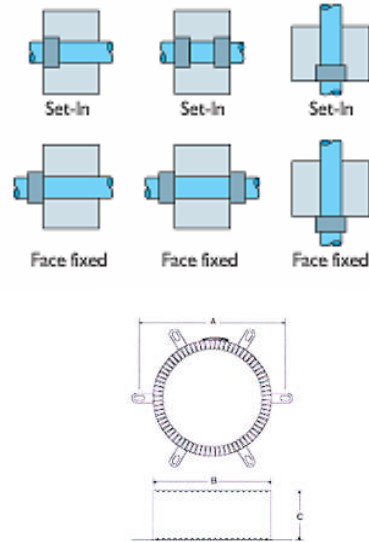


Firebreak Pipe Collars

<p>DESCRIPTION</p>	<p>Firebreak Pipe Collars are a range of galvanised and stainless steel devices designed to be fitted around plastic pipes where they penetrate fire separating constructions. Under fire conditions the intumescent material within the collar expands to crush the softening pipe and fill the resultant opening, thereby maintaining the fire integrity and insulation performance of the floor or wall.</p>
<p>APPLICATIONS</p>	<ul style="list-style-type: none"> • Plastic pipes penetrating fire separating walls • Plastic pipes penetrating fire separating floors
<p>CHARACTERISTICS AND FEATURES</p>	<p>Firebreak Pipe Collars are constructed from galvanised steel for seals offering 120 minutes fire resistance and stainless steel in the case of seals offering 240 minutes fire resistance. Features include:</p> <ul style="list-style-type: none"> • Separate seal ranges offering 120 or 240 Minutes Fire Resistance • Independently fire tested and assessed to the requirements of BS 476 : Part 20 : 1987 and additional guidelines from prEN 1366-4 and to other International Standards • Fire tested in both horizontal and vertical orientations • Tested in conjunction with non-loadbearing partitions • Manufactured to the requirements of BS EN ISO 9001 • Galvanised or Stainless Steel casings for exceptional longevity • Quick and Easy to fix with tab closing • Neat and Compact appearance • Fast acting intumescent action • Intumescent material unaffected by moisture or CO₂ • Suitable for both face fixing and set-in fixing within the depth of the separating construction • Can be used in conjunction with other Firebreak fire seal materials [i.e. Firebreak Compound]
<p>LIMITATIONS</p>	<p>It is the user's responsibility to determine suitability of use.</p>
<p>SAFETY</p>	<p>According to 91/155/EEC Revision No.1.</p>

SEAL LOCATIONS

1. In the case of **Floor** penetrations a single **Firebreak Pipe Collar** should be positioned on the underside of the floor slab.
2. In the case of **Wall** penetrations **Firebreak Pipe Collars** should be positioned on both sides of the separating structure unless the direction is known in which case a single Collar may be positioned on the fire side only.
3. **Firebreak Pipe Collars** may be face fixed or set-in to the floor or wall structure.



PRODUCT CODES AND COLLAR DIMENSIONS

120 MINUTES FIRE RESISTANCE					
Product Code	Pipe Outside Diameter (mm)	Fixing Holes Diameter 'A' (mm)	Collar Diameter 'B' (mm)	Collar Depth 'C' (mm)	Number of Fixing Lugs
C55EI - 120	55	124	74	60	3
C82EI - 120	82	150	100	60	3
C110EI - 120	110	160	134	60	4
C160EI - 120	160	234	200	60	6
240 MINUTES FIRE RESISTANCE					
Product Code	Pipe Outside Diameter (mm)	Fixing Holes Diameter 'A' (mm)	Collar Diameter 'B' (mm)	Collar Depth 'C' (mm)	Number of Fixing Lugs
C25EI - 240	25	95	38	60	2
C32EI - 240	32	104	41	60	2
C40EI - 240	40	108	52	60	2
C48EI - 240	48	119	59	60	2
C55EI - 240	55	124	74	60	3
C68EI - 240	68	134	84	60	3
C82EI - 240	82	150	100	60	3
C110EI - 240	110	160	134	60	4
C125EI - 240	125	180	148	60	4
C135EI - 240	135	192	158	60	4
C160EI - 240	160	234	200	60	6
C200EI - 240	200	315	255	190	7
C250EI - 240	250	365	305	190	8
C315EI - 240	315	415	345	190	9
C350EI - 240	350	450	390	190	12

INSTALLATION INSTRUCTIONS

1. For face fixing the substrate around pipe should be flat and free from obstructions
 2. Release retaining pin and position **Firebreak Pipe Collar** around pipe.
 3. Slide tab through slot in the body of the Collar and fold back through 180 degrees to secure.
 4. Secure Collar by the use of 50mm x 8mm steel masonry screws or 50mm minimum expanding metallic bolts. If in doubt refer to supplier.
- N.B: Do not use fixings that rely on plastic components for grip.**

Since the product is applied under circumstances beyond our control, Neutron Fire Technologies Ltd can accept no direct or consequential liability whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.

