Fast and efficient solution for forming service penetrations through concrete floors

**APPLICATIONS**
- Sealing & firestopping PVC & HDPE pipes up to 160mm (6”) thick concrete floors
- Forms holes up to 200mm (10”) thick concrete floors
- FCID and MRF creates recesses in slabs for lower positioning of Soil Manifold units in wet room applications

**ADVANTAGES**
- Quick Installation.
- Watertight seal
- Higher Tolerance
- Easily extendable
- Wider base for further connections
- No further collars or wraps required.
- Reduce working at height.
- Cost Saver

**BUILDING MATERIALS**
Suitable for:
- Reinforced cast concrete slabs
- Some prefabricated slab systems. (Subject to design)

**DESCRIPTION**
- Fischer FCID Cast In Device is a pass through system which is constructed from a highly resilient polypropylene material and contains a powerful Intumescent graphite band which has been designed for non-metallic pipe applications in reinforced cast concrete slabs and some prefabricated slab systems. (Subject to design)
- Tested to AS 1530: Part 4 and BS 476 Part 20, the FCID can provide up to 4 hours fire resistance.
- The 250mm high FCID has been dimensionally designed to meet most common applications. With a reduced foot plate for closer proximity positioning, an increase neck for higher tolerances and enlarged base opening allowing for elbow or socket fittings to be positioned within the device, the FCID can be easily modified to suit a variety of concrete depths utilizing the accessories such as the Eco friendly Fibrous Extension tube FCID E and also integrate with the MRF Recess Former for applications requiring formed recesses.
- The FCID is rugged enough to withstand the force and load of a concrete pour, yet lightweight enough to permit easy placement and handling.

**INSTALLATION**

**Note:** Firestop material must be installed in accordance with detailed instruction or the approved system.

**For Concrete Slab thickness greater than 250mm**
1. Position FCID as required and attach to formwork.
2. Remove end cap form FCID.
3. Using FCID extension sleeve FCID - E, mark and cut using a fine tooth saw to required length.
4. Slide extension sleeve over FCID unit until it contacts side ribs.
5. Apply Extension Cap FCID - E/C to top of the extension sleeve.
6. Position FCID and extension assembly as required and attach to formwork.

**For Concrete Slab thickness less than 250mm**
1. Cut FCID to required depth of concrete slabs.
2. Place cover cap FCID - CP on top of FCID.
3. Position FCID as required and attach to formwork.
4. Pour concrete to required depth.
5. On completion of concrete curing, remove all formwork and shuttering as necessary.
6. Remove cap from top of FCID.
7. Place pipe through FCID as required.

Note: If the pipe is passed from top to bottom, the rubber seal inside FCID will be forced down, lift the pipe up to ensure correct.

**APPROVALS**

**British Standard**
- BS 476 - 20

**Australian Standard**
- AS 1530: Part 4

**ISO 11600**

**BS 476 - 20**

**AS 1530: Part 4**

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SPECIFICATIONS

<table>
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<tr>
<th>Description</th>
<th>Order No.</th>
<th>Fits Pipe Dia.</th>
<th>Height x Shell Dia.</th>
<th>Qty. Per Box</th>
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<td>FCID 100-E/1000</td>
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<td>FCID 150-E/C</td>
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<td>FCID 100 CI Device</td>
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<td>FCID 65 CI Device</td>
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<td>FCID 100-CP Cap Plug</td>
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<td>FCID 100 CI Device</td>
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<td>FCID 150-CP Cap Plug</td>
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<td>FCID 150 CI Device</td>
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</table>

TECHNICAL DATA

- **State:** Solid
- **Colour:** Fluorescent Yellow
- **Odour:** Odourless
- **Shell Material:** Polyethylene
- **Fire Rating:** 4 hours - BS 476: Part 20 & AS 1530: Part 4
- **Suitable for pipe dia.:** max. upto 150mm
- **Standard Height:** 250mm
- **Extension or reduction in height possible:** Yes
- **Standard flange width:** min. 154mm and max 254mm
- **Significant expansion occur at temperature:** > 160°C
- **Storage temperature:** n/a
- **Shelf-life:** n/a

ADDITIONAL INFORMATION

Note: Please refer to MSDS for further information

- **Recommendations:**
  1. Can be used in conjunction with FCID - E and FCID - E/C for deeper concrete depths
- **Storage:**
  1. Store indoors
  2. Store away from heat sources and direct sunlight