

Fire Performance

BS 476: Part 22: 1987

Komfire-75 Partitioning System
SOLID MODULE

DOCUMENT NO. KF75-FP-01

System Performance

Integrity: 30 minutes

Insulation: 30 minutes

For performance validation of the installed product this Summary of Performance must be accompanied by the signed Contractors Statement



Summary of Results

This is to confirm that the solid construction of the above partitioning system with code 863 cover trims as detailed The International Fire Consultants Report Field of Application IFCA/94001 (available on request) which was made in conjunction with primary test evidence reports BTC5224F, C74910, BTC10846F, J78242/2 & CFR2001141 and secondary test evidence C71787/1, WARRES 61576, WARRES 54250, IFCI/208, IFCI/230, BTC10978F & BTC11093F. All of which has been tested in accordance with British Standard 476: Part 22 and satisfied the criteria for fire resistance for the period required.

Komfort Systems 'Komfire-75' partitioning system solid module with an overall thickness of 75mm is constructed by using Komfort 50mm galvanized steel stud (code 853) and 'U' channel head and base track (code 835) that are fixed to the supporting structure at 600mm centres. The vertical studs are cut a nominal 18mm short of the floor to ceiling height and positioned at 600mm centres with a single skin of 12.5mm thick plasterboard screw fixed each side using 25mm long drywall screws at 300mm centres. The vertical board joints are then obscured by means of an aluminium cover trim (863) that us fitted into a screw fixed continuous steel batten strip (840). The partition cavity was filled with Komfort's is 60mm thick Crown factory clad (code 880).

The construction has been tested in accordance with British Standard 476 : Part 22 : 1987 and is described within Field of Application IFCA/94001.

31 minutes Insulation and 32 minutes Integrity are achieved when the module is constructed using all Komfort components as shown within this data sheet and described in the systems technical manual and test report.

Komfire-75 solid fire performance partition can be constructed without a requirement to use intumescent mastic at the abutments.

It is important that the type size and fitting detail for the foams and intumescent seals remains as tested. These products can often exhibit significantly different characteristics which could alter the performance obtained during the test and therefore they must not be considered interchangeable, irrespective of whether the individual product has been tested and dimensions are maintained.

