

Renson Fabrications Ltd



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CPD Overview

Renson originates, manufactures, and distributes products for low energy control of the building environment. We specialise in ventilation, integrated ventilation solutions and solar shading which helps to reduce the cooling demand of any building and improve the comfort levels for all occupants. People appreciate our extensive range of natural ventilation and solar shading products. They include a range of self regulating, acoustic and/or motorized trickle vents, class A louvre blades (weatherability) and moveable solar shading options. Selection is aided by comprehensive technical data and support.



Available CPD Material (6)



Multiple formats

Outdoor Concepts: Creating the New Normal

This CPD discusses the impact the 2020 COVID-19 pandemic had on all of society and how it kick-started a new interconnection with the natural world. It emphasises how connecting this to our designs and plans can have a fundamental benefit to the occupants' psychological and physical health, and the evolution of man and nature along with the trends that have arisen because of the pandemic. By the end of the presentation you should have a greater understanding of:

- The flaws COVID19 highlighted in design and build
- Improving health and wellbeing through design
- How to connect the inside with the outside
- The benefits for occupants' health and wellbeing through the connection of nature
- Outdoor living as a concept
- How outdoor living can provide pre-2010 houses and spaces with better ventilated spaces
- The versatility in application of outdoor living

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness



Multiple formats

Invisible Concepts to Create Minimalistic Interior Design

This seminar will provide:

- A better understanding of why the interior door trend is changing
- What solutions are available for design-orientated interior doors
- To understand the concept of invisible door frames
- How should these frameless doors be installed and finished
- The growing importance of minimalistic interior door design in the future

This CPD can be delivered to you live and remotely

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness



Multiple formats

High-Level Comfort - A CPD in 3D

This CPD aims to discuss ventilation and solar control in high rise buildings. Topics covered include the psychological and physiological benefits of ventilation and solar control, how to optimise ventilation for well-being, How to create an optimal balance between air quality, thermal comfort, visual comfort and acoustic comfort by combining natural ventilation, external sun protection and nightcooling and how to overcome the challenges of high-rise living building design. By the end of the CPD you should have a greater understanding of:

- Aesthetic canopy and façade systems
- Why solar control and ventilation is important in high-rise living
- How buildings optimised for well-being can have a positive impact on occupants
- Ventilation and solar control system types and ventilation strategies

This CPD can be delivered to you live and remotely

Material type: Online Learning, Seminar
RIBA Core Curriculum: **Design, construction and technology**
Health, safety and wellbeing
Knowledge level: General Awareness



Healthy Building Concept

This seminar offers an insight into different ways of venting/cooling buildings in an eco-friendly way. Design out running and maintenance costs by using natural ventilation techniques.

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



Healthy Residential Comfort

Healthy residential Comfort based on 4 sections

- Healthy Indoor Air Quality using demand control and intense ventilation
- Controlled indoor climates based on external solar shading to avoid glare and overheating
- Controlled Outdoor climate using controllable Outdoor solutions for both summer and winter
- Architectural Unity to support good design for the previous 3 items.

The purpose of the presentation is to educate designers so improved standards can be achieved for residents

This CPD can be delivered to you live and remotely

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



Integrated Ventilation Solutions

This CPD aims to discuss the importance of effective ventilation in a post-covid environment and the health risks associated with poor indoor air quality. It explores MEV, MVHR and Purge ventilation strategies, including ways to strategically maximise performance of louvres and vents through integrated ventilation solutions. By the end of the CPD you should have a greater understanding of:

- Understand Free Area and K-Factors; how to use them effectively and common misconceptions when specifying louvres
- Understand how to maximise MEV, MVHR and Purge ventilation strategies for performance
- Be able to identify and specify louvres strategically to improve their functionality as part of integrated ventilation solutions

Material type:

Seminar

Classifications

Subject/Product Areas (CI/SfB)

Structure

Doors: general > Sliding and folding doors

Doors: parts, accessories > Door hinges

Windows > Window awnings, shutters, louvres

Windows: parts, accessories > Window ironmongery

Windows: parts, accessories > Window security

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

Doors: general > Side-hung doors - metal

Finishes

Roof finishes > Roof vents

Services

Air conditioning, ventilation > Ventilation systems and ventilators

Air conditioning, ventilation > Silencers and acoustic treatment

Fittings

Blinds and curtain tracks > Blinds

Engineering

Ventilation and air conditioning > Ventilation systems

Ventilation and air conditioning > Silencers and acoustic treatment

Ventilation and air conditioning > Air terminal devices

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*