product can be used under EN/BS/ASTM/UL testing and classifications.

UL's time-tested system supports governmental product safety regulations, and will help Firestopit and its customers meet the challenge of accessing global markets, while bringing safer products to consumers, and building on its product safety heritage. Firestopit have UL listings for XHBN jointing systems, with planned listings for XHDG perimeter systems and XHEZ through penetration systems.

Visit Firestopit on stand **3/C14** at Firex International.

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