

WINDFIELD HOUSE - Materials Analysis

Challenge

Following extensive re-plastering of the inside of this listed building, large areas of plasterwork had fallen away from the underlying lathe-work. The client requested the plaster to be analysed to establish whether it complied with the specified mix requirements.

Solution

Laboratory examination showed that the plaster ingredients and proportions complied with normal good practice. Failure of the plasterwork was considered more likely to be associated with the lathe-work design and pre-treatment, or as a result of non-conformance with specified plaster application procedures.

Results

Area re-plastered and re-instated.

