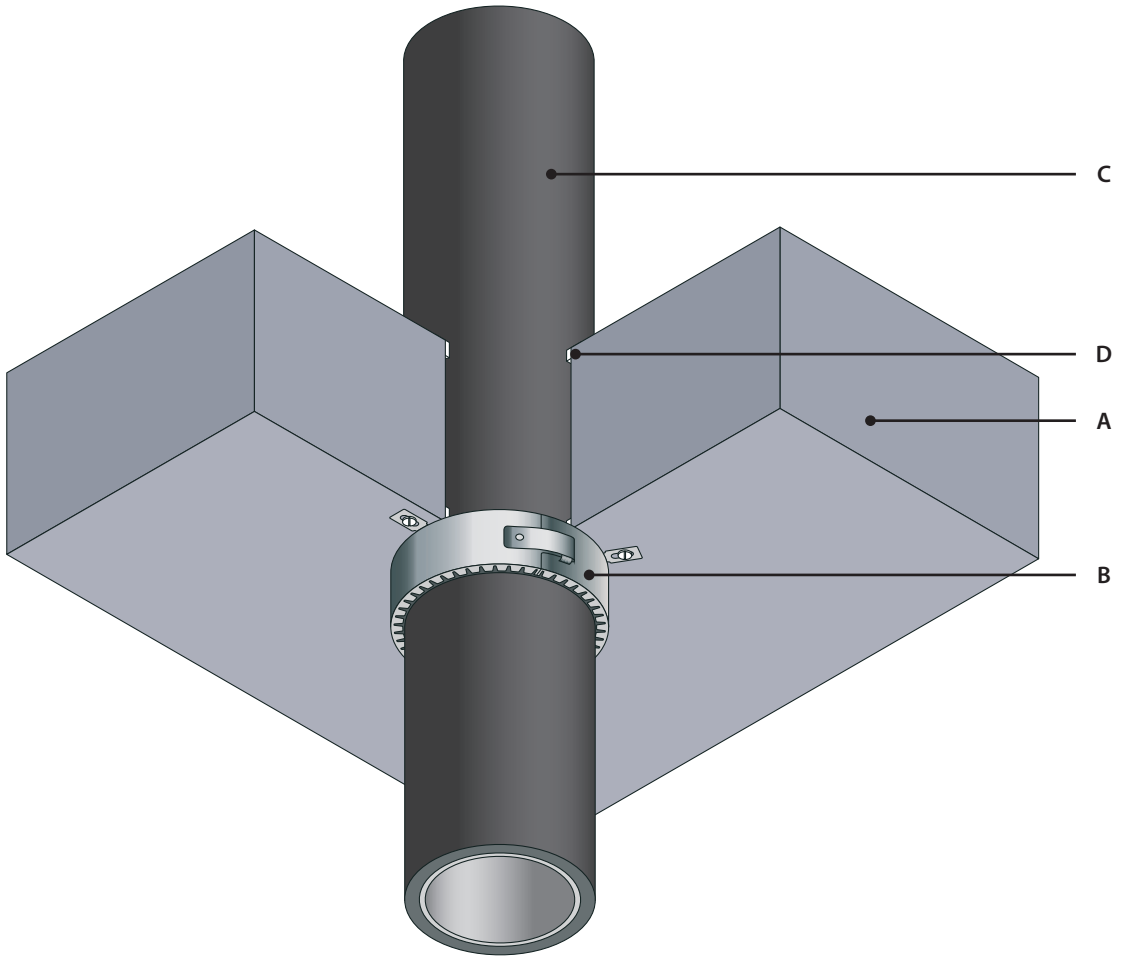
Firebreak FX300 Collar: Installation Instructions

1. Review the current safety data sheets for the Firebreak FX300 Collars, Firebreak 22 sealant and any other Firebreak product to be incorporated within the fire seal before commencing installation.
2. Refer to the technical data sheet to determine the correct FX300 collar size to suite the size and type of the pipe penetration and required fire resistance performance. Only a single collar is required fixed to the underside of the floor slab.
3. Clean away any dust and other loose materials present on the surfaces of the opening where the FX300 Collar is to be fitted.
4. Where the opening around the pipe would mean that the mechanical fixing positions would be located <20mm from the edge of the opening fully fill the space around the pipe with Firebreak Compound to a minimum depth of 50mm. For smaller gaps seal the opening using Firebreak 22 sealant (onto tightly packed stone mineral wool backing where necessary) to form a smoke and acoustic seal.
5. Select suitable steel fixings which do not rely on plastic components for grip (i.e.50mm x 8mm steel masonry screws; 50mm minimum long expandable steel bolts).
6. Place the collar around the pipe and mark the fixing positions on the floor soffit through the fixing tabs before removing and drilling suitably sized holes.
7. Fix the collar around the pipe using the slide through/fold back tab and position against the soffit surface aligning the holes in the fixing tabs with the pre-drilled holes as appropriate.
8. Complete the mechanical fixing to the surface using the selected steel fixings.
9. If required seal any opening around the pipe at the surface of the floor using Firebreak Compound of Firebreak 22 sealant.



firebreak® Fire Safety by Design

© Neutron Fire Technologies Limited

Product:
Firebreak FX300 Pipe Collar.

Fire testing:
BS EN 1366-3: 2009 and BS EN 1363-1: 2012.

Fire resistance:
Up to 240 minutes.

Notes:

A - Concrete floor
B - Firebreak FX300 Pipe Collar
C - Metal pipe with continuous combustible insulation
D - Firebreak 22 Sealant

Manufacturer: neutron fire technologies limited

Authorised installer:

Client:

Project name:

Drawing title:
Firebreak FX300 Pipe Collar Floor Seal with Metal Pipe + Combustible Insulation Penetration

The information contained within this drawing is believed to be correct on the date of publication, and is based upon tested and certified solutions. The policy of Neutron Fire Technologies Limited is one of constant improvement. Installers must therefore ensure that they are following the latest published drawings, test evidence and instructions. Whilst Neutron Fire Technologies Limited will endeavour to keep its publications up to date, the accuracy of the information contained within this drawing may be affected by pertinent changes in the law or regulatory requirements and alterations or amendments to the specifications of our products.

Scale: **NTS** Date: **March 2018**

Drawing number: **FX300F-PP-0084**

Neutron Fire Technologies Limited, Shire Hall, Lostwithiel, Cornwall PL22 0BS, United kingdom t +44 (0) 1208 871185 f +44 (0) 1208 871254 sales@neutronfire.com www.neutronfire.com

Revision number: **00** Sheet size: **A4**