

DROP IN FIRE COLLARS



Allproof Drop In Fire Collars (DIFC'S) provide a simple and effective passive fire rating option for thin concrete floors or trapezoidal steel tray concrete floors. These composite floors feature profile changes on the underside of the slab and make it difficult to fire rate with a conventional fire collar fixed to the underside of a floor slab.

INSTALLATION INSTRUCTIONS:

1. Core drill hole to specified diameter to suit pipe size.
2. Install drop in fire collar fixing with two metal pin anchors. (Floor waste installs require the tabs to be recessed into the slab).
3. Ensure collar on underside of slab is exposed no greater than 80mm and recessed in slab no more than 5mm.
4. Insert pipework through collar.
5. Seal gaps between concrete/collar and collar/pipe with a minimum 5mm depth of Allproof MAS310 or Bostik Fireban One fire rated sealant.
6. Allproof recommends any thermal or acoustic lagging maintains a 50mm separation to the fire collar.

SUITABLE FOR FITTING WITHIN:

- Thin concrete floors (minimum 70mm)
- Trapezoidal steel tray concrete floors (composite floors)
- Cross laminated timber floors

FEATURES:

- Installed and fixed from top side of slab
- Can be retrofit around pipe
- Made from Galvanised steel



DIFC COLLAR DIMENSIONS:

CODE	CONCRETE PENETRATION HOLE SIZE (MM)	OUTER DIAMETER (A)	INNER DIAMETER (B)	CYLINDER LENGTH (C)	MIN - MAX DEPTH (D)
DIFC32 X210	57	48	35	130	130 - 210
DIFC40 X210	72	66	53	130	130 - 210
DIFC50 X210	86	79	66	130	130 - 210
DIFC65 X210	102	92	78	130	130 - 210
DIFC80 X210	112	106	92	130	130 - 210
DIFC100 X210	142	131	118	130	130 - 210
DIFC125 X210	162	154	133	130	130 - 210
DIFC150 X210	202	187	161	130	130 - 210

