Universal firestopping sealant which is suitable for metallic, non metallic services and construction joints

**Applications**
- Metallic services - Steel & Cast Iron 20" (500mm) - Copper 6"(150mm)
- Non metallic services - PVC 2" (51mm Open) 3" (75mm Closed)
- Insulated services - 20" (500mm)
- Construction Joints - 4" (100mm)
- HVAC 100" (2500mm)
- Cable bunches 4" (100mm) - Busway 27" (686)

**Advantages**
- Water based
- Flexible set
- Contains mould growth inhibitor
- Freeze - thaw capabilities
- Paintable
- Accelerated age & humidity tested
- Low VOC
- Excellent acoustic properties

**Description**
- 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 upto 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.
- Vast testing with a variety of service penetrations and joint configurations makes it a universal firestop for most applications.
- It is formulated to be halogen and solvent free.

**Installation**

Note: Firestop material must be installed in accordance with detailed instruction or the approved system:
1. Clean all contact surfaces so they are free from loose debris and contaminants such as oil, dirt, grease, wax, old sealant etc.
2. Install the required backing material as per the detailed instruction or approved system
   Note: Backing material MUST be installed under compression - there should be no lose backing material, voids or gaps present
3. For best application results - fischer UFS 310 should be at room temperature
4. Apply fischer UFS 310 to required parameters as per detailed instruction or approved system making sure that it is in contact with all surfaces to provide maximum adhesion -fischer UFS 310 can be installed using a standard sealant (caulking) gun or the fischer KP M2 Applicator
5. Tool sealant to a defect free finish using a wetted trowel or putty knife
6. Clean all equipment with water immediately after use
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
<th>Size (ml &amp; lt)</th>
<th>Qty. Per Box</th>
<th>Suitable for use with</th>
</tr>
</thead>
<tbody>
<tr>
<td>UFS 310</td>
<td>516538</td>
<td>310</td>
<td>12</td>
<td>-</td>
</tr>
<tr>
<td>UFS 19lt</td>
<td>533889</td>
<td>19lt</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>KPM2 Applicator Gun</td>
<td>53117</td>
<td>-</td>
<td>1</td>
<td>UFS 310</td>
</tr>
</tbody>
</table>

### TECHNICAL DATA

- **Chemical Base:** Water-Based elastomeric
- **Density:** approx 1.31 g/cm³
- **Application temperature:** +5°C to +40°C
- **Skin-forming time:** approx 20-30 min
- **Curing rate:** approx. 4mm in 72 hours*
- **Storage temperature:** +2°C to +49°C
- **Movement capability:** upto 50% **
- **Intumescent activation:** from 190°C to 593°C
- **Shelf-life:** 36 months (under recommended conditions)
- **pH Value:** 6.5 to 7
- **Sound transmission class: (dB)**: 54
- **Surface burning characteristics:** ASTM E 84 UL 723 Tunnel Test
  - Flame spread - 5
  - Smoke index - 5
- **Colour:** Red

* dependant on substrate, air humidity and weather conditions
** depending on UL listed system and configuration

### ADDITIONAL INFORMATION

**Notes:** Please refer to SDS for further information

#### Recommendations

1. Can be used in conjunction with a suitable backing material as approved in detailed instruction or approved system
   - i) Non-flammable mineral wool (min. 64 kg/m²)
   - ii) PE backing rod

#### Storage

1. Storage temperatures between +2°C and +49°C
2. Store away from heat sources
3. Keep container closed until use
4. Monitor expiry date on tube