



Energy

Walls

Insulation

The Consultant's Consultant



CONDENSATION



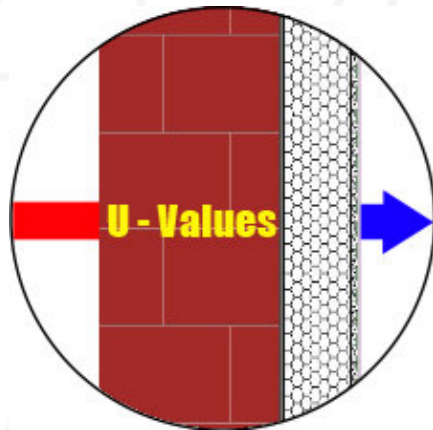
The risk of condensation and moisture development in new and existing properties is becoming ever more important as we improve on the fabric of buildings and reducing air leakage. With the requirement moving forward for more condensation risk analysis to be carried out prior to installation of the fabric energy measure, the need for professional advice is more important than ever.

At EWI Consultants Ltd, we can provide the condensation risk calculations for measures to be installed as well as in situ calculations to determine whether the existing build-up is correct for the systems, and / or the products installed.

With over 25 years' experience of external wall insulation and render systems, EWI Consultants Ltd are well established for undertaking the research required for the correct specification and compatibility of systems.

The insulation market is constantly evolving with new technologies and developments and with many changes proposed in legislation during the next decade, we can be your outsourced expert.

HEAT LOSS



The requirement for professionally calculated analysis of thermal performance and heat loss of the building fabric is essential for both new build and retrofit projects. Whilst predominately used in the design stage of a project, U - Value calculations can also be used on historic projects under investigation, to help identify compliance and support in situ performance.

EWI Consultants Ltd use JPA Designer software, approved by the BRE (Building Research Establishment).

The identification of which external wall insulation or render system has been installed on a building can be difficult, especially without the appropriate specification and paperwork. At EWI Consultants Ltd, we use our experience and knowledge to research and to try to provide solutions to problems encountered. Whilst identification of a system cannot always be guaranteed, we will undertake full research on your behalf, and if required, review photographic evidence and support on site intrusive investigations.

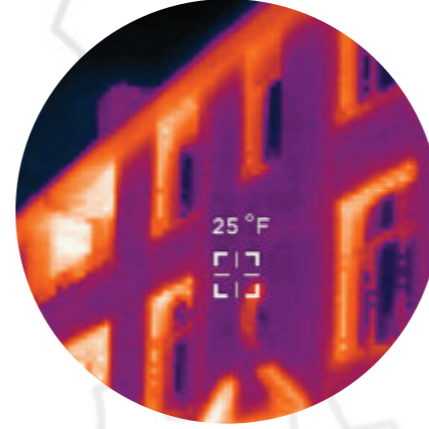
IDENTIFICATION



RESEARCH



THERMAL IMAGING & DAMP



Thermal imaging is becoming a more important aspect of building surveys to determine underlying issues that cannot be seen by a visual inspection. The use of thermal imaging techniques can help identify installation errors and areas of heat loss in the fabric, in addition to the use of incorrect materials and potential areas of damp.

We use both thermal imaging cameras as well as damp meters to check on the integrity of the facade and also to track fabric issues back to the point of origin.

Just using EWI Consultants Ltd as a point of advice for your organisation can increase your expert knowledge without increasing the size of your organisation. We are here to assist with any query relating to external wall insulation and renders, from design and specification through to site support and, if required, remedial action plans and cost evaluations.

£250.00 per year telephone retainer, will ensure that you have access to us throughout the year via phone.

TRAINING



If your organisation requires independent training in external wall insulation and renders, then let us know as we can provide training to suit your requirements, without any manufacturing bias.

Our experience ensures that we can cover all systems available now and historically, in addition to legislation, regulations, and common failure issues.

INCREASE YOUR COMPANY'S KNOWLEDGE WITHOUT INCREASING YOUR COMPANY

SITE SUPPORT



EWI Consultants Ltd have over 25 years' experience of site surveillance and investigation regarding external wall insulation and render systems. We can either support your own site visits or undertake our own inspections.

We can also offer remote support for your site visits, where we will be available via phone, email or face-time to give advice and provide directional questions. We can also review photographic evidence to help support any reporting that is to be issued.

GENERAL ADVICE





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