

BEMO Project Engineering UK Ltd



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CPD Overview

BEMO – Your partner for metal building envelopes.

Experienced and forward-thinking solutions harmonize, when building envelopes are extraordinary. It is our claim to offer aesthetic, durable and functional product solutions – for sustainable and individual buildings.

Realizing individual projects with BEMO
Roof and facade systems are our passion

As an integrated process partner from technical design to implementation, we are the specialists for metal building envelopes. For every project size. For any project size. We use our decades of experience, our passion for realizing special solutions and projects and, of course the tried and tested BEMO metal roof and facade systems. BEMO creates long-lasting stability, sustainable constructions and individual buildings. The special feature of our systems for roofs and facades is the flexibility for project-specific special solutions. We love what we do: being your experienced partner in individual projects.

About BEMO

For decades, BEMO has stood for consistently high quality, individual product solutions and outstanding competence. We want to support architects, builders and planners as comprehensively as possible so that they can realize expressive and durable buildings all over the world. Our team of experts is on hand to provide sound, practical advice, comprehensive planning aids and technical know-how at every stage of the project.

When partnership meets BEMO project experience, versatility and individuality stand out

Planning. Statics. Delivery. For systems and special solutions. Everything from a single source when it comes to metal building envelopes. This is how we understand our task: our claim is to be your project partner at eye level. We support building owners, general contractors, architects and engineers in all project phases. Our own design office is one of the largest specialist offices in the industry for metal roofing and metal facades and is highly specialized in 3D design. In close collaboration with our specialized installation partners, we accompany projects until completion on site

Thinking about tomorrow, today
We are sustainable

Sustainable construction begins at the design stage: with the thermal optimization of the building envelope and the simultaneous use of recyclable materials. With the reduction to minimal interfaces. With short delivery routes. With the choice of materials with a high durability and low maintenance frequency.

These are just a few characteristics of modern, sustainable buildings. The BEMO roof and facade systems fulfill these in a special way. Both the metal roof and the metal facade, in combination with our innovative systems, guarantee a high level of stability and sustainability.

BEMO product solutions

BEMO metal roofs and facades open up limitless possibilities. Metal building envelopes are not only stable in value, durable and attractive, above all they are also extremely individual and sustainable. From the classic standing seam roof with unique curves, to custom-made facade panels and special solutions that round off the design – BEMO products combine quality and aesthetics. Discover our products and find the solution that fits your project.

We build on experience and competence

BEMO supplies high-quality and exceptional metal building envelopes worldwide. The special feature of our products is their flexibility for individual projects. To achieve this, we draw on years of experience and outstanding expertise so that we can offer you new innovative solutions worldwide that perfectly match your requirements. Our own planning office is one of the largest specialist planning offices for metal building envelopes in the industry. Our outstanding 360° service accompanies you from the very beginning, through the entire process to the completion of your building envelope.

Building envelopes as individual as your ideas

Roofs and facades from BEMO can take on any shape and form, creating expressive buildings. High-quality metals such as aluminium, steel and stainless steel, titanium zinc or copper can be freely selected for your project. Together with an almost endless choice of surface designs and colours as well as individual formats, assembly techniques and curves, there are no limits to the imagination

Building envelope systems

Roofs and facades are not only the visual showpieces of a building, they also fulfill practical purposes. And here the following applies: the building envelope is only as good as the system behind it. That is why BEMO has developed efficient construction systems that exceed requirements for energy efficiency and sustainability. Our team of experts finds an optimal solution for every building envelope – whether monolithic, with flowing arches or striking shapes.

Setting the standard for sustainable architecture

We aim to build the world's most sustainable metal building envelopes, combining aesthetics with economy and durability. Our roofs and frames already comply with the stricter energy balance guidelines that will apply in the future. Our raw materials come from Europe and reach the factory via short routes, where they are processed in a resource-saving manner. Our metal building envelopes have a life expectancy of more than 50 years and can subsequently be recycled at a consistently high quality level. Choose the most environmentally friendly building envelope and discover BSustain – our label for particularly sustainable products

Available CPD Material (4)



NLU - Freeform Standing Seam Roof Design

This CPD will discuss the flexibility of standing seam roof systems. Topics covered include the key benefits of standing seam roof systems, the difference between 'standard' standing seam and 'freeform' standing seam, the critical steps required to take a complex shape from design to reality, and the importance of 3D modelling and how these platforms can be used to the designer's advantage. By the end of the seminar you should have a greater understanding of:

- Why standing seam should be considered for almost any geometric shape, and the benefits of such a system
- The key steps required to complete the design of a complex shape
- How bespoke sub-structures ensure that complex geometry can be achieved in reality
- How your chosen manufacturer can support you through the design phases

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

How to Design a Standing Seam System



This seminar will:

- Outline the key technical considerations in designing a standing seam system
- Provide detailed analysis of the key considerations
- Open a discussion about the benefits of giving these points consideration at the early design stage
- Discuss the wide range of materials and forms available
- Make clear what you can expect from your manufacturer in terms of design assistance.

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



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Seminar

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Design, construction and technology

Knowledge level:

General Awareness



NLU_How to Design a Standing Seam System_no longer used

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Seminar

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Design, construction and technology

Knowledge level:

General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Structure

Roofs, including beams > Roof forms

Finishes

Wall finishes: external > Wall cladding panels

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*