



# Fire Resistance

to BS 476: Part 22: 1987

## Summary of Performance

Document No. C125 / F5

# Seamless Abutments Partitioning System 125mm Solid Module

This is to confirm that the solid construction of the above partitioning system using 70mm vertical stud, plaster shadow head trim and skirting with taped / filled Fireline board 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 Loss Prevention Council Report No. TE80627, The Building Test Centre Report No. BTC 17322F and summarised in SA Solutions data sheet C125 SOL/INST.5 has been assessed to provide 90 minutes fire resistance to British Standard 476: Part 22

Integrity	Insulation
<b>90</b> minutes	<b>90</b> minutes

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



Certificate No FM25967

Seamless Abutment Solutions

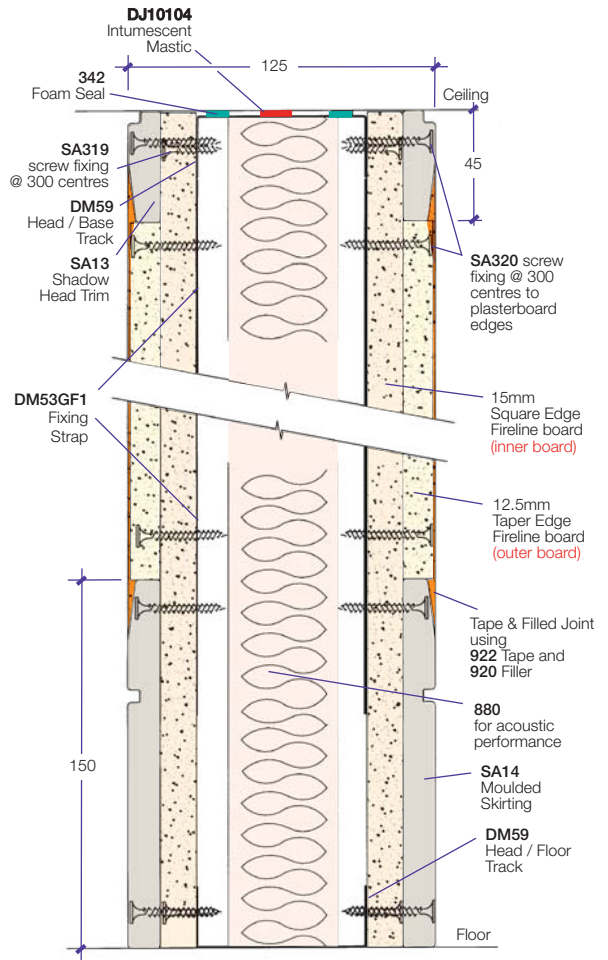
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# Seamless Abutments Partitioning System

## Installation Instructions for 125mm Solid Module using 70mm 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 125mm is constructed by using SA Solutions 70mm galvanised steel stud (code DM56), 'U' channel head / base track (code DM59) 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 inner skin of 15mm thick Fireline square edge boards screw fixed each side using BZP finished 25mm long drywall screws (code SA319) at 300mm centres and outer layer of 12.5mm Fireline taper edge board with vertical joints staggered between the inner and outer layers are screw fixed each side using BZP finished 38mm long drywall screws (code SA320) at 300mm centres. The outer 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 DM56) 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 difference is the use of Gypsum mouldings with the generic method of taped and filled joint in place of horizontal and vertical cover trim, therefore the system solid module has been assessed based on Komfire-100 test evidence within The Loss Prevention Council Report No. TE 80627 and the Building Test Centre Report No. BTC 17322F to meet the requirement of British Standard 476 : Part 22 : 1987 as described within the International Fire Consultants Ltd Field of Application Report PAR/10876/01.

90 minutes Integrity and 90 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 specified. 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.

