



A Guide to



CAB Aluminium Pavilion

In association with

THE FABRICATOR

Commercial Glazier and Glass Processor



Under the CAB umbrella

Justin Ratcliffe, CAB CEO, looks forward to a record breaking CAB Pavilion at the FIT Show which will highlight aluminium's growing presence in the domestic and home improvement sectors

The 15 member strong 500m² CAB Aluminium Pavilion in Hall 8 is testament to the exciting growth in the use of aluminium in the door, window and conservatory markets in housing. According to Robert Palmer, Palmer Market Research, "since 2008 aluminium has seen exponential growth of 37% in value terms" in this sector. This is impressive because it's been delivered while the market as a whole grew by just 2%. CAB's latest *State of the Market Survey* (Q1, 2017) highlighted, that despite the uncertainty that prevailed last year, there was still considerable confidence in the future with 86% net balance of respondents expecting sales to increase over the next 12 months.

Aluminium's ascendancy

The exhibition has really captured the imagination of the residential aluminium in building sector with Hall 8 dominated by the material and CAB, for its part, will be highlighting aluminium's potential for further significant growth in this sector. According to Palmer in his report on *The Window, Door and Conservatory Markets in Housing*



2016, 'aluminium as a material type and bi-fold doors remain in the ascendancy, building share in new markets'. Palmer predicts that there will be growth in the bi-fold door market alone of around 50% to 35,000 door sets by 2020 despite noting that 'some slowing in the housing market is likely'.

The 15 CAB members on the CAB Pavilion represent a wide cross section of the supply chain. There are a further 19 CAB members with their own stands throughout the FIT Show with all members being highlighted in the form of a 'CAB Trail'. A number of these exhibitors will be using the show as a launch pad for new aluminium products.

With its renowned technical expertise, the CAB technical team will be on hand in the CAB lounge area (CAB 01) to answer queries on relevant standards,

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regulations and best practice issues. The lounge will be a draw for any fabricator/installer interested in adding aluminium to their existing range or wanting to know how they can take part in CAB's training provision for member companies.

CAB fabricator/installer training

We will be taking bookings for our fabricator/installer courses run in conjunction with Total Support Training which includes three relevant NVQ Units. The initial one day courses will cover:

- Health & Safety
- Handling materials
- Fabrication or installation of windows

The courses are scheduled to run in Sheffield, Birmingham and London and successful candidates will receive a GQA Skills Card. Fabricators undertaking more complex works may be interested to know how they can sign up for our series of leading contractual awareness courses organised by CAB and presented, throughout the UK, by Knowles.

Palmer predicts that there will be growth in the bi-fold door market of around 50% to 35,000 door sets by 2020

CAB is also interested in talking to fabricators and installers about the array of membership benefits available in 2017 and beyond.

Justin Ratcliffe

For more information on CAB and its activities please contact us on 01453 828851 or email me: justin.ratcliffe@c.a.b.org.uk

Join the professionals

Justin Furness, CAB technical director, looks at the technical membership benefits of being part of the essential trade body for aluminium in building

When I am asked what it is that we do at CAB, I reply that essentially we are here to promote and defend the use of aluminium in building in both commercial and residential applications on behalf of our members. For any non-members out there: who do you approach for technical information, advice and guidance?

Of course your suppliers will be able to help you with their perspective, but what if you would like an independent view? The continued growth in the use of aluminium in the construction sector is fantastic, and the growth of aluminium in the domestic market is striking. Perhaps as a fabricator or installer you are expanding into aluminium products, having started out in another material or market. If so:

- Do you need to know which British and European standards apply?
- How you should relate these standards to your aluminium products?
- Are you fully up to speed with all the regulations that you need to address?

Technical membership benefits

One of the advantages of being a member of CAB is priority access to our **technical helpline**. While we can't promise to be able to answer every question, we work on the principle that if we can't help, we aim to know someone who can. In addition, we have a wide range of user-friendly **Guidance Notes** available to members that cover many of the frequently asked questions, on topics ranging from part L to BIM. Our **Standards Watch** service will track all the British and European standards that are important to a member's business and alert you when any changes to these documents are in the pipeline,

helping you to stay one step ahead of the competition by demonstrating to customers that you have access to the latest standards information.

But this is only half of the story – this is how you can use CAB in reactive mode. CAB also works on behalf of its members in proactive mode. For example:

- Would you like to actually influence the standards and regulations that are under development before they impact on your business, or even possibly before they stop your business in its tracks?
- What policies and technologies will emerge in the future that you need to prepare for?

We sit on the critical **standards and industry committees** in the UK and Europe, where we can ensure that the interests of members are fully considered in forthcoming standards and regulations, and we look at how changes to these could even make your life easier.

To do this, we need to maintain an open, two-way dialogue with members, and this takes place primarily through our **Technical Committee**, on which each CAB member automatically has a seat. If you would prefer to have that dialogue with us on a one-to-one basis, we are always pleased to visit members' premises to discuss technical issues.

Join CAB to develop your technical capabilities

Additionally, we organise the annual **Aluminium in Building conference** and are expanding our range of **technical training** and **CPD**. We also maintain excellent links with our fellow associations in Europe, which helps us all improve as we promote and defend aluminium in building.

Justin Furness



One of the highlights of the CAB technical calendar is the annual Aluminium in Building conference



Aluminium Pavilion Exhibitors

As a dedicated sealant manufacturer, **Adshead Ratcliffe & Co Ltd** is able to supply products to the construction industry and meet virtually any requirements, its in-house research and development facilities at Belper are able to tailor make sealants for more specialized applications and for RAL colour matching to order.



Arbo Facade Solutions has developed its own EPDM Membrane System, which allows architects, contractors and installers to achieve excellent weather sealing results.

ArboMaster Warranty Scheme offers a 10 year guaranteed sealant application service through a network of approved applicators.

Stand No: CAB24

Tel: 01773 826661

www.arbo.co.uk

Alpro will be exhibiting once again this year at the FIT show on stand CAB 16, which forms part of the Council for Aluminium in



Building (CAB) pavilion. This is part of Alpro's long ranging strategy that aims to promote the company's product and services to the fabricator and installer community through every available means.

The **Alpro** product range comprises a variety of contemporary handle styles, which are both hard wearing and aesthetically pleasing, with bespoke designs available to your own specifications. The **Alpro** range also includes, both mechanical and electro mechanical products such as electric strikes and door locks. All of which have been designed for use in the commercial aluminium door industry.

Stand No: CAB16

Tel: 01202 676262

www.alpro.co.uk

Dales designs manufactures and supplies bespoke aluminium solar shading (brise soleil) systems that are tailored to suit individual projects either fixed to, or independent of, the curtain-walling systems. Elliptical shadex blades range in size from 100mm to 400mm and can be curved, as supplied on the prestigious Hyde Park underpass dual carriageway. **Dales** also designs and manufactures aluminium eaves cladding for large roof overhangs with elliptical and other bullnose features a speciality. Other aluminium products include aluminium rainscreen cladding, aluminium wall cappings and aluminium gutters and rainwater pipes.



Stand No: CAB30

Tel: 0115 930 1521

www.dales-eves.co.uk

AkzoNobel is the world's largest manufacturer of powder coatings for architectural applications, offering a range of standard and customised finishes meeting national and international standards.



Powder coating finishes are continually evolving and **AkzoNobel** is very much at the forefront of meeting design trends. So much so that it will also be showcasing an assortment of multi-component effects that resemble alternative materials including stone, concrete and anodising. These special effect finishes demonstrate variations in colour and patination and offer enhanced weathering resistance.

Come and see these finishes for yourself on the CAB Pavillion, we look forward to welcoming you.

Stand CAB20

Tel: 0191 401 2281

www.interpon.co.uk

Aluminium bending **Specialists** (ABS Ltd) is the UK's premier aluminium extrusion/section bending company.



ABS provides specialist service for a wide range of industries, particular the aluminium window and façade industry. **ABS** can not only provide a bending service, but fully fabricated circular windows, and shaped windows and doors.

ABS is excited about exhibiting at the FIT show, as it will allow the window industry to see first-hand the services and products **ABS** ltd can offer. Come and see us in the CAB pavilion.

Stand No: CAB18

Tel: 01623 721172

www.absltd.co.uk

With over 25 years' experience in the market, **Dyer** specialises in natural and smoke ventilation, providing bespoke solutions to exciting new construction projects and refurbishments throughout the glazing industry. The company believes the comfort and safety of people in buildings is paramount, its passive ventilation innovations deliver on every front. **Dyer** will find the right solution, whether it be a full system or individual product. Its expertise in direct supply, installation and commissioning, service and planned maintenance provides an all-round service. **Dyer** has a vast range of window actuators of the highest quality in the glazing industry.



Stand No: CAB22

Tel: 0161 491 4840

www.dyerenvironmental.co.uk



Aluminium Pavilion Exhibitors

Ultraline Systems combine minimal aluminium profiles with advanced engineering stability to achieve an enviable suite of sliding, folding, roof lights and windows.



Designed not only to achieve to optimum aesthetics and performance, each of the Ultraline Systems have been designed to have minimal or common parts, that are simple and easy to put together in order to benefit the fabricator. Once the product is made, design considerations have also been made to make it simple and easy to transport and fit in order to benefit the installer.

UK Based **Greenways Contemporary Ltd** owner of the Ultraline brand, offers excellent service and technical support on all its products.

Stand CAB 34
Tel: 0121 550 3066
www.ultraline.co.uk

West Yorkshire based **HW Architectural** has, for many years, operated as a pioneering force in the specialised world of aluminium glazing, facades and curtain walling.



In addition to its success in the commercial sector, it is now extending its reach into the domestic market as it introduces a trade-only bifold door offering. BiFold Choice will launch at the FIT Show with its proprietary, folding door system, designed to allow trade users to select from single to double, inline slide, folding sliding and lift & slide options. As well as unbeatable thermal performances, BiFold Choice offers an almost endless choice of colours and finishes, plus a stylish, robust range of furniture.

Stand No: CAB02
Tel: 01484 717677
www.hwa.co.uk

The **Sherwin-Williams** Company is a global leader in the development, manufacture and sale of coatings related products.



The "Diversified Brands Europe" division of **Sherwin Williams** has been supplying Dow Corning silicones and Geocel high performing sealants, adhesives and accessories to the glazing and cladding industry in the UK for over twenty five years.

Sherwin Williams philosophy is based upon not just providing products of the highest quality, but supporting them and the supply chain with the highest quality service. With our continuous research and development programme numerous brand innovations have been developed, setting the standard for quality, longevity and performance.

Stand No: CAB12
Tel: 01752 202060
www.geocel.co.uk

Howells is a family business of 50 years, based in the heart of the Black Country, specialising in manufacturing roof glazing systems. It is looking forward to showcasing its new and innovative trade range rooflight for its first appearance at the FIT Show this year.



This new thermally broken aluminium rooflight has undergone rigorous testing in preparation for this show. The range has a 'U' value of 1.0 w/m² and comes with several options such as choice of two colours in single or dual colour finish, triple glazing, self cleaning, solar controlled or Suncool 60/40 glass.

Howells is so excited to be appearing that it is offering every visitor to its stand the chance to win a trade rooflight.

Stand No: CAB04
Tel: 01384 820060
www.howellsglazing.co.uk

RAICO Bautechnik GmbH develops



and distributes high-quality glazing systems for curtain walling, aluminium windows,

and aluminium doors. Our products THERM+, FRAME+, and WING set the standard in designing curtain wall, window, and door systems. We are a technology leader in the industry, with long-term experience in metal engineering. Our comprehensive portfolio of innovative products and services enables us to fully meet our customers' manifold needs and individual requirements.

Stand No: CAB10
Tel: 01329 848175
www.raico.eu

The Syntha Pulvin system, a brand of **Valspar Powder Coatings**, is the premier



architectural powder coatings brand in Europe, setting the industry standard in terms of innovation, quality and service.

Syntha Pulvin offers a wide range of Architectural Powder Coatings formulated to decorate and protect architectural Aluminium and Galvanised Steel exposed to extreme weather and ultraviolet conditions. Available in a multitude of color options, textures, and performance specifications, Syntha Pulvin has the optimal powder coating for nearly any building project need.

Stand No: CAB06
Tel: 0151 486 0486
www.synthatpulvin.co.uk

Continues



Aluminium Pavilion Exhibitors

Vent Engineering, a leading provider of natural and smoke ventilation systems will be exhibiting at the FIT Show 2017 for the very first time



The Poole-based company will be maximising this opportunity with the launch of three new window and door opening products.

Visitors will see a sliding door actuator; a new product to the UK market and one which will genuinely open doors for the industry. **Vent Engineering** will also be showcasing the new Ventec 100 series controller and unveiling a new actuator with a five-year warranty.

Join **Vent Engineering** to learn more about these new products; meet the team and better understand the benefits of partnering with one of the UK's largest and established importers of Topp, UCS and Mingardi actuators.

Stand No: CAB32
Tel: 01202 744958
www.Vent.co.uk

Vertik-Al is a market leader in the powder coating industry with over fifty years' experience. The first to introduce vertical powder coating of aluminium in the UK, **Vertik-Al** remains an innovator at the forefront of the market.



Our customers are major aluminium extruders and system houses who use **Vertik-Al** for prompt deliveries and, more importantly, market leading quality and customer service. We have invested significantly in advanced equipment and have one of the few vertical powder coating lines in the UK.

The Company also boasts three Horizontal Powder Coating production lines and provide Polyamide Rolling, Taping and other services.

Stand No: CAB 26
Tel: 0121-608-7171
www.vertikal.com

VINCI Technology Centre UK Ltd operates Europe's largest façade testing laboratory. Based on a 5.5-hectare site with a 3,600m² indoor facility testing includes:



- Weathertightness
- Acoustic (airborne & flanking)
- Seismic
- Thermal

We also construct full scale building mock-ups and prototypes, and our materials laboratory performs a range of tests on construction materials. We are accredited to ISO/IEC 17025:2005 by the United Kingdom Accreditation Service. We carry out testing in accordance with European and international standards. Work can also be customised to suit client specific procedures.

Stand No: CAB 08
Tel: 01525 859050
www.technology-centre.co.uk



CAB Members - Buyer's Guide 2017



Architectural Metalwork

Contour Casings

01952 290498

www.contourcasings.co.uk

dani alu UK

01865 595160

www.danialu.co.uk

Consultants

a2n Management

07766 565027

www.a2n.co.uk

Exova (UK)

01902 722122

www.exova.com

NET Project Management & Consultancy

01775 712771

www.netpmcs.co.uk

Placing Leaders

01280 817835

www.placingleaders.co.uk

VINCI Technology Centre UK

01525 859050

www.technology-centre.co.uk

Wintech Engineering

01952 586580

www.wintechtesting.com

Fabricators & Manufacturers

Alchemy Architectural Aluminium Systems

01922 634009

www.aaasl.uk

Alimatic Architectural Aluminium Systems

01376 347789

www.alimatic.co.uk

Alumet

01926 811677

www.alumet.co.uk

Aluminium Bending Specialists

01623 721172

www.absltd.co.uk

Amberley Doors & Windows

01453 889362

www.amberleydoorsandwindows.co.uk

APiC UK

0121 541 2121

www.apicuk.ltd.uk

Arkay Windows

Tel: 01923 803923

www.arkaywindows.com

AWS Turner-Fain

01905 774267

www.awsgroupplc.co.uk

Ayrshire Shopfronts

01563 542991

www.ayrshireshopfronts.co.uk

Fabricators & Manufacturers

Ayton & McKeown

01733 390422

www.ayton-mckeown.co.uk

Barnshaws Aluminium Bending

0121 521 4297

www.barnshaws.com

CDW Systems

01452 414853

www.cdwsystems.co.uk

Clearway Doors & Windows

01242 513322

www.clearwaydoorsandwindows.co.uk

Dortech Architectural Systems

01484 451177

www.dortech.co.uk

Drayton Windows

01603 789389

www.drayton-windows.co.uk

Dutemänn UK

01322 771213

www.dutemann.co.uk

Efaflex UK

01952 582641

www.efaflex.com

Emperor Shopfitters

020 8590 4466

www.emperorshopfitters.co.uk



Fabricators & Manufacturers

Everglade Windows
020 8998 8775

www.everglade.co.uk

FineLine Aluminium
01934 429922

www.finealuminium.co.uk

Granada Secondary Glazing
01909 499850

www.gsecg.com

Greenways Contemporary
0121 550 3066

www.greenwayscontemporary.co.uk

HansenFacades
0161 284 4109

www.hansenfacades.com

Howells Patent Glazing
01384 820060

www.howellsglazing.co.uk

HW Architectural
01484 717677

www.hwa.co.uk

IDF Aluminium
0844 8000 683

www.idfaluminium.com

MB Glass Supplies
01246 554080

www.mbglass.co.uk

Metalline (Services)
01543 456930

www.metalline.co.uk

NorDan Aluminium
Tel: 01698 376922

www.nordan.co.uk

Norwich Aluminium
01603 327373

www.norwichaluminium.co.uk

Openwood Facades
01268 574260

www.openwoodgroup.co.uk

Panel Systems
0114 275 2881

www.composite-panel.co.uk

Paul Evans Architectural
07593 074113

www.pe-a.co.uk

Prater
01737 772331

www.prater.co.uk

Ridgeway Glazing
01452 883817

www.ridgewayglazing.co.uk

The Standard Patent Glazing Company
01924 461213

www.patent-glazing.com

TheWindowGlass Company (Bristol)
0117 977 9292

www.windowglass.co.uk

Fabricators & Manufacturers

Total Aluminium Systems
01823 353395

www.total-aluminium.co.uk

Unique Window Systems
0116 236 4656

www.uniquewindowssystems.co.uk

Vulcan Aluminium
01482 830500

www.vulcancommercialglazing.uk

Finishing

AkzoNobel Powder Coatings
0191 401 2281

www.interpon.co.uk

Almetron
01978 660297

www.almetron.co.uk

Axalta Powder Coating Systems UK
01325 347000

www.powder.axaltacs.com

Barley Chalu
01953 602771

www.barleychalu.co.uk

Birmingham Powder Coatings
0121 459 4341

www.tomburn.co.uk

Chemetall
01908 649333

www.chemetall.com

Powdertech (Corby)
01536 400890

www.powdertechcorby.co.uk

Superior Paint & Powder Coating
024 7646 4676

www.sppcltd.co.uk

Valspar Powder Coatings
0151 486 0486

www.synthapulvin.co.uk

Vertik-Al
0121 608 7171

www.vertik-al.com

Glazing Products

AGC Glass UK
01788 535353

www.yourglass.com

Float Glass Industries
0161 946 8000

www.floatglass.co.uk

Guardian Industries UK
01405 726881

www.guardianglass.co.uk

Pilkington UK
01744 692000

www.pilkington.com

Glazing Products

Swisspacer
07795 688061

www.swisspacer.com

Village Glass
01376 503838

www.villageglass.net

Hardware

Adams Rite Europe
0845 873 4838

www.adamsrite.co.uk

Alpro Architectural Hardware
01202 676262

www.alpro.co.uk

Aluminium Door Supplies
01827 287921

www.aluminiumdoorsupplies.com

ASSA ABLOY Entrance Systems
01932 765888

www.assaabloyentrance.com

Aumüller UK
0117 9820440

www.ferralux.de

Axim Architectural Hardware
020 8685 9685

www.axim.co.uk

Caldwell Hardware (UK)
024 7643 7900

www.caldwell.co.uk

Carl F Groupco
01733 393330

www.carlfgroupco.co.uk

Centor Europe
0121 701 2500

www.centor.com

CiiLOCK Engineering
01455 633346

www.cillock.com

dormakaba
01462 477600

www.dormakaba.co.uk

Dyer Environmental Controls
0161 491 4840

www.dyerenvironmental.co.uk

GEZE UK
01543 443000

www.geze.co.uk

L J Pratley & Partners
01277 633933

www.ljpratley.co.uk

Roto Roof Windows and Hardware
01788 558600

www.rotofrank.co.uk



Hardware

R W Simon
01805 624570
www.rwsimon.co.uk

Savio
07725 403600
www.savio.it

SE Controls
01543 443060
www.secontrols.com

Securistyle
01242 221200
www.securistyle

SFS intec
0113 208 5500
www.sfsintec.biz

Siegenia
024 7662 2000
www.siegenia.com

STAC
+34 981 817036
www.stac.es

Titon Hardware
01206 713800
www.titon.co.uk

Vent Engineering
01202 744956
www.vent.co.uk

WindowMaster Control Systems
01536 510990
www.windowmaster.co.uk

Winkhaus (UK)
01536 316000
www.winkhaus.co.uk

Machinery Suppliers

Elumatec UK
01908 580800
www.elumatec.com

Emmegi (UK)
024 7667 6192
www.emmegi.com

Repair and Maintenance

Commercial Windows & Doors
020 8885 8585
www.comwin.co.uk

Roofing Components

Dales Fabrications
0115 930 1521
www.dales-eaves.co.uk

Guttercrest
01691 663300
www.guttercrest.co.uk

Shading Devices

AW Louvers & Ventilation
01684 274608
www.awlouvers.co.uk

Renson Fabrications
01622 754123
www.renson.be

Software Design & Supply

BM Aluminium
01684 856920
www.bmaluminium.co.uk

Systems Design & Supply

AluK (GB)
01633 810440
www.aluk.co.uk

Aluprof UK
0161 941 4005
www.aluprof.co.uk

Architectural & Metal Systems
+353 21 4705100
www.ams.ie

Comar Architectural Aluminium Systems
020 8685 9685
www.comar-alu.co.uk

Exlabesa
01302 762500
www.exlabesa.co.uk

HUECK UK
0121 767 1344
www.hueck.com

iKON Aluminium Systems
0121 789 9936
www.ikonaluminium.com

Jack Aluminium Systems
024 7646 7449
www.jackaluminium.co.uk

Kawneer UK
01928 502500
www.kawneer.com

Systems Design & Supply

Metal Technology
028 9448 7777
www.metalttechnology.com

RAICO UK
01329 848175
www.raico.eu

Reynaers
0121 421 1999
www.reynaers.com

Sapa Building Systems
01684 853500
www.sapabuildingsystems.co.uk

Schueco UK
01908 282111
www.schueco.co.uk

Senior Architectural Systems
01709 772600
www.seniorarchitectural.co.uk

Smart Architectural Aluminium
01934 876100
www.smartsystems.co.uk

Technal
01924 232323
www.technal.co.uk

Thermal Barrier Products

Ensinger Building Products
01443 678400
www.insulbar.com

Technoform BAUTEC
01789 761323
www.technoform.com

Watkiss Thermalbreak
01335 344450
www.watkissthermalbreak.co.uk

Weatherproofing

Adshead Ratcliffe & Co
01773 826661
www.arbo.co.uk

Reddiplex
01905 795432
www.reddiplex.com

SealEco
01698 802250
www.sealeco.com

Sherwin-Williams Diversified Brands
01752 202060
www.geocel.co.uk