



Fire Resistance

to BS 476: Part 22: 1987

Summary of Performance

Document No. C75

Seamless Abutments Partitioning System

75mm Solid Module

This is to confirm that the solid construction of the above partitioning system using 50mm vertical stud, plaster shadow head trim and skirting with taped / filled plasterboard joints as detailed in International Fire Consultants Ltd Field of Application Report PAR/10876/01 (available on request) in conjunction with evidence contained in The Building Test Centre Report No. BTC 17322F and summarised in SA Solutions data sheet C75 SOL/INST.1 has been tested in accordance with British Standard 476: Part 22 and satisfied the criteria for fire resistance for the period;

Integrity	Insulation
33 minutes	33 minutes

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



Certificate No FM25967

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Seamless Abutments Partitioning System

Installation Instructions for 75mm Solid Module using 50mm Vertical Stud, Plaster Shadow Head Trim (code SA13) & Skirting (code SA14) with Taped / Filled Plasterboard Joints



SA Solutions' **'Seamless Abutments'** partitioning system solid module with an overall thickness of 75mm is constructed by using SA Solutions 50mm galvanised steel stud (code 853), 'U' channel head / base track (code 835) and horizontal fixing strap (code DM53GF1) 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 taper edge plasterboard screw fixed each side using BZP finished 25mm long drywall screws (code SA319) at 300mm centres. The vertical board joints are then obscured by means of taped and wet plaster filling across the butt joint taper section of the plasterboards to mask the screw fixings. The partition cavity was filled with SA Solutions' 60mm thick Crown factory clad (code 880).

The Seamless Abutments head shadow trim (code SA13) and skirting (code SA14) plaster mouldings are screw fixed using BZP finished 25mm long drywall screws (code SA319) at 300mm centres to the 'U' channel head / base track (code 835) and the fixing strap (code DM53GF1). The horizontal joints between the plasterboard and the plaster mouldings are then obscured by means of taped and wet plaster filling across the butt joint section.

The construction has been tested in accordance with British Standard 476: Part 22: 1987 and is described within The Building Test Centres Report No. BTC 17322F and International Fire Consultants Ltd Field of Application Report PAR/10876/01.

33 minutes Integrity and 33 minutes Insulation are achieved when the module is constructed using all Seamless Abutments system components as shown within this data sheet and described in the systems technical manual and test / assessment reports.

Seamless Abutments solid fire performance partition must be constructed with the use of 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.

