
CERTIFICATE OF APPROVAL

No CF 5237

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

FSI LIMITED

**Westminster Industrial Estate, Tamworth Road,
Measham DE12 7DS**
Tel: 01530 515130 Fax: 01530 273564

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

Pass it Transit System

TECHNICAL SCHEDULE

TS03 Penetration Seals

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight
Chairman - Management Council
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Issued: 11th April 2014
Valid to: 10th April 2019



CERTIFICATE No CF 5237
FSI LIMITED

Pass-it Transit System

1. This approval relates to the use of the Pass-it Transit System for the fire protection where services are penetrating walls and floors. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness and acceptable services for Pass-it Transit System required to provide fire resistance periods in accordance with EN 1366-3: 2009 of up to 120 minutes for differing services and wall constructions. The scope of certification complies with the guidelines stated in the ASFP Red Book: 3rd Edition for 3rd party certification schemes.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.¹
3. The product is approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency specified in TS03
 - iii) A design appraisal against TS03
 - iv) Inspection and surveillance of factory production control
4. The concrete floors and/or masonry or concrete walls shall be at least as thick as the sealing system as shown in the Approval matrix and have at least the same fire rating as that required for the penetration seal.
5. The services which may be fitted through the seals are electrical cables of various sizes from communication cables to power cables.
6. The approval relates to ongoing production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

Further information regarding the details contained in this data sheet may be obtained from FSi Limited (Tel: 01530 515130).

Further information regarding the CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

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FSI LIMITED**

Pass- it Transit System

Approval Matrix EN1366-3: 2009 - Up To 120 Minute Walls

Product Designation	Width (mm)	Height (mm)	Depth (mm)	Substrate Thickness (mm)
Type A	300	100	130	100
Type B	200			
Type C	100		150	100-150
Type D	300			
Type E	200	150	100-150	
Type F	100			
Type G	300	150		

Product Name:	Pass-it Transit Device		
Coating / DFT:	N/A		
Density:	N/A		
Services		Integrity	Insulation
1 off Type 'D' Electrical Cable (4x 185mm ²)		120	60
Up to 50 off Type 'F' Telecom Cables (20x2x0.6mm)			
Walls	The walls shall be a minimum of 100 mm thick. The minimum density for the concrete or brick of the wall is 780kg/m ³ and for walls made of concrete blocks is 600kg/m ³ . Partition drywalls will comprise at least 2 layers of 12.5 mm thick Type 'F' gypsum boards. All concrete, masonry or drywalls shall have at least the same fire rating as that required for the barrier.		
Application Technique:	The pass-it Transit System is retained via a perimeter frame of steel angles fixed with self-tapping steel screws.		
Service Coat-Back :	Not required	U Value:	Not known
Service Support Requirements:	Services should be rigidly supported via steel angles, hangers or channels, not further than 270 mm and 470 mm from the surface of the sealing system on both faces.		
Resistance to Smoke:	Not evaluated by this approval	Weather Capability:	Not evaluated by this approval
Acoustic Rating:	Not evaluated by this approval	Movement Capability:	Not evaluated by this approval