



**Coming together is a beginning, staying together is progress and working together is success.**

**Inner Engineering Products & Systems Private Limited** is a one of its kind insulation solution provider Company. Headquartered in Ahmedabad – Presence in Western India. Inner Engineering has introduced various never thought of Products in the Industry, and side by side working on expanding the range for the same. We are the first to bring internationally benchmarked and customized ONE STOP Solution Provider for your all Mechanical/Electrical/Plumbing/Fire Fighting (MEPF) & HVAC Application at your doorstep. So, add one more feather in the cap we are Introducing the Fischer Passive Fire Stop System in our portfolio. Passive fire system is one of the products which is demand of ongoing development.

Fire prevention is a crucial consideration for those who are responsible for the design, specification, and construction of new and refurbished buildings. It also plays a significant consideration in the ongoing maintenance of occupied premises. As causes of fire are often unpredictable, design measures are taken to influence the formation and spread of fire, smoke and toxic gasses.

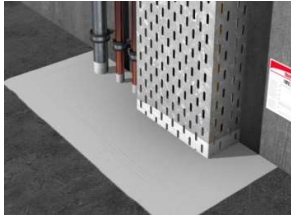
**Fischer** is always leading brand in which engineering experts throughout the world place their trust. They always believe in competent technical and sale partner for their all range of products. We together provide services one can access include Test/Design/Calculation and the development of special solution.

As per NEW NBC 2016 guideline Passive Fire Protection System is requisite for any new projects. Fire stop Solution are used more wide spread in industrial, commercial setups and Infra Project but with our solutions we have provided the flexibility for it to seamlessly function in all set up of projects where all services need to be work smoothly without any interruption.

***Segments:***

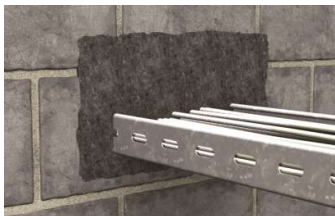
1. HVAC
2. Electrical
3. Fire Fighting
4. Plumbing
5. Curtain Wall – Façade Application

## ***HVAC:***



- **Fischer FFSC** is a specially formulated gypsum-based compound, which when mixed with water can be trowelled or poured around service penetrations in either vertical or horizontal applications. Firestop compound is structural fire resistance seal for floor and walls. It can be used to seal large opening of HVAC duct and Chilled water piping. FFSC can provide up to 4 hours integrity and insulation.
- **Fischer Coated Panel System FCPS** is a rock fibre core coated with ablative sealant FPC - Fischer Panel Coating. FCPS is designed to provide effective and efficient firestopping seals in both vertical and horizontal applications. FCPS also helps to maintain the sound reduction index of a structure.

## ***ELECTRICAL:***



- **FBS** is a two-component polyurethane expanding sound, smoke and firestop-ping seal for hard-to-reach locations which expands to up to 5 times of its volume. **FIB** is a glass fibre reinforced intumescent wrap to enhance the insulation value of ETA applications.
- **Fischer UFS 310** is a one-part water based intumescent sealant which is used for sealing construction joints and service penetration in both vertical and horizontal applications. Tested in accordance with ASTM E 814 (UL1479) ASTM E 1966 (UL2079) ASTM E 84(UL723) the Fischer UFS 310 can provide up to 4 hours fire rating.
- It exhibits excellent slump characteristics, is easy to apply and cures to a flexible set. It is suitable for internal applications and conditions where dynamic movement may occur.

## ***PLUMBING:***



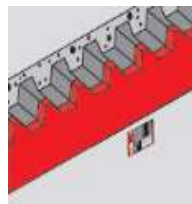
- The FiAM US is a one-part water-based fire-resistant sealant designed for a wide range of UL listed applications.
- The FiAM US can be used in construction joint and service penetration applications. The FiAM US can be used in both vertical and horizontal orientation and can be used in conjunction with the FiWS for a wide range of combustible services.

### ***Fire Fighting:***



- Fire collars sealing a wide range of combustible pipes passing through fire rated walls and floors.
- FiWS intumescent wraps for sealing flammable pipes passing through fire rated walls and floors

### ***Curtain Wall (Façade Application):***



- Fischer fire rated construction joint sealant RFS 640 is a spray grade one part water based, fire rated sealant which has been design to provide smoke and fire protection on construction joints & service penetrations in both vertical and horizontal applications.
- Fischer RFS 640 is Asbestos, Solvent and hazardous ingredients free, it exhibits excellent slump characteristics, is easy to apply and cures to a flexible elastomeric seal. It is suitable for internal applications and for conditions where dynamic movement may occur.
- Tested in accordance with ASTM E 814 (UL1479), ASTM E 1966 (UL 2079), ASTM E 2307, ASTM E 84 (UL723) the Fischer RFS can provide up to 3 hours fire rating.

We at INNER Engineering don't compromise on safety and we take part in leading national/international standard setting council in technical sector. Inner Engineering has a team of highly trained professionals to provide the right kind of tailor-made solutions using Design /Calculation and the right products.

### **INNER ENGINEERING PRODUCTS & SYSTEMS PVT LTD**

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**INROCK\* INSOUND\* INPANEL\* INAIRFILL\* INFOAM\* INFLEX\* INSEAL\* INBOND\***



**fischer**

**MUPRO**