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Revalidation of WF Test Report No. 185754

1. Introduction

WF Test Report No. 185754 relates to a fire resistance test carried out generally in accordance with BS 476: Part 22: 1987, to determine the fire resistance performance of a specimen of a loft access hatch.

The specimen had overall nominal dimensions of 1250 mm high by 650 mm wide and comprised a Zintec steel access door leaf of overall dimensions of 1200 mm high by 596 mm wide by 22 mm thick. The specimen incorporated a layer of foil faced mineral wool insulation fitted to the unexposed face. The leaf included two locks which were engaged for the duration of the test.

The specimen was orientated such that the door leaf opened towards the furnace.

The test has demonstrated the ability of the specimen to satisfy the integrity performance criteria for a period of 60 minutes, after which time the test was discontinued, and the insulation criteria for a period of 11 minutes.

2. Confirmation of Specimen

It has been confirmed by The Alumasc Group PLC (t/a Timloc Building Product Ltd.) that there have been no changes to the specification of the construction tested and documented within WF Test Report No. 185754.

3. Findings from the Test Report

The test was originally conducted generally in accordance with Clause 7 of BS 476: Part 22: 1987. The test report does not state a reason for the test being described as "generally in accordance" with the standard and the requirements of the standard appear to have been fully satisfied.

The test was performed on a furnace having an opening size of 1500 mm high by 1500 mm wide. Clause 6.1.2 of BS 476: Part 20: 1987 states, "*The furnace shall be able to accommodate the full sized element of construction or the minimum size of test construction specified in 4.5 where the element is of a larger size. Reduced size furnaces can be used for testing small, but full sized elements. Where a reduced size furnace is used (i.e. a furnace with an opening not greater than 1.5 m × 1.5 m), the furnace aperture shall be greater in area than the exposed face of the specimen by a ratio of at least 1.5 : 1. The additional area between the element and the furnace aperture shall be filled by means of an associated construction or a furnace closure as appropriate.*"

The ratio of the furnace to specimen size was 2.77 : 1 and therefore complied with the requirements of the test standard.

The test was originally conducted against the standard BS 476: Part 22: 1987 which remains the current version. This review covers the results obtained from the specimens of the elements of construction under the conditions covered by the original testing only.

4. Conclusion

At present there are no additional resolutions adopted by the Fire Test Study Group since the original test was performed which would affect the manner in which the test would be conducted or the interpretation of the test results.

Since fire tests are the subject of a continuing Standardisation process, and because existing standards are the subject of review and possible amendment and new interpretations, it is recommended that the report be referred back to the test laboratory after a period of five years to ensure that the methodology adopted and the results obtained remain valid in the light of the situation prevailing at that time.

Given the findings noted in Section 3, the procedures adopted for the original test have been re-examined and are deemed suitably similar to those currently in use.

Therefore, with respect to the fire resistance test review report referenced WF Test Report No. 185754 its contents should remain valid until 1st December 2026.

5. Limitations

The test report has been reviewed in-so-far as possible, based upon the information contained within the document as well as available information held on file. It is necessarily dependant, therefore, on the accuracy and completeness of the information in our possession.

Performed by:

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* For and on behalf of Warringtonfire