

## FEATURE EXHIBITOR

### VAVENTIS FRESH-R®

Stand - 13

Fresh-R® were awarded the Passivhaus Component Award this year. According to the Passivhaus jury, they have the cheapest solution per cubic meter fresh air, for energy retrofits.

They are bringing smart indoor air care to the Passivhaus community with their decentral ventilator with heat recovery. With smart indoor air care, they mean the measuring of humidity and carbon dioxide levels, consequently ventilating when necessary, exchanging the warmth of the outgoing stale air to the incoming fresh air and giving insight in indoor air quality, ventilation and heat recovery data that is collected.

#### Demonstration Times:

14.45 - 15.00

15.30 - 15.45



### 15:40

Stand - 22

The 15-40 collective of architecture practices share a commitment to radically reduce the energy consumption of buildings through a 'fabric first' approach. The members of 15-40 include 7 Certified Passivhaus Designers, and have extensive experience in delivering sustainable new build and retrofit projects using Passivhaus construction methodologies.



## AIRFLOW DEVELOPMENTS

Stand - 17

Airflow Developments Ltd have been producing ventilation solutions for sixty years and provide the widest range (8 models) of Passive House Institute approved Mechanical Ventilation with Heat Recovery (MVHR) units for both residential and Commercial buildings in the UK.



## ASBP

Stand - 21

The Alliance of Sustainable Building Products (ASBP) is a cross sector, not for profit organisation. Committed to accelerating the transition to a high performance, healthy and low carbon built environment by championing the increased understanding and use of building products that meet demonstrably high standards of sustainability.



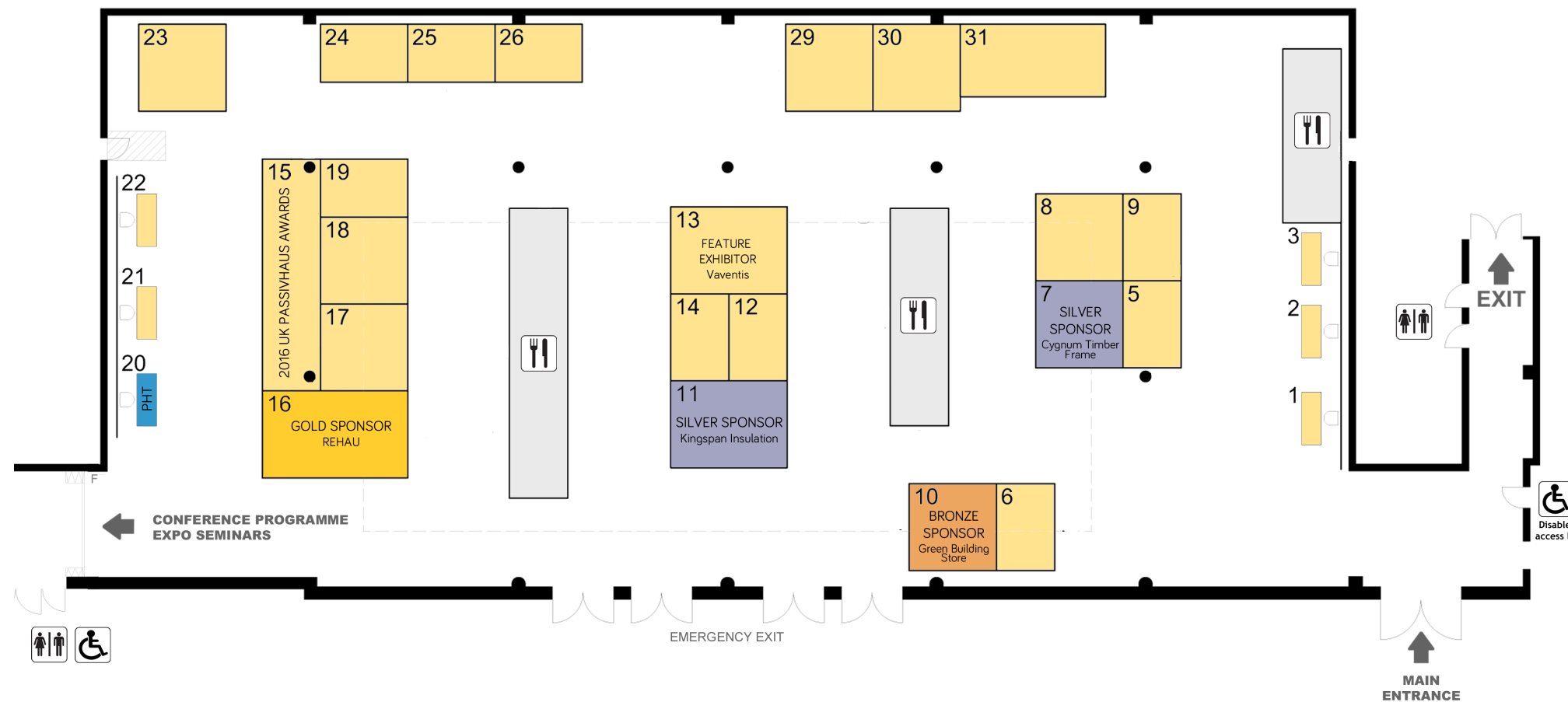
## BOW TIE CONSTRUCTION

Stand - 01

Bow Tie deliver stylish, innovative, energy efficient & sustainable home refurbishments, extensions, renovations, loft conversions and much more. Professional builders with a commitment to quality, innovation and technical excellence, and an ethical approach to each design and building project managed.



# uk passivhaus conference 2016



## PYC GROUP

Stand - 23

PYC Group

PYC Systems Ltd is a building material distribution company delivering and supporting class leading insulation and intelligent vapour retarder products. PYC Insulation is the distributor of Warmcel Thermal Insulation throughout the UK and ROI. A leading product in the cellulose fibre technology market Warmcel is created from 100% recycled newspaper and manufactured into high performance insulation.

## SCHÖCK

Stand - 08



The Schöck Isokorb range offers load-bearing thermal insulation solutions for a variety of connectivity applications such as balconies, canopies, brise soleil and even parapets. Connections can be made between concrete-to-concrete, concrete-to-steel and steel-to-steel. Schöck products meet full compliance with relevant UK building regulations, are BBA approved and LABC registered.

Thermal performance is independently verified by the Oxford Brookes University and the Passivhouse Institute.

## SOUTH SURVEY

Stand - 03



South Survey offer a range of survey packages including software that allows sites and buildings to be measured and drawn quickly and accurately. Survey Marker plates for fixed datum points on site creating useful benchmarks for everybody to work to for Quality Assurance.

## WHITE AIR

Stand - 29



White Air Blowerproof Liquid are the UK's first and only company to provide and install a Liquid Airtight Vapour Control Membrane. They can guarantee air tests of 0.6 arch or lower.

## MEDITE SMARTPLY

Stand - 18



Arguably Europe's most recognised brand of MDF; available in Europe since 1976 medite were the pioneers in introducing MDF to European markets. That has allowed Medite products to now be recognised as the benchmark for quality, consistency and performance in the MDF market.

## PASSIVE HOUSE SYSTEMS

Stand - 06



Passive House Systems are passionate about indoor ventilation. The company has over 10 years experience in providing air tightness products to the UK construction industry.

## Passivhaus Institute (PHI)

Stand - 02



The Passivhaus Institute (PHI) is an independent research institute that has played a crucial role in the development of the Passivhaus concept. Learn more about global activities and the latest developments such as the upcoming 2017 International Passivhaus Conference, along with PHPP & designPH software.

## ISOQUICK

Stand - 14



ISOQUICK® provides both an effective and inexpensive insulating foundation that can easily be adapted for any new-build residential or commercial project – be it a low-energy, passive, net-zero-energy or energy-plus house. The ISOQUICK® brand has national technical approval. In addition, they are the first provider of load-bearing perimeter insulation to be certified by the Passive House Institute Darmstadt as a "component suitable for passive houses".

## JOSKO

Stand PHC - 31



Josko is a full-range supplier of windows, exterior & interior doors and all-glass systems. Since 1960 Josko has pursued best product quality and the highest demands of design and innovation. Many of Josko's ideas have already been adopted throughout Europe. As the saying goes: imitation is the sincerest form of flattery. Nevertheless, there can be only one original.

## MAGMATECH

Stand - 26



MagmaTech develops thermally insulating wall ties designed to remove thermal bridging from insulated buildings. This includes low conductivity basalt fibre wall ties for use in masonry cavity walls; the TEPLo range. Thermally broken connections between most construction materials are possible. MagmaTech welcomes the opportunity to solve your thermal bridging problems.

## ECOLOGICAL BUILDING SYSTEMS

Stand - 09



Ecological, have been sole agents of the pro clima range of air and windtight building products for over 15 years. Products have been used in numerous low energy and Passivhaus builds along with on-site technical support and knowledge. Pro clima offer a total solution to providing a continuous seal in the internal fabric of the building. They supply natural insulations for diffusion open buildings, one of which is GUTEX wood fibreboards which offer the ideal solution for insulating both new build and refurbishment. The boards are superior quality and are stocked in the UK ensuring competitive pricing.

## ECOLOGY BUILDING SOCIETY

Stand - 12



Ecology Building Society provides mortgages for properties that benefit the environment. Their residential mortgage range includes C-Change Discounts, which offer a 1.25% discount off Standard Variable Rates for Passivhaus certified homes for the lifetime of the mortgage. They also provide Small Scale Development Mortgages for developers of Passivhaus homes.

## CVC Direct

Stand - 24



CVC Direct is a family run business which has been trading for over 25 years and specialises in Heat Recovery Ventilation, Central Vacuum Systems and Ground/Air Heat Exchange (GAHE) ducting. They offer free advice, free planning and quotations. For the ventilation systems, CVC Direct are able to produce (at a cost) detailed 3D drawings and specifications. Ask for our free 'Guide to Planning and Installing a Heat Recovery System'.

## DVS

Stand - 19



DVS supply superior energy efficient flat roof skylights for natural lighting, ventilation, access and safety. Their CE marked rooflights include; rooflight domes, continuous barrel vault rooflights, glass & aluminium skylights, glazed roofing systems. The range also includes pHA Advanced Passivhaus certified rooflights and roof glazing systems – which are installed on many UK Passivhaus projects including The University of Leicester's New Medical Centre.

## ECOHAUS INTERNORM

Stand - 25



Ecohaus Internorm is Internorm's leading UK Partner and only Commercial Installer. With a proven track record in PassivHaus installations nationwide, their portfolio includes Social Housing, Multi & Private Residential, Schools and soon to include their first Monastery. Ecohaus are currently on site on Wilmcote House, a 110 apartment Enerphit development.

## Sponsors

### REHAU

Stand - 16

Founded in Germany in 1948, REHAU is now one of the world's leading polymer producers – developing innovative, efficient and high quality solutions in polymer which meet the demands of both the construction and industrial markets. The company's reputation has been built on delivering products and systems which exploit the inherent benefits of polymer and offer environmentally efficient, high performing alternatives to traditional materials.

A global company, established in 170 locations and with more than 19000 employees worldwide, REHAU has huge resources invested in product development and application. In the UK, it has a large headquarters in Ross on Wye with dedicated technical and product development teams, two large scale polymer extrusion plants in North Wales and a network of regional sales offices and commercial specialists providing advice and support to developers, specifiers, and contractors.

The company's product range includes market leading Passivhaus window, door and curtain walling systems, developed in both PVC-U and composites. Hugely versatile and capable of producing frames in a wide variety of shapes, styles and colours, REHAU is a popular choice across the retail, trade and commercial sectors.

Alongside window systems, REHAU also manufactures other products for the construction market including renewable energy solutions, cable management systems and highly specialised pipework and fittings for plumbing and underfloor heating, district heating and ground source energy applications.

0845 3098007 [www.rehau.uk](http://www.rehau.uk)

GOLD SPONSOR



### Kingspan Insulation Limited

Stand - 11

Kingspan Insulation is a market leading manufacturer of optimum, premium and high performance rigid insulation products and insulated systems for building fabric and building services applications. Kingspan Insulation is one of the founding members of the Passivhaus Trust and is at the forefront of the low energy building drive, helping architects and developers get the most energy efficient building envelope performance whilst taking up minimal space. Its products are among the most thermally efficient and technically advanced insulation materials available and have many advantages over traditional insulation materials.

01544 388 601 [www.kingspaninsulation.co.uk](http://www.kingspaninsulation.co.uk)

SILVER SPONSOR



### Cygnum Timber Frame Ltd

Stand - 07

Cygnum can deliver timber structures from the technically challenging to the ultra-low energy principles of Passivhaus. In 2011, Cygnum built one of the UK's first Passivhaus registered schools in Wolverhampton. The success of the project and quality of our work achieved widespread recognition to the extent that we are now the main timber frame supplier to other such projects in this market:

- Developed a certified Passivhaus building system in 2013.
- In-house certified Passivhaus designers and experienced directly employed installers
- Successfully completed a wide range of large Passivhaus projects.
- We can design a Passivhaus wall system tailored to suit your project's needs.
- Ongoing focus on Passivhaus product development

01449 771782 [www.cygnum.co.uk](http://www.cygnum.co.uk)

SILVER SPONSOR



### Green Building Store

Stand - 10

Green Building Store has been offering robust and practical solutions to help you save energy and minimise the environmental impact of your building project since 1995.

Green Building Store is at the forefront of introducing Passivhaus products and design into the UK. We offer a pioneering and comprehensive range of Passivhaus products backed up by technical support and information, including: FREE technical resources, CPDs and training, building and consultancy services and a specialist MVHR design service.

01484 461705 [www.greenbuildingstore.co.uk](http://www.greenbuildingstore.co.uk)

BRONZE SPONSOR



### Zehnder

Stand - 30

Zehnder are manufacturers of indoor climate solutions and the market leading provider of the best performing Passivhaus accredited MVHR systems, achieving up to 96% heat recovery efficiency. Founding members of the Passivhaus Trust UK, and experienced in the planning of ventilation strategies from small urban apartments and luxury developments to Passivhaus homes.

Comfort, health and energy efficiency are core to their business operations, through product design and development to technical advice and service, Zehnder have both the products and support you expect from a market leading brand.

01276 605800 [www.zehnder.co.uk](http://www.zehnder.co.uk)

DRINKS SPONSOR



## Organisers

### Passivhaus Trust

Stand - 20

The Passivhaus Trust is an independent, non-profit organisation that provides leadership in the UK for the adoption of the Passivhaus standard and methodology. Passivhaus is the leading international low energy, design standard. Over 65,000 buildings have been designed, built and tested to this standard worldwide.

The Trust aims to promote the principles of Passivhaus as a highly effective way of reducing energy use and carbon emissions from buildings in the UK, as well as providing high standards of comfort and building health.

The team are currently working on a number of activities and events. such as the Passivhaus goes Personal and Passivhaus Student Competition, which are officially launching here at the Conference. The annual UK Passivhaus Open Days will be taking place this November. Don't miss your chance to visit a Passivhaus for free!

020 7704 3502 [www.passivhaustrust.org.uk](http://www.passivhaustrust.org.uk)

ORGANISER



The UK Passive House Organisation

### BRE

Building Research Establishment (BRE) are a world leading building science centre and the authority on all aspects of the built environment. We generate new knowledge through research that is used to create products, tools and standards that drive positive change across the built environment. We enable our government and private sector clients to meet the environmental, social and economic challenges they face by delivering higher performing, better quality, safer, more secure and more sustainable products, homes, buildings and communities. We are owned by the BRE Trust, a registered charity, which funds research and education that advances knowledge of the built environment. We are committed to building a better world together. We are BRE.

0333 321 88 11 [www.bre.co.uk](http://www.bre.co.uk)

ORGANISER

