

Duco Ventilation & Sun Control NV



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CPD Overview

At Duco Ventilation & Sun Control, we give special consideration to health-related issues when developing new natural ventilation and solar shading brise soleil systems. The wide variety of air terminals and architectural external solar shading systems available guarantee a healthy and comfortable indoor environment.

Since the company was founded in 1991, Duco has become a major player in the European market in the field of natural ventilation and solar shading systems, providing a healthy solution. Whatever the situation, we can offer the best possible in-house solution: Window ventilation or façade ventilation, acoustic or with solar shading. In addition to the added value to building façades in terms of aesthetics, architectural solar shading systems will reduce the cooling load. This results in a natural elimination of the need for high-energy consuming air conditioning systems.

The well balanced combination of basic ventilation, external solar shading and night cooling offers optimum air quality internally. Whether it be for residential buildings, offices, schools or care institutions, Duco offers an innovative and all inclusive solution where health is a prime concern. Duco , Home of Oxygen.



Available CPD Material (2)



Key Issues for Effective Ventilation

This seminar covers the principle points for the specification of general and high volume ventilation: It will help you to understand the following topics:

- General principles for background and high volume ventilation
- How to let air in including aerodynamic qualities and performance of louvres
- How to keep things out including weather, vermin, insects and intruders
- The relevant regulations and tests that apply
- Installation for smaller louvres and louvre walls and integration of ventilation with solar control

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



Acoustic Natural Ventilation for Schools

This seminar explores the importance of acoustics in domestic and non-domestic buildings. We will look at different types of solutions available and their uses and look at the design capabilities that these systems can provide you.

We will also cover regulatory framework for the acoustic design of schools in compliance with the Building Regulations and supporting advice and recommendations for planning and design of acoustic ventilation in schools.

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

Classifications

Subject/Product Areas (CI/SfB)

Structure

Windows: parts, accessories > Window ventilators, condensation control & glazing channels

Services

Air conditioning, ventilation > Ventilation systems and ventilators

Engineering

Ventilation and air conditioning > Ventilation systems

Ventilation and air conditioning > Air terminal devices

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Places, planning and communities

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*