

FireStop coated panel system for multiple service penetrations

ASSESSMENT/APPROVAL



British Standard

BS 476-20

BS 476: Part 22

BS EN 1366-3

BS EN ISO 10140-3:1995



ADVANTAGES

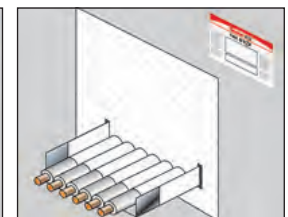
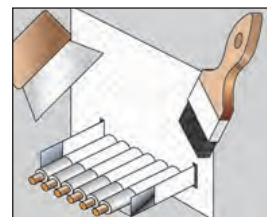
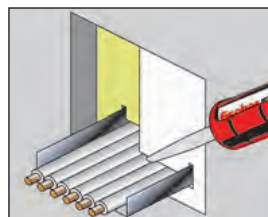
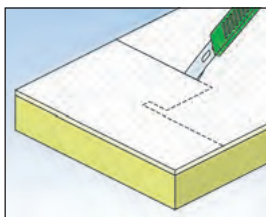
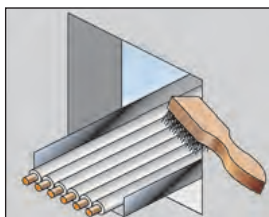
- Approved for light partition walls
- Can be installed dry
- No coatback required for services
- Excellent acoustic properties
- Asbestos and halogen free

APPLICATIONS

- Small and large openings
- Cables/cable trays
- Metallic or non-metallic pipes

FUNCTIONING

- FCPS is a rock fibre core coated with ablative sealant FPC for use in both vertical and horizontal applications.
- It maintains the sound reduction index of a structure.
- The FCPS will allow additional services to be added or removed and will accommodate thermal and mechanical movement of services.
- FPC can be used to adhere sections of FCPS board when jigsaw assembly is required and can also be used to enhance smoke and acoustic performance.



INNER ENGINEERING PRODUCTS & SYSTEMS PVT LTD



MAHARASHTRA



GOA



GUJARAT



MADHYA PRADESH



CHHATTISGARH

1. If opening size is greater than 1,200 x 1,200 mm then a steel angle for mechanical support should be installed as per detailed instruction or approved system.
2. Clean all contact surfaces so they are free from loose debris and contaminants.
3. Cut FCPS as per the required opening size, so that it can be fitted under friction into aperture with as few joints as possible.
4. Prior to installation, coat all exposed areas of FCPS with FPC.
5. Install FCPS section into aperture so it is compression fitted.
6. For multiple or mixed services passing through opening please use appropriate fire stopping device:
 - a. Use FiAM for metallic pipes, cables, cable trays and ducts.
 - b. Use FiPW for non-metallic pipes.

SPECIFICATIONS

Item	Art.-No.	Dimensions D x s x L x B [mm]	Contents [l]	Contents [ml]	Suitable for use with	Sales unit [pcs]
FCPS/50	053252	1200 mm x 600 mm x 50 mm	—	—	—	1
FPC/5lt	053253	—	5	—	—	1
FiAM 310	053011	—	—	310	—	25
KP M2	053117	—	—	—	FiAM 310, FFRS 310, UFS 310, FiGM 310	1

TECHNICAL DATA

Dimensions	1200 mm x 600 mm x 50 mm
Density of board	140 kg/m ³
Coating thickness	1 mm DFT
Fire resistance	Depending on application
Acoustic performance	23 dB mean reduction up to 56 dB reduction (with one 50 mm FCPS board). 29 dB mean reduction up to 65 dB reduction (with two 50 mm FCPS board)
Thermal conductivity (U value)	0.034 W/mK at 10 °C
Maximum size of seal	Wall 5.76 m ² , floor 2.88 m ²
Maximum size unsupported	1.2 m x 1.2 m (no services)
Mechanical support	30 mm x 30 mm x 1.6 mm steel angle
Density of panel coating FPC	1.25 - 1.3 g/cm ³
Panel coating FPC coverage	3.5 litres/m ²
Shelf life of board	N/a
Shelf life of panel coating FPC	12 months
European Technical Approval	ETA 14-0388 and ETA 14-0382
CE marking	1121-CPR-JA5050

Note: Please refer to the appropriate approvals for details.

APPLICATION DATA

Services	Rigid partition walls [Fire rating - hours]	Flexible partition walls [Fire rating - hours]	Concrete floors [Fire rating - hours]
Cable ladder/tray/basket	up to 2	up to 2	up to 2
Cables up to 26 mm diameter	up to 2	up to 2	up to 2
Cables up to 80 mm diameter	up to 2	up to 2	up to 2
Steel/Copper pipes up to 159 mm diameter	up to 2	up to 2	n/a
PVC pipes* up to 110 mm diameter	up to 1	up to 1	n/a
Blank seals	up to 2	up to 2	up to 2

PVC Pipes must be protected in conjunction with FiPW, which must be securely sealed in place within the FCPS.

fischer Building Materials India Pvt. Ltd.,
Level IV and Level V, Unit No. 401 and 501,
Prestige Garnet, Ulsoor Road, Bangalore,
Karnataka, India - 560042.
Phone - 080-4151 1991/92/93
Toll Free No. : 1800 121 7188
www.fischer.in | info@fischer.in



INNER ENGINEERING PRODUCTS & SYSTEMS PVT LTD

Registered Office (Ahmedabad)

Ground Floor, Showroom No. 3, Brooklyn Tower, Next to YMCA Club, S.G Highway, Ahmedabad - 380015, Gujarat, India.

Branch Offices (Pune - Vadodara)

Office No 501, Fifth Floor, Archway, Plot No 5, Sopan Baug Society, Survey No 2/1, Balewadi, Pune- 421045, Maharashtra, India.

713/A, Atlantis Heights, Opp. Swagat Petrol Pump, Nr. Genda Circle, Vadodara - 390021, Gujarat, India.