

RIBA Accredited CPD Seminars:

1. Sustainable refurbishment solutions for non-domestic buildings.
2. Sustainability and the building envelope
3. Pre-finished steel for roof and wall cladding
4. Importance of air-tightness in non-domestic buildings
5. Corus factory tour* - Pre-finished steel and the manufacturing process



The Aldershot Centre for Health uses Colorcoat Prisma® pre-finished steel in Metallic Silver for the wall cladding.

Corus has over 40 years' experience in the manufacture of pre-finished steel through the Colorcoat® brand. Concern for the environment in which we work is one of our key business principles. Our objectives are to adopt sustainable practices and to continuously improve our performance. Colorcoat® provides the recognised mark of quality and metal envelope expertise from Corus. Our expertise and knowledge extends to CPD Seminars run by a dedicated specification team.

Sustainable refurbishment solutions for non-domestic buildings

This presentation covers all aspects of the refurbishment of non-domestic buildings, giving an understanding of the reasons why and how refurbishment is normally undertaken and why it can be a preferred, more sustainable option to new build in some circumstances.

CPD includes:

- Main reasons and drivers for refurbishment.
- Main types of refurbishment solutions available.
- Technical processes involved in delivering refurbishment solutions.
- Main hazards and risks that can be encountered during refurbishment, and how these risks can be managed and overcome.
- The sustainable nature of refurbishment.
- Refurbishment case studies and how they benefit the client.

Sustainability and the building envelope

This CPD offers an invaluable insight into the sustainable nature of steel itself, and how this can be related to the metal building envelope. It guides the specifier through the complete manufacturing process and details all the phases of the Life Cycle Analysis of steel from "Cradle to Cradle".

CPD includes:

- Corus Colors overview.
- Drivers for sustainability.
- The impact of the steel manufacturing process.
- Life Cycle Analysis.
- Environmental Product Declarations (EPD's).
- Progress in sustainable steel manufacture.
- Carbon offsetting.
- Confidex Sustain® - The world's first cradle to cradle CarbonNeutral building envelope.

Pre-finished steel for roof and wall cladding

This seminar highlights the role of pre-finished steel in architecture, and explains the importance of specifying both the pre-finished steel as well as the cladding system to generate the optimum final specification.

CPD includes:

- Definition of a pre-finished steel product.
- Manufacturing process.
- Key issues to consider when specifying pre-finished steel.
- Maintenance requirements/impact on building life cycle costs.
- Performance statements and guarantees.
- Colour - solid and metallic effects.
- Sustainability and environmental impact.



To register for your CPD seminar visit: www.colorcoat-online.com/cpdseminars

“A very helpful and informative CPD which gives new information” - Chris Rodgers Ltd.

“Knowledgeable presenters” - Wilson & Wilson

“A good presentation, very informative” - Morgan Professional Services

“A good seminar focusing on a complex subject” - HDG Ltd.

Chatterley Valley, Stoke-on-Trent uses Colorcoat HPS200® Ultra pre-finished steel as part of the roof cladding system and Colorcoat Prisma® as part of the wall cladding system.

Importance of air-tightness in non-domestic buildings

This seminar demonstrates where the air-leakage paths in a steel building envelope are, and shows that when correctly specified and installed, both built-up and composite systems can help meet the requirements of ADL2A (2006). And, although U-values remain the same, significant improvements in air-tightness of buildings will have to be made if the required 23.5% to 28% reduction in CO₂ is to be met.

CPD includes:

- The relationship between the 2006 and the 2002 regulations and minimum expected levels of performance.
- The impact of air-tightness and its importance when demonstrating compliance.
- Guidance on the use of pre-finished steel in the building envelope, and how the systems available perform.

Corus factory tour* - Pre-finished steel and the manufacturing process

This CPD takes the visitor on a tour of Europe's largest pre-finished steel manufacturing facility, at Corus Colors*, Shotton Works, Deeside. The guided tour encompasses all aspects of the production process, starting at the Railhead, then onto the Galvanising Lines and finishing at the Colorcoat® Lines.

The finished Colorcoat® product, pre-finished steel coils of up to 20 T in weight, are used by the leading UK profilers to produce high quality roof and wall cladding systems, both 'composite' and 'built-up'.

The tour is completed by a technical presentation, which provides additional detail about the manufacture, testing, specification and utilisation of the products. The total duration of the visit is half a day.

Seminar duration

1 hour each.
The Corus factory tour is 170 minutes.

Also available

Literature and material samples.

Areas covered

UK, Northern Ireland, Republic of Ireland.

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* Corus Colors is a key business unit within the Corus group.