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CPD Overview

Partel is one of the leading manufacturers and suppliers of high-performance building envelope technology, thermal bridging solutions, and ventilation systems for use on residential and commercial buildings. With a passion for passive-house construction and architecture, Partel's goal is to provide quality technical solutions and materials to create more comfortable, healthy and energy efficient buildings.

Combining knowledge in architecture and engineering with technical expertise and a unique building physics approach, Partel will provide project specific solutions.

Building Envelope Systems

Cutting the embodied carbon of buildings by integrating sustainable materials is essential. Partel provide market leading airtight and windtight systems, and thermal bridging solutions, that lead to intelligent energy consumption, building longevity and operational performance. These include monolithic breather membranes, smart vapour control layers, solvent-free adhesive tapes, sealants, and recycled structural insulation panels.

Ventilation Systems

Decentralised and centralised ventilation systems provided by Partel generate improved indoor air quality and controlled ventilation to all living spaces exceeding requirements and saving energy. Our MVHR systems are technologically equipped to supply fresh, clean air to both residential and commercial buildings.

Expert Technical Support

Partel can provide technical consultation to ensure project specific requirements are achieved. From WUFI condensation risk analysis, U-value optimisation, and MVHR design service, to onsite inspection, and technical documentation, Partel continue to offer the most effective solutions in delivering superior airtightness, thermal comfort and IAQ of buildings.

Specialised CPD and Training

Partel is committed to continuous professional development and offer specialised CPD Webinars which focus on five key topics - air & wind tightness, moisture management, ventilation, and thermal bridging.



Available CPD Material (1)



Multiple formats

Best Practice for Air and Windtight Structures

This CPD focuses on the importance of air and wind tightness in low energy building design. It discusses the importance of external and internal membranes, their sealing and highlights best practice on how to specify and install. It also focuses on the risks associated with airtight buildings and how best to overcome these. By the end of the seminar you should have a greater understanding of:

- Correct product choice for specific scenarios
- Correct detailing and specification for optimum results
- How to determine where an airtight layer should be
- How to specify correct products for varying scenarios
- Airtight principles and risks associated

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

Classifications

Subject/Product Areas (CI/SfB)

Structure

Windows: parts, accessories > Window ventilators, condensation control & glazing channels
Lintels, sills, weatherbars, other window/door parts > Acoustic seals

Services

Air conditioning, ventilation > Ventilation systems and ventilators
Air conditioning, ventilation > Air treatment systems

Engineering

Ventilation and air conditioning > Air treatment systems
Ventilation and air conditioning > Silencers and acoustic treatment

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*