

Exhibitor Showcase

Wi-Fi network: **AI WiFi**

Password: **amnestyaiuk**

Kindly sponsored by



Vastern Timber

Tom Barnes, Managing Director
UK Sawmill and Timber Merchant
Tom@Vastern.co.uk

How is your low carbon/healthy product or service helping to address the climate emergency?

We support British Woodlands by using British wood. We transform home-grown hardwood into Brimstone thermally modified timber, a durable alternative to imported hardwood products.

Our Environmental Product Declaration identified where improvements could be made. So we are developing plans for the UK's first solar-powered thermal modification production unit for British grown timber.



MIKE WYE

Andy Banister - Building Biologist

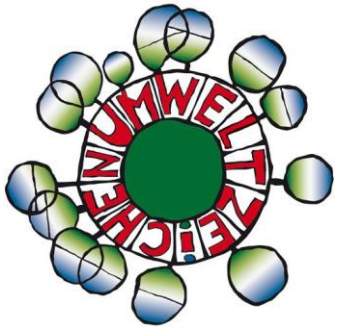
Suppliers of Natural and Sustainable Building
and Decorating Products

sales@mikewye.co.uk, 01409 281644

How is GEOCELL Foam Glass Gravel helping to
address the climate emergency?

- Diverts and recycles waste glass from landfill
- Replaces Polyisocyanates (PIR) in subfloors
- Lightweight - Reduces transport/fuel costs
- Inert - No environmental risk
- Cradle to cradle - Can be reused at end of life
- Improves thermal performance

AUSTRIAN ECO-LABEL
CERTIFIED



Neil Freshwater Public Affairs Manager

Makers of roof windows, rooflights and accessories to bring daylight and fresh air in to our homes, schools and workplaces.

neil.freshwater@velux.co.uk

+44 (0)1592 778 893

The VELUX logo consists of the word "VELUX" in a bold, white, sans-serif font, with a registered trademark symbol (®) to the right of the "X". The text is set against a solid red rectangular background.

1. Our products provide daylight and natural ventilation through the roof, creating healthier environments which reduces demand on electric lighting and central heating.
2. We have a goal is to reach 100% FSC or PEFC certification for our wood, up from 98%, with a 2020 target of 99%.
3. Our roof windows last an average of **29 years**, and we are now piloting the takeback and recycling of our end of life products.



NATURALLY MADE FROM WOOD



ecologicalbuildingsystems.com

Tabitha Binding *Academic & Regional Engagement*

TTF – we are

THE *trade association for timber*



Timber Trade Federation

growing the use of wood

Trees

- Natural, sustainable, renewable
- Good for us as - Good for our planet
- Absorb CO₂ and sequester as carbon

Timber / Timber products

- Natural, sustainable, renewable
- Good for us as - Good for our planet
- Legal sourcing, certified products

In Construction

- Healthy, high performance, high value housing
- Low energy, low carbon buildings
- Less waste, light weight, fewer deliveries
- End of life: reuse, recycle, reclaim energy

Demand more timber - Grow more forests

STEICO UK Ltd

Alex Campbell – Managing Director

Manufacturers of

Engineered Wood Products and
Wood Fibre Insulations & Sheathings

Contact details -

www.steico.co.uk

sales@steico.com



Steico Group are Europe's leading manufacturer of Engineered Wood Products and the Globally the largest manufacturer of wood fibre sheathings, sarkings and insulations.

Today is all about the Climate Emergency and how we, as an industry and a nation, can meet these challenges and provide healthy long-term solutions. In June 2019 RIBA - The Royal Institute of British Architects - joined the global declaration of an environment and climate emergency and set the challenge for their members in pledging to **reduce** operational energy, reduce embodied carbon, reduce water usage and achieve core Health & Well-Being targets.

You may have noted in the opening paragraph, that Steico are manufacturers of Engineered **Wood** and **Wood** Fibre products. That one word, 'WOOD' is how WE collectively in the construction industry can help tackle this crisis NOW – let's not wait 10 years for 2030 when off the shelf sensible solutions are available today. Capture carbon as nature intended and enjoy for free the benefit of energy efficiency gains not available to alternative raw materials.

Steico have quality products, environmental & product certifications and technical support to help many of you in the room today to meet the challenge WE CAN ALL DO OUR PART!! Thank you.

BACKTOEARTH

Helping You Build With Confidence

HEALTHY
BUILDINGS
CONFERENCE & EXPO 2020
PRODUCTS • PEOPLE • PLANET



www.backtoearth.co.uk

chris@backtoearth.co.uk

www.woodfibreinsulation.co.uk

<https://www.backtoearth.co.uk/specification-generator>



Clayworks Ltd.

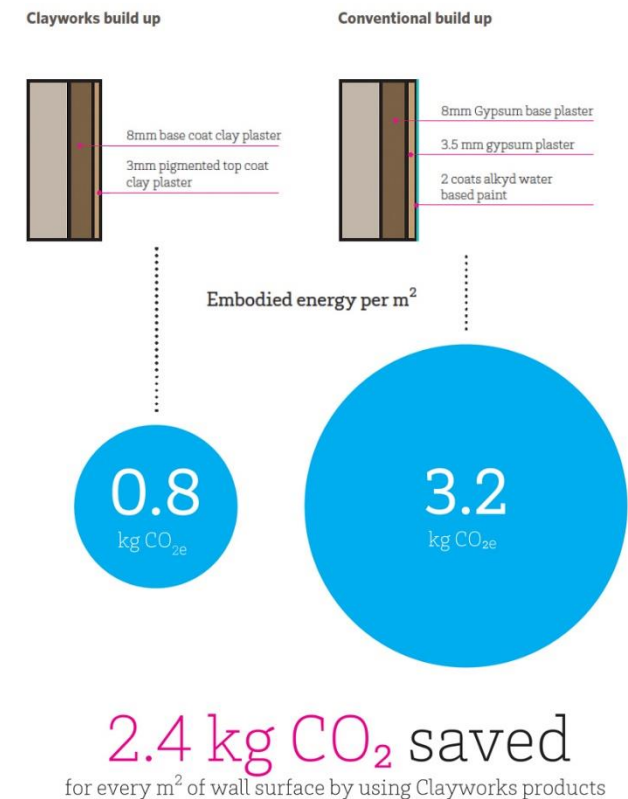
Silke Stevens: London Sales Manager

Clayworks Ltd is a UK manufacturer of 100% natural clay plasters for interior walls and other surfaces. As well as a range of classic finishes, the company develops custom finishes for architects and designers worldwide, such as Rammed Earth Finishes.

www.clay-works.com

Clayworks

How is your low carbon/healthy product or service helping to address the climate emergency?



Lime Green Products Ltd

Dominic Putnam - Head of Marketing & Business Development

UK Manufacturers of Lime Renders, Plasters & Mortars and Warmshell breathable insulation systems

www.lime-green.co.uk/warmshell

sales@lime-green.co.uk



Lime Green Products are the leading UK manufacturer of lime based building materials and mineral based primers and adhesives. In 2010 we launched the Warmshell breathable wall insulation systems designed for both external and internal retrofit and new build constructions. Since 2015 BBA accreditation for the external retrofit system for masonry or brick has endorsed this sustainable insulation solution for numerous properties around the UK.

The key components of these systems are woodfibre boards produced from sustainable forests, and non toxic lime renders or plasters which are very durable. These forests capture important quantities of carbon and the Warmshell insulation system provides significant energy efficiencies in old and new buildings alike.

Lime green's Warmshell and Ultra render systems use a unique lightweight aggregate made from the unwanted residues of the glass recycling process blended with Natural hydraulic lime (NHL). The use of NHL lime not only ensures a considerable re-absorption of CO2 but also improves the overall environmental quality in a building. Due to their lightweight, between 30 – 50% less material is used compared to other render systems, requiring less transport which in turn significantly reduces the energy usage and carbon footprint for each project.

The more frequently Warmshell insulation systems can be specified the sooner we will meet the targets of the RIBA 2030 Climate Challenge. We value your support to achieve these. Thank you !

STRAW WORKS / SCHOOL OF NATURAL BUILDING

Barbara Jones, Director (Straw Works & SNaB)
Matt Bailey, Director (Straw Works)

Straw Works is an Architectural practice committed to designing natural, low energy, healthy buildings.

www.strawworks.co.uk hello@strawworks.co.uk

The School of Natural Building offers courses and training in natural building.

www.schoolofnaturalbuilding.co.uk

barbara@schoolofnaturalbuilding.co.uk



How is your low carbon/healthy product or service helping to address the climate emergency?

Straw Works are pushing the boundaries of specification and use of natural, breathable materials, and are the only Architectural practice in the UK who design cement-free foundations as standard.

SNaB is providing training in strawbale and natural building to improve the knowledge and skill in natural construction methods for builders, and also empower self-builders who intend to build healthy, sustainable homes.

Both companies are raising awareness of the importance of natural building for health and sustainability.

Eden Renewable Innovations Ltd

Mark Lynn - Managing Director

Manufacture and supply Natural Fibre and
Recycled Fibre Insulation

mark@thermafleece.com

**therma
fleece**®
Nature's finest insulation

Sustainability is in the DNA of our company and our brands.

Addressing the problem of climate change has been one of our priorities from Day 1.

We manufacture insulation locally in the UK using local natural fibres including British wool.

We constantly strive to reduce the impacts of our products, e.g. we have nearly halved transport impacts from gate to site and have more than halved our packaging in less than 5 years.

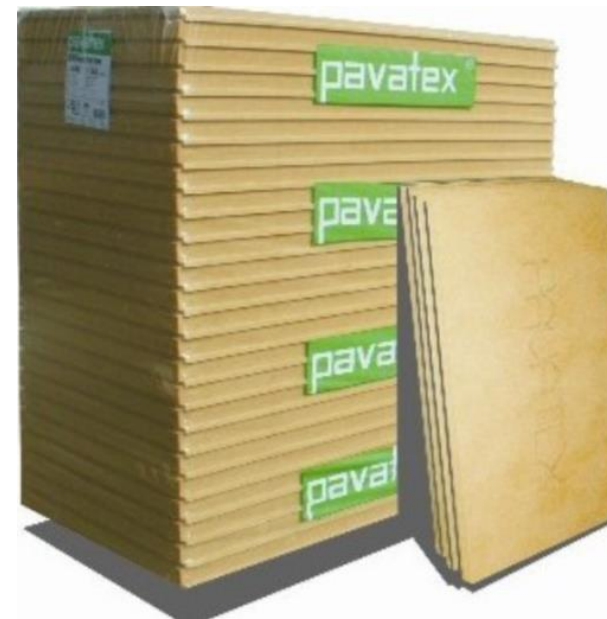
Our products by their nature lock up carbon and save many tonnes of carbon in service.

Andrew Mitchell

Experts in solutions for the building envelope



How is your low carbon/healthy product or service helping to address the climate emergency?



For every x2 Pallets you lock up a 1 ton* of CO₂

*As per RIBA 2030 challenge

Bereco Group

Nicola Harrison. Company Director. Bereco Group.

Bespoke Timber Windows & Doors.

Sustainable. Secure. Functional. Beautiful

Bereco are the **only** UK window supplier to use **only FSC 100%** certified timber in the manufacture of our windows and doors.

A typical Bereco product sequesters and offsets a total of **252kgCO²e** and has a proven life span of **60-65** years.

We use the most advanced **water based**; ultra low voc; factory coating systems and the finest architectural ironmongery in only **natural materials**.

We supply our windows and doors to both the new build and home improvement markets as well as to commercial projects such as schools, offices and student accommodation and specialise in windows required for the renovation of listed and conservation properties.

01709 838188

www.bereco.co.uk

@berecowindows



Choose Sustainable
By choosing Bereco FSC® 100% certified timber windows and doors you are helping to fight deforestation.

Reduce your Carbon Footprint
160 kgs CO₂e* is saved for each Bereco timber window and door you buy over uPVC equivalent.

Choose windows that don't cost the earth
£1 for every window and door is donated to World Land Trust to save acres of rainforest.

Save threatened wildlife
A 60 year life expectancy (more than double that of uPVC) ensures that you can enjoy your windows for years to come.

Enjoy the beauty of timber

International Association for Sustainable Building and Living - natureplus

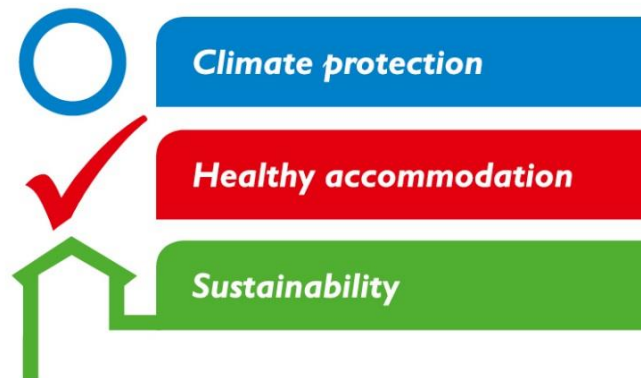
natureplus association

→ Promoting construction with sustainable building materials

- Non-profit and membership based
- European wide network, ASBP official UK-partner



- ✓ Raising public awareness
- ✓ Providing services for planners
- ✓ Developing holistic and strict criteria for building materials



natureplus eco-label

→ Supporting manufacturers of sustainable building products

Certified

- ✓ Efficient production with low CO2 emissions
- ✓ Max. 15 percent additive petrochemicals allowed



Product-Database

- ✓ free of charge
- ✓ 600 sustainable building products



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