
TIMSA – U- VALUES CALCULATION - CPD PRESENTATION

This CPD (Continuous Professional Development) presentation aims to provide clear information to architects and Technicians, Building Control Officers, Domestic Energy Assessors and all others who share a professional interest in the accurate calculations or more properly assessments of the U-values of elements of construction when designing the thermal performance of a building.

The members of the Thermal Insulation Manufacturers and Suppliers Association (TIMSA) naturally takes the matter of accurate assessment of U-values very seriously, but are aware that the subject is complex and it can be difficult for non-specialists in insulation and U-value calculations to recognise what is a valid assessment and what is not.

The presentation outlines the critical importance of making real improvements to the thermal performance of both new and existing buildings as we seek to reduce the Carbon Emissions from dwellings as part of the overall UK target for reduction of emissions of greenhouse gasses. The CPD also examines the factors which influence the accuracy of the assessment of U values including incorrect assessment of factors that contribute towards the U-value assessment, incorrect assumptions about installation restrictions and conditions, incorrect or unsubstantiated product data and inappropriate calculation methods

The BBA operates a Scheme, which was devised in association with TIMSA, to assess and monitor U-value and condensation risk calculation competency. The scheme was designed in response to a widely held belief that many U-value calculations submitted were inaccurate and seeks to promote and assist accurate, objective and consistent calculation of U-values and condensation risk within buildings. This assumption has been supported by recent findings that SAP assessors are frequently given incorrect, incomplete or contradictory design information consequently there is a strong likelihood that the carbon emissions calculated under SAP may not be correct – and the affected designs may not be compliant with Building Regulations. Registration under the Scheme provides reassurance to any specifier or user that the services or data being provided are supplied by an individual or company that has been subject to a rigorous independent assessment process. The scheme is also open to individuals and companies who are not members of TIMSA.

To view the CPD and learn more about the importance of U-Value Calculations go to http://www.academy-elearning.co.uk/providers_details.asp?id=30