

BTS Fabrications Limited



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CPD Overview

At BTS Facades and Fabrications, our aim is to produce high-quality façade and rainscreen products, suited to a breadth of budgets. With an extensive range of designs, coupled with industry-leading rainscreen and façade systems, we have an enviable reputation within our industry. Our in-house technical and design team, and varied materials, finishes and manufacturing options, allow you to achieve your design vision, whatever your project limitations.

We work alongside designers and architects to turn your idea into a reality. Working closely with you, we develop an understanding of your individual project.

Based in the UK, all of our products are produced at our purpose-built facilities in Newton Aycliffe, County Durham.



Available CPD Material (1)



Fire Rated System Based Solutions for Building Envelopes

The seminar discusses fire tested system solutions for metal rainscreen cladding. The presentation takes you through the full cycle from design stage, learning about automation and its role in the manufacturing process, right through system testing and finally to the delivered product and the finishes you can achieve. It goes onto cover the benefit of being able to use one fabrication supplier for the full facade package from internal dry lining out to the external metal facade, with an emphasis on external testing and discussion over supplier warranties. By the end of the CPD you should have a greater understanding of:

- The importance of precision design and manufacturing in creating fire rated system based solutions
- The benefits of a fully tested through wall system solution from internal lining to external façade
- The process involved in BS 8414 system testing
- Specific metal rainscreen available and the different solutions they can provide
- How bespoke products and fabrications can be designed and manufactured to suit individual projects needs
- Each step of the manufacturing process from early stage design through to installation
- How early stage discussions involving multiple supply chain partners can ensure the right products and systems are specified on the right projects
- How aluminium can offer a wide range of finishes and colours as a lightweight and effective alternative to traditional materials

Material type: Seminar

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

Knowledge level: General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Finishes

Finishes > Metal panels, sheets

Services

Drainage > Rainwater goods, roof drainage systems

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*