

Comar Architectural Aluminium Systems



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CPD Overview

Comar Architectural Aluminium Systems are one of the largest British, privately owned aluminium systems company in Europe. Comar designs, extrudes and distributes over 700 integrated profiles to a nationwide approved fabricator network for use in aluminium curtain walling, window, door and ground floor treatment applications.

Comar has built a reputation on delivery: over £6m of mill, white polyester powder coating, silver, bronze and anodised profiles are kept in stock. This means that 99% of orders are fulfilled by our customers weekly delivery. Comar can powder coat the aluminium system to your RAL, BS or Syntha Pulvin colour to complement the façade.

Comar's integrated systems ensure a cost effective, aesthetic façade with security and safety as standard. The flexibility of Comar Aluminium Systems ensure integration with cladding systems and provide curtain wall with opening vents and windows in a variety of configurations.

A nationwide team of Project Managers provide project-by-project advice on design, building regulations, U-value and wind loading calculations, budget pricing and approved fabricators.



Available CPD Material (2)



Function and Reliability of Entrance Design

This seminar aims to offer an understanding of how user expectation influences door design, links this with hardware selection, entrance configuration and floor finishes to improve client satisfaction:

- The usage and user expectation differences between residential, light commercial and main entrance doors
- How this influences door design and weather performance
- Formal definitions of light medium and heavy duty door applications
- Commercial door construction, and the design considerations created by low thresholds
- Issues concerning ease of door opening, versus closer action, and weatherproofing the entrance
- An overview of entrance framing systems, its influence on aesthetics
- Safety legislation, Building Regulations and British Standards

Material type: Seminar

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

Knowledge level: General Awareness



Stand and Deliver: A Study of Curtain Walling

This CPD looks broadly at the design of curtain walling, its properties and how it is used by specifiers. This seminar aims to offer an understanding of the points of H11 in the NBS specification system, and how best to make use of it.

- The functions and requirements of curtain walling and how this influences design
- The forces acting upon curtain walling and how they are accommodated
- Constructing curtain walling systems
- Building movements relative to curtain walling
- Drainage of curtain walling
- Procurement and lead times
- Safety legislation, Building Regulations and British Standards

Material type: Seminar

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

Knowledge level: General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Structure

External & entrance doors/screens > Shopfronts and entrance doors or screens

External walls > Curtain walling

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*