A single component filler foam with effective fire resistance

Applications
- Construction joints in walls and floors
- Insulating and sealing doors and windows - non-fire rated application
- Backfilling material only for service penetrations
- Filling general voids and cavities - non-fire rated application

Advantages
- High foam yield
- No post shrinkage or expansion
- CFC free - Propellant
- Effective seal against smoke
- Can be rendered, cut, painted or sanded
- High bond strength
- Good adhesion to most building materials
- Excellent Acoustic and Thermal Properties

Approvals
- British Standard BS 476 - 20
- BS EN 1366-4
- BS EN ISO 10140-3:1995

Building Materials
Suitable for:
- Concrete
- Masonry
- Steel - as backing material
- Timber - as backing material

Description
- Fischer Firestop foam is a single component, self expanding polyurethane foam which has been designed to be self curing via the absorption of moisture from the atmosphere.
- The foam has excellent adhesion properties and can adhere to most building materials, when the foam sets it cures to a semi-rigid structure which accommodates low movement and vibration.
- Tested to the DIN 4102, BS 476 and EN1366-4 the firestop foam also exhibits excellent thermal properties and helps to maintain the sound reduction index of a structure.
- Services penetrations should be adequately protected with suitable firestop material such as: FiAM Intumescent Acoustic Mastic, UFS universal Firestopping sealant, FiGM Intumescent Graphite Mastic, FFC Collar or FiPW Pipe Wraps, and should be installed in accordance with detailed instruction or approved system.

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. Dampen the substrate surfaces with clean water before application to improve adhesion and curing rate.
3. Protect adjacent surfaces with paper of a plastic film.
4. Shake the canister vigorously at least 20 time before use, and again periodically during application.
5. Remove the cap and screw the nozzle firmly into the connector on the top of the valve
6. Gently pull the trigger to dispense foam, whilst holding the canister inverted.
7. Fill approximately half of the required depth of the cavity to allow for expansion of the foam. Should gaps be more than 30mm then apply the foam in beads and pre-moisten between layers.
8. On horizontal surfaces always work away from the bead and work up wards on all vertical surfaces.
9. Please note that cured foam is adversely effect by UV light and should be protected with a suitable paint or sealant.
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
<th>Contents</th>
<th>Qty. Per Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firestop Foam</td>
<td>42757</td>
<td>750 ml</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Base</th>
<th>Polyurethane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consistency</td>
<td>Stable foam</td>
</tr>
<tr>
<td>Curing system</td>
<td>Moisture-cure</td>
</tr>
<tr>
<td>Yield</td>
<td>1000ml yields 35-40l cured foam when extruded in beads</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Ca 27 kg/m3 extruded, fully cured</td>
</tr>
<tr>
<td>Skinning formation (20°C/65% R.H.)</td>
<td>10 min</td>
</tr>
<tr>
<td>Drying time (20°C/65% R.H.)</td>
<td>Non tacky after approx 8 min</td>
</tr>
<tr>
<td>Curing rate (20°C/65% R.H.)</td>
<td>2 hr for 30mm bead</td>
</tr>
<tr>
<td>Shrinkage</td>
<td>None</td>
</tr>
<tr>
<td>Storage recommendations</td>
<td></td>
</tr>
<tr>
<td>1. Can be used in conjunction with:</td>
<td></td>
</tr>
<tr>
<td>2. Large cavities should be built up in beaded sections</td>
<td></td>
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<tr>
<td>Note:</td>
<td></td>
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<tr>
<td>Storage</td>
<td></td>
</tr>
<tr>
<td>1. Storage temperatures between +5°C and +25°C</td>
<td></td>
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<tr>
<td>2. Store away from heat sources and direct sunlight</td>
<td></td>
</tr>
<tr>
<td>3. Keep box closed until use</td>
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<tr>
<td>4. Monitored expiry date on can</td>
<td></td>
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<tr>
<td>Limitations of use</td>
<td></td>
</tr>
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<td>1. Not suitable for service penetrations</td>
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<td>2. Not to be exposed to UV radiation or weathering without additional protection</td>
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**ADDITIONAL INFORMATION**

Note: Please refer to MSDS for further information

**Base** Polyurethane

**Consistency** Stable foam

**Curing system** Moisture-cure

**Yield** 1000ml yields 35-40l cured foam when extruded in beads

**Specific Gravity** Ca 27 kg/m3 extruded, fully cured

**Skinning formation (20°C/65% R.H.)** 10 min

**Drying time (20°C/65% R.H.)** Non tacky after approx 8 min

**Curing rate (20°C/65% R.H.)** 2 hr for 30mm bead

**Shrinkage** None

**Storage**

1. Storage temperatures between +5°C and +25°C
2. Store away from heat sources and direct sunlight
3. Keep box closed until use
4. Monitored expiry date on can

**Limitations of use**

1. Not suitable for service penetrations
2. Not to be exposed to UV radiation or weathering without additional protection
3. Not to be used against surface temperatures > +90°C

**Note:**

- **Recommendations**
  1. Can be used in conjunction with:
     - fischer FiAM - Intumescent Acoustic Mastic
     - fischer FFRS - Fire Rated Silicone
  2. Large cavities should be built up in beaded sections

- **Packaging**
  750ml can

- **Temperature resistance**
  -40°C to +90°C when cured

- **Colour**
  Light red

- **Storage temperature**
  +5°C to +25°C

- **Shelf Life**
  Up to 9 months when stored in unopened cartridges under cool, dry conditions