

CA Group

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CPD Overview

CA Group is one of the the largest UK manufacturers and contractors of built-Up building envelope systems.

Working closely with our supply chains, we manufacture, supply and install technically advanced metal roofing and cladding solutions primarily for the warehousing, distribution and logistics sectors, though including the retail, leisure, energy, residential and public sector.

Through our divisions, CA BUILDING PRODUCTS (manufacture), CA SPECIALIST CLADDING SOLUTIONS (SCS) & CA ROOFING SERVICES (contracting) and CA REFURBISHMENT PROJECTS, we provide a streamlined concept-to-completion-and-beyond service, designing, specifying, testing, certifying, manufacturing, building, servicing, inspecting and maintaining buildings, with a focus on sustainability, energy performance, build adaptability and asset return.

Our core range includes, Built-up Roof and Wall systems, renewable energy solutions, rainscreen, rainwater and cladding systems, insulation, louvres, accessories and detailing to provide a fully engineered building envelope solution.

Through our sister companies, United Products Ltd and United Powered Access, we provide cold-rolled steel building products and plant hire.

Established for 35years+, working with some of the UK's largest international developers, we have a wealth of experience that enables us to deliver consistently high-quality building solutions that excel.

E:development@cagroup.co.uk

Twitter [@CAGroupUK](https://twitter.com/CAGroupUK)

linkedin.com/companies/ca-group-limited



Available CPD Material (5)



Part L 2010 - Understanding the Impact on Building Envelope Solutions

This seminar will look at:

- The legal requirement
- Responsibility
- Notional building
- % improvement
- Building type
- Black stop values
- Air permeability
- Thermal bridges
- Rooflights and solar gain
- Building envelope performance
- Model designs
- LZC's
- ISBEM v 4.0 & SolarWall
- ISBEM v 4.0 & HyperionSolar PV

Material type: Seminar
RIBA Core Curriculum: **Design, construction and technology**
Knowledge level: General Awareness



Sustainable Roof and Wall Cladding: Built-Up Steel Systems

Built-up steel cladding systems provide a modern, sustainable solution for the building envelope of many buildings. This CPD introduces these systems and the results which can be achieved with them. The CPD provides a background to assessing the sustainability of building components, then shows how built-up steel cladding systems meet the various criteria of sustainability. There is an emphasis on the contribution that these building envelope solutions can make to reducing the whole-life impact of construction, including not only embodied impacts, but the in-use phase and the practicalities of dealing with construction materials at end-of-life.

Material type: Seminar
RIBA Core Curriculum: **Design, construction and technology**
Sustainable architecture
Knowledge level: General Awareness



The Specifiers' Choice of Cladding Systems

This seminar covers building regulations Parts L + F, construction design and management with reference to cladding systems, specification issues, safety, thermal performance, installation and aesthetics.

Material type: Seminar
RIBA Core Curriculum: **Design, construction and technology**
Knowledge level: General Awareness



Specifiers' Choice of Cladding Systems with Reference to the English Building Regulations

This seminar covers building regulations Parts L + F, construction design and management with reference to cladding systems, specification issues, safety, thermal performance, installation and aesthetics.

Material type:	Seminar
RIBA Core Curriculum:	Design, construction and technology Legal, regulatory and statutory compliance
Knowledge level:	General Awareness



Essential Criteria for the Design and Specification of Standing Seam Roofing

This seminar looks at the desirable attributes of a good roof and why standing seam meets those criteria. The seminar also looks at green issues, particularly concerning recyclability and energy conservation; also life cycle costings.

Material type:	Seminar
RIBA Core Curriculum:	Design, construction and technology
Knowledge level:	General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Finishes

Wall finishes: external > Sandwich cladding
Wall finishes: external > Wall cladding panels
Roof finishes > Sheet roof claddings
Roof finishes > Roof trims and accessories

Services

Drainage > Rainwater goods, roof drainage systems

General products

Sections, including tapes > Tapes
Quilts > Quilts and mats
Fixings and fastenings, ironmongery > Fixings and fastenings

Special activities, requirements

Green applications, resources; sustainability > Renewable energy systems

Engineering

Disposal systems > Rainwater drainage systems
Mechanical heating, cooling and refrigeration > Solar collectors
General engineering services > Mechanical thermal insulation

RIBA Core Curriculum areas

Design, construction and technology
Knowledge level: *General Awareness*

Sustainable architecture
Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance
Knowledge level: *General Awareness*

