

LOW PROFILE FIRE COLLARS



The low profile fire collars are designed to be installed in concrete, masonry fire rated walls and floors, and fire rated plasterboard walls. The Allproof fire collars consist of intumescent material encased in a steel surround with fixing tabs. The advanced intumescent technology allows Allproof to achieve a very low profile height of only 28mm.

When fire occurs the intumescent material expands against the steel surround as the flammable plastic pipe running through the collar

melts and burns away. The steel casing acts as an excellent heat sync ensuring fast activation of the intumescent, forming a stable fire resistant plug, maintaining both fire integrity and insulation.

Fire collars are designed to be exposed in a wall or floor application (i.e. face fixed). The collars should always be fixed to the underneath of the concrete floor. In wall situations one collar should be used on each exposed side of the fire rated wall.

SUITABLE FOR FITTING TO:

- Concrete floors
- Hollow core construction floors
- Rib & timber / ply infill floors
- Composite floors
- Cross laminated timber floors
- Plasterboard ceilings
- Concrete, masonry walls
- Plasterboard walls
- Speedpanel walls
- Hebel Powerpanel walls

Please contact us for further information for any results listed above but not available in this document.

FEATURES:

- Totally unaffected by water
- Unique low profile design
- Stainless or galvanized steel case
- Retro fitting - easy install slide tab
- For use on various penetrations

INSTALLATION INSTRUCTIONS:

1. Ensure substrate around pipe is flat and free from obstructions.
2. Open fire collar and position around pipe.
3. Slide tab through slot in fire collar and fold back 180° to secure.
4. Secure fire collar by using suitable fixings as per testing. Do not use fixings which rely on plastic or nylon components for grip.
5. Install only from underside on floor penetrations. Install fire collar on both sides for wall penetrations.
6. Allproof recommends any thermal or acoustic lagging maintains a 50mm separation to the fire collar.

PIPE COLLAR DIMENSIONS

CODE	NOM. PIPE DIAMETER	OUTSIDE DIAMETER (A)	INSIDE DIAMETER (B)	COLLAR HEIGHT (C)	COLLAR DIAMETER (D)	# OF FIXING TABS
ALLFC25GALV	25mm	100mm	31mm	28mm	44mm	2
ALLFC40SS ALLFC40GALV	40mm	121mm	50mm	28mm	63mm	2
ALLFC50SS ALLFC50GALV	50mm	122mm	63mm	28mm	88mm	3
ALLFC65SS ALLFC65GALV	65mm	136mm	77mm	28mm	102mm	3
ALLFC80SS ALLFC80GALV	80mm	154mm	95mm	28mm	120mm	3
ALLFC100SS ALLFC100GALV	100mm	213mm	120mm	38mm	145mm	4
ALLFC150SS ALLFC150GALV	150mm	258mm	165mm	54mm	190mm	6
ALLFC250SS	225mm	370mm	253mm	102mm	292mm	6

