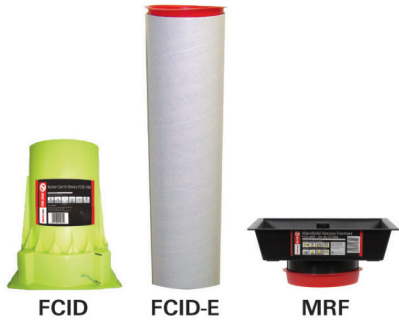


Fast and efficient solution for forming service penetrations through concrete floors

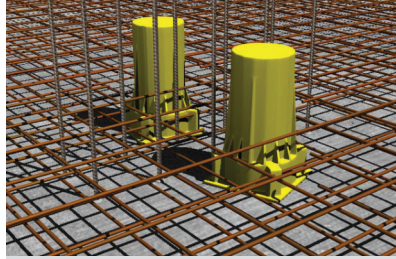
2 Products



FCID

FCID-E

MRF



Installation of FCID within reinforced concrete floor



Installed pipe through FCID device

BUILDING MATERIALS

- Reinforced cast concrete slabs
- Some prefabricated slab systems (subject to design)

ASSESSMENT/APPROVAL

British Standard	Australian Standard
BS 476 - 20	AS 1530: Part 4

ADVANTAGES

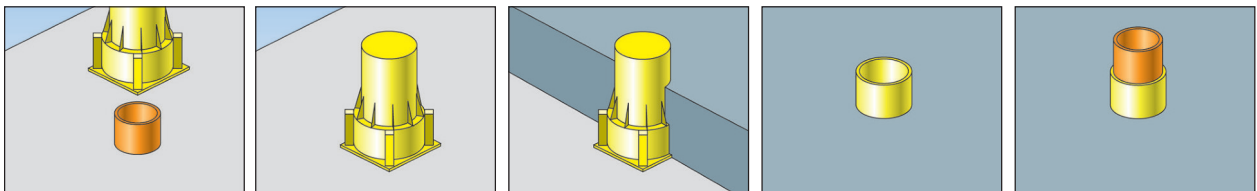
- Quick installation
- Watertight seal
- Higher tolerance
- Easily extendable
- Wider base for further connections
- No further collars or wraps required
- Reduce working at heights
- Cost saving
- Reduced foot plate
- Eco-friendly extension tube
- Closer proximity positioning

APPLICATIONS

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

FUNCTIONING

- FCID is a pass through system, which is constructed from a highly resilient polypropylene material and contains a powerful intumescent graphite band.
- 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

1. Position FCID as required and attach to formwork.
 - For concrete slab thickness greater than 250 mm:**
 - i) Remove end cap from FCID.
 - ii) Using FCID extension sleeve FCID - E Extension Tube, mark and cut using a fine tooth saw to required length.
 - iii) Slide extension sleeve over FCID unit until it contacts side ribs.
 - iv) Apply FCID - E/C Extension Cap to top of the extension sleeve.
 - v) Position FCID and extension assembly as required and attach to formwork.
 - For concrete slab thickness less than 250 mm:**
 - i) Cut FCID to required depth of concrete slabs.
 - ii) Place cover cap FCID - CP Cap Plug on top of FCID.
 - iii) Position FCID as required and attach to formwork.
2. Pour concrete to required depth.
3. On completion of concrete curing, remove all formwork and shuttering as necessary.
4. Remove cap from top of FCID and place pipe through FCID as required.

SPECIFICATIONS

Item	Art.-No.	Fits pipe-Ø	Hight x Shell diam.	Sales unit [pcs]
FCID 65 Cast in Device	509532	Nom 3"/75 mm Pipe	95 mm OD x 250 mm high - base = 154 mm x 154 mm	1
FCID 100 Cast in Device	506324	Nom 4"/110 mm Pipe	140 mm OD x 250 mm high - base = 198 mm x 198 mm	1
FCID 150 Cast in Device	509533	Nom 6"/160 mm Pipe	194 mm OD x 250 mm high - base = 253 mm x 253 mm	1
FCID 65-E/1000 Extension Tube	509791	FCID 65 CI	95 mm ID x 101 mm OD x 1000 mm long	1
FCID 100-E/1000 Extension Tube	509792	FCID 100 CI	140 mm ID x 147 mm OD x 1000 mm long	1
FCID 150-E/1000 Extension Tube	509793	FCID 150 CI	194 mm ID x 201 mm OD x 1000 mm long	1
FCID 65-C Extension Cap	511450	FCID 65-E/1,000	93.5 mm - 96.5 mm tapered OD x 19 mm high	1
FCID 100-C Extension Cap	509794	FCID 100-E/1,000	139 mm - 142.5 mm tapered OD x 25.4 mm high	1
FCID 150-C Extension Cap	511451	FCID 150-E/1,000	194.5 mm - 199 mm tapered OD x 25.4 mm high	1
FCID-MRF Manifold Recess Former	517846	FCID 100 CI	250 mm - 220 mm x 250 mm - 220 mm x 60 mm tapered recess	1
FCID 65-CP Cap Plug	510878	FCID 65 CI	88 mm - 91.5 mm tapered OD x 19.5 mm high 131.5 mm - 136 mm tapered OD x 25.4 mm high	1
FCID 100-CP Cap Plug	510879	FCID 100 CI	131.5 mm - 136 mm tapered OD x 25.4 mm high	1
FCID 150-CP Cap Plug	510880	FCID 150 CI	186 mm - 194 mm tapered OD x 25.4 mm high	1

Note: Details on 4 hours fire rated wraps are available on request.

TECHNICAL DATA

State	Solid
Colour	Fluorescent yellow
Odour	Odourless
Shell material	Polyethylene
Fire rating	4 hours - BS 476: Part 20 and AS 1530: Part 4
Suitable for pipe diameter	Max up to 150 mm
Standard height	250 mm
Extension or reduction in height possible	Yes
Standard flange width	Min. 154 mm and max 254 mm
Significant expansion occur at temperature	> 160 °C
Storage temperature	N/a
Shelf life	N/a