

Analysis of results from ATTMA lodgement –what are the realistic air permeability characteristics of UK housing

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ABSTRACT

ATTMA, the Air Tightness Testing & Measurement Association has introduced mandatory lodgement for all members, representing over 140 companies and over 350 test engineers across the UK. This presentation will give an oversight as to how we have made lodgement mandatory, the software we are using and finally some statistical analyses showing where the UK is at the moment with average Air Permeability (AP₅₀) results.

1 INTRODUCTION

ATTMA were recently (1st January 2015) appointed to operate as a Competent Persons Scheme in the UK air testing industry following the British Institute of Non-Destructive Testing's request to no longer run the Competent Persons Scheme. From this, we have been able to introduce mandatory lodgement of testing for a multitude of reasons.

2 LODGEMENT

Lodgement has been widely accepted by the majority of the industry who see lodgement as a way of protecting their own business. Below are the steps we have taken in order to introduce lodgement

2.1 Proprietary Software

We have worked alongside the main fan manufacturers used in the UK to support the development of their test software to be able to lodge tests from within the software. The tester's credentials are stored within the software and automatically used to lodge the test once the user requests. A demonstration of this process will be shown during the presentation.

2.2 ATTMA Software

We have developed our own software which can also be used. By developing our own test software we are able to control the fields and are able to make updates and changes as required. A short demonstration will be shown.

2.3 Lodgement Database

We outsourced the development of a lodgement database which acts as a portal for all testing members. A short demonstration of this will be shown during the presentation.

3 STATISTICAL ANALYSIS

One of the main reasons for creating and using lodgement is to provide independent statistical analysis of live air testing data that is not only from a single company. The presentation will break down the latest data and show industry trends.

4 CONCLUSIONS

Conclusions will be discussed as part of the presentation.