

The Building Test Centre

Fire Acoustics Structures

The Building Test Centre
British Gypsum
East Leake
Loughborough
Leics. LE12 6NP
Tel: (0115) 945 1564
Email: btc.testing@saint-gobain.com

Review Number **BTC 21679FA**

A FIRE REPORT REVIEW ON A METAL STUD PARTITION LINED WITH A DOUBLE LAYER OF 12.5MM GYPROC FIRELINE, CONDUCTED IN ACCORDANCE WITH F.T.S.G RESOLUTION No.82/PFPF GUIDE.

Review Date: 18th February 2021

www.btconline.co.uk

Applicant: **Hadley Group**
Downing Street
Smethwick
West Midlands
B66 2PA

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DETAILS OF REQUEST

The specification and interpretation of fire test methods is the subject of ongoing development and refinement. Changes in associated legislation may also occur. For these reasons it is recommended that the relevance of test reports over 5 years old should be considered by the user. The PFPF publication 'Guide to Undertaking Assessments in Lieu of Fire Tests' requires that primary test evidence that is greater than five years old be reviewed prior to use.

It is required to review the report BTC 15090F appended to this document to ensure that the results expressed at the time of the test are still valid.

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THE ASSESSORS

The Building Test Centre operates as an independent accredited test house for the construction industry. The Building Test Centre has unrivalled experience in the development of drywall systems. The Building Test Centre is UKAS accredited under No. 0296 for fire resistance, reaction to fire, acoustic and structural testing. The Building Test Centre is wholly owned by British Gypsum a major manufacturer of building products.

The Building Test Centre is a founder member of the Fire Test Study Group an organisation comprising the UKAS accredited fire test laboratories conducting fire testing in the UK primarily for building control approval. The aim of the group is to ensure a common interpretation of test standards by all laboratories.



REVIEW AUTHORISATION

Review Author

Matthew Porter
MEng (Hons.), MIFireE
Laboratory Supervisor

Reviewing Assessor

Paul Miller
BSc (Hons.),
Fire Test Manager

Review Date 18th February 2021.

This review report is not valid unless it incorporates the Declaration by Applicant form duly signed by the applicant.

Applicant: **Hadley Group**

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DISCUSSION

Test information shall be reviewed against current test procedures to ensure that the results are still valid. Changes in procedures that may have a bearing on the result of the test and consequently whether that evidence can be used in an assessment result from:

- Amendments to a particular test method
- Withdrawal of a particular test method
- FTSG resolution on a particular test method
- Amendment to end-use regulations that disallow a particular test method.

The original test was carried out in September 2007 and was conducted in accordance with BS EN 1364-1:1999. The results expressed in the report are still valid with reference to the current test standard and associated legislation as there has been no changes to the test standard that would affect the result of this test and no test evidence is available that contradicts the results expressed. The changes that were found when comparing BS EN 1364-1: 1999 and BS EN 1364: 2015 that would affect plasterboard partitions were that unexposed thermocouples can now be placed onto the specimen at any angle and do not need to be parallel to the plane of the unexposed face and that failure under all criteria shall be disregarded within 150mm of the free edge, unless in practice the free edge is unrestrained. However, these changes aren't applicable to the original test specimen.

LIMITATION

This report review addresses itself solely to the ability of the tested construction described to satisfy the criteria of the fire resistance test and does not imply any suitability for use with respect to others unspecified criteria.

This review is issued on the basis of test data and information to hand at the time of issue. If contradictory evidence becomes available to the reviewing authority the review will be unconditionally withdrawn and the applicant will be notified in writing. Similarly the review is invalidated if the assessed construction is subsequently tested since new data is deemed to take precedence over old test data and/or an expressed opinion. The review is valid initially for a period of five years after which time it is recommended that it be submitted to the reviewing authority for re-appraisal.

Any opinions and interpretations expressed in this review are outside the scope of UKAS accreditation.

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DECLARATION BY THE APPLICANT

Review Reference Number BTC 21679F

We the undersigned confirm that we have read and complied with the obligations placed on us by FTSG Resolution No. 82.

We confirm that the material, component or element of structure, which is the subject of the test report being reviewed, has not to our knowledge been subjected to another fire test to the standard against which the review is being made.

We agree to withdraw this review from circulation should the component or element of structure be the subject of another fire test to the standard against which the review is being made.

We are not aware of any information that could affect the conclusions of this review.

If we subsequently become aware of any such information we agree to ask the reviewing authority to withdraw the review.



Signed:

Print Name Joseph Sargeantson

For and on behalf of Hadley Group

Applicant: **Hadley Group**

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