

# Dales Fabrications Ltd - Aluminium Eaves Products



Crompton Road Industrial Estate, Ilkeston, DE7 4BG

[www.dales-eaves.co.uk](http://www.dales-eaves.co.uk)

Colin Dales, Tel: +44 (0)7970 281349, [cpd@dales-eaves.co.uk](mailto:cpd@dales-eaves.co.uk)

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## CPD Overview

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Dales Fabrications Ltd design and manufacture a range of aluminium solar shading systems, aluminium fascia soffits, aluminium gutters, downpipes, wall copings, brise soleil and rainscreen cladding systems. Systems are generally manufactured by integrating standard components into bespoke designs to suit each individual project. Most aluminium products from Dales can be anodised with natural, dye or Anolok range of colours available from United Anodisers Ltd or polyester powder coated finishes. Dales provide a comprehensive project managed technical design service including visits to site and the provision of product sample when requested. Dales operate the International Quality Assurance standard 9001:2008 Design and Manufacture and hold full Professional Indemnity Insurance for their designs.



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## Available CPD Material (3)

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### Solar Shading: Form and Function and Fire Safety

This seminar on the requirements for solar shading will help you to understand the following topics:

- Understand what brise soleil (solar shading) is
- Understand the various functions of brise soleil in building design including, shading, heat gain reduction, and screening and glare reduction
- Understand design considerations that should be applied during the project design stage to ensure functionality and integration into the overall building design
- Understand typical types of shading available and typical materials used

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

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### Solar Shading Systems: Compliance with Part L: Conservation of Energy and Part B: Fire Safety

This seminar looks at the way solar shading relates to the current Building Regulations. It will help you to understand the following topics:

- Understand how solar shading relates to the current Building Regulations, especially Building Regulations Part L2A, Conservation of Energy and Power
- Understand solar heat gain calculations
- Understand how solar shading can affect solar heat gain to reduce building energy costs
- Understand how solar shading can be used to comply with Building Regulations

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

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### Aluminium Eaves Design: Building Regulations and Other Considerations

This CPD covers the design and specification of aluminium eaves. It will help you to understand the following topics:

- Understand how Building Regulations impact on eaves design
- Understand and identify the BS EN standards that relate to and affect eaves and gutter design
- Understand how aluminium offers flexibility when designing eaves solutions
- Understand aluminium's sustainability characteristics and closed-loop recycling
- Understand the different life costs of different materials

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

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## Classifications

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### Subject/Product Areas (CI/SfB)

#### Structure

External walls > Copings, cappings

Windows > Window awnings, shutters, louvres

#### Finishes

Roof finishes > Roof trims and accessories

#### Services

Drainage > Rainwater goods, roof drainage systems

#### Engineering

Disposal systems > Rainwater drainage systems

### RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*