



CERTIFICATE OF APPROVAL

No CF 5036

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

FISCHERWERKE GMBH & CO. KG.

Weinhalde 14-18, 72178 Waldachtal, Germany

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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

**FiPW – fischer
Intumescent Pipe Wrap**

TECHNICAL SCHEDULE

**TS03 Penetration Sealing
Systems**

Signed and sealed for and on behalf of CERTIFIRE

Sir Ken Knight
Chairman - Management Council

Issued: 23rd January 2012
Revised: 25th April 2012
Valid to: 10th April 2017

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FISCHERWERKE GMBH & CO. KG.

FiPW – fischer Intumescent Pipe Wrap

1. This approval relates to the use of FiPW – fischer Intumescent Pipe Wrap for the fire protection where services are penetrating walls. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness and acceptable services for FiPW – fischer Intumescent Pipe Wrap required to provide fire resistance periods in accordance with BS 476: Part 20: 1987 or BS EN 1366-3: 2004 (denoted by * in the tables) of up to 240 minutes for differing services and wall constructions. The scope of this certification complies with the guidelines stated in the ASFP Redbook: 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.'
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 masonry or concrete walls shall be at least 100 mm thick 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 PVC, ABS, MDPE and HDPE pipes of various sizes, as detailed within the Approval Matrix included in this Certificate.
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

Further information regarding the details contained in this data sheet may be obtained from fischerwerke GmbH & Co. KG. (Tel: int+ 49 7443 120).

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



CERTIFICATE No CF 5036 FISCHERWERKE GMBH & CO. KG.

FiPW – fischer Intumescent Pipe Wrap - Approval Matrix

Product Name:		FiPW – fischer Intumescent Pipe Wrap		
Coating / DFT:		N/A		
Density:		N/A		
PVC Pipe Size* (up to)	Wrap size	Wall/Floor Thickness	Integrity	Insulation
63 mm Ø by 3.2 mm wall thickness*	60 by 3.5 mm	150 mm	180 minutes	180 minutes
110 mm Ø by 3.2 mm wall thickness*	60 by 6 mm			
MDPE Pipe Size* (up to)	Wrap size	Wall/Floor Thickness	Integrity	Insulation
63 mm Ø by 6.5 mm wall thickness	60 by 3.5 mm	150 mm	240 minutes	240 minutes
90 mm Ø by 9 mm wall thickness	60 by 6 mm			
HDPE Pipe Size* (up to)	Wrap size	Wall/Floor Thickness	Integrity	Insulation
110 mm Ø by 7 mm wall thickness	60 by 6 mm	150 mm	240 minutes	240 minutes
ABS Pipe Size* (up to)	Wrap size	Wall/Floor Thickness	Integrity	Insulation
160 mm Ø by 10.5 mm wall thickness	60 by 6 mm + 60 by 3.5 mm (Floor only)	150 mm	240 minutes	240 minutes
* Performance in accordance with BS EN 1366-3: 2004				
Maximum aperture:	183 mm Ø			
Walls/Floors	The walls and floors shall be a minimum of 100 mm thick for periods of up to 60 minutes integrity performance and 150 mm thick for periods of up to 240 minutes integrity. The minimum density for the concrete or brick of the wall is 780kg/m³ and for walls made of concrete blocks is 600kg/m³. All concrete or masonry walls or floors shall have at least the same fire rating as that required of the pipe wrap.			
Application Technique:	Concrete/masonry walls and floors: The Pipewrap is folded around the pipe and secured tightly with adhesive tape. The wrap is then slid along the pipe into the wall or floor aperture and grouted or sealed into position using FiAM – fischer Intumescent Acoustic Mastic.			
Service Coat-Back :	Not required		U Value:	Not known
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, not further than 500 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

PVC – Polyvinyl Chloride

MDPE – Medium Density Polyethylene

HDPE – High Density Polyethylene

ABS – Acrylonitrile Butadiene Styrene

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