



Available CPD Material (3)



Going Through the Roof: Key Considerations for Specifiers Around the Issue of Roof Penetrations

This CPD provides attendees with a specific insight into the issues surrounding roof level service penetrations. Attendees will be guided through the key considerations relating to maintaining the integrity of the all-important weathering layer where ducts, pipes and cables exit the riser on to the roof. The session will identify the methods and protocols that are essential for the effective and durable execution of this often-challenging detail. It will help you to understand the following topics:

- The evolution of the flat roof and how roof constructions have changed
- The utilisation of the roof area and how we use roofs today
- The key considerations when designing roof penetrations
- The pitfalls of a reactive approach
- The benefits of a proactive, collaborative approach
- The science of effective weathering
- The benefits of a proprietary system

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



The Importance of Ventilation in Lead Roofing

This CPD is designed to educate and enlighten architects and specifiers as to why ventilation in lead covered roofs is so important, what can happen if this is not considered and what is depicted as the standard in BS5250 Control of Condensation in Buildings. It will help you to understand the following topics:

- The history of lead roofing
- Why we need to ventilate lead covered roofs
- Interstitial condensation and its causes
- Other sources of moisture in roof voids
- The relevant regulations
- Types of roof construction and how much ventilation is required
- Products that can help you meet the regulations and ventilate correctly

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

Roof Void Ventilation and the Control of Condensation



This CPD is designed to educate and enlighten architects and specifiers about issues relating to interstitial condensation, typical scenarios and conditions which contribute to the likelihood of interstitial condensation forming and the possible effects that it can have on the structure. It will also point up the relevant parts of British Standard BS5250 that relate to ventilation of roof structures and will show how proprietary products can help to meet these requirements. It will help you to understand the following topics:

- Interstitial condensation and its causes
- The importance of the Vapour Control Layer (VCL)
- The principles of roof void ventilation as set out in British Standard BS5250
- How much ventilation is required
- Ways in which products can help achieve the requirements and ventilate correctly

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

Classifications

Subject/Product Areas (CI/SfB)

Structure

- External walls > Chemical and other damp-proofing
- Roofs, including beams > Roof forms
- Roofs, including beams > Roof beams and trusses - steel
- Roofs, including beams > Roof beams - precast concrete
- Roofs, including beams > Roof decking - metal

Finishes

- Roof finishes > Roofing membranes
- Roof finishes > Asphalt roofing systems
- Roof finishes > Sheet roof claddings
- Roof finishes > Roof finish underlays and insulation
- Roof finishes > Roof vents
- Roof finishes > Roof joint sealants, strips and repair media
- Roof finishes > Roofing contractors

General products

- Flexible proofing/separating sheet membranes > Foils, building papers, sheet dp membranes
- Flexible proofing/separating sheet membranes > Separating membranes, geotextiles

RIBA Core Curriculum areas

- Design, construction and technology**
- Knowledge level: *General Awareness*