

Construction Division – CPD seminar overview

COMPLETE DAMP PROOF SOLUTIONS FOR NEW BUILDINGS (REF. 5)

This CPD sets out the requirements of the Building Regulations, the difference between a DPC and a cavity tray and common problems associated with DPCs. Design considerations and detailing as well as weathering solutions are covered. NHBC guidance and design requirements are also included.

PASSIVE STACK AND INTELLIGENT PASSIVE STACK NATURAL VENTILATION (REF. 7)

This seminar sets out the need for ventilation in buildings and solutions to comply with Building Regulations around preventing condensation and the removal of stale air. Consideration is also given to the relative differences between national regulations and how this can promote one solution over another together with using an alternative acceptable approach through certification such as BBA.

The presentation considers the differences between Passive Stack Ventilation (PSV) and intelligent Passive Stack Ventilation (*i*PSV) systems and emphasizes the differences in the energy efficiency of the systems. Research by De Montfort University is included, providing greater insight into the energy efficiency and performance of *i*PSV systems. Practical considerations are also covered, identifying the essential components of systems, system design and product ancillaries.

AIRTIGHTNESS, REFLECTIVE TECHNOLOGY & VENTILATION (REF. 12)

In an age of more energy efficient buildings, this CPD seminar covers the use of reflective membrane technology within non-ventilated voids to create a low emissivity airspace that reflects radiant heat back into the property and minimises absorption and emittance of energy. The seminar also demonstrates the importance of creating an airtight building fabric along with the key consideration of correct ventilation provision, with the objective to 'Build Tight, Ventilate Right' that feeds an overall airtight strategy through the whole chain of construction.

The presentation explains how thermal benefits can be achieved to meet current Regulatory U-values and how overall build cost savings can be achieved in terms of reducing insulation usage without reducing thermal performance or increasing the structure's footprint. This is backed up by worked examples using a combination of a breather membrane and vapour control layer with reflective technology to generate low U-value results. It also includes the area of airtightness, how products are tested along with the Regulations and Standards that need to be adhered to. The seminar considers how airtightness can help optimise thermal performance, working with low emissivity technology to help reduce carbon emissions from a dwelling.

To register your interest please visit www.glidevaleprotect.com/cpd-seminars. Alternatively, contact our CPD coordinator Jayne Warburton directly at cpd@glidevaleprotect.com or on 0161 905 5700.

