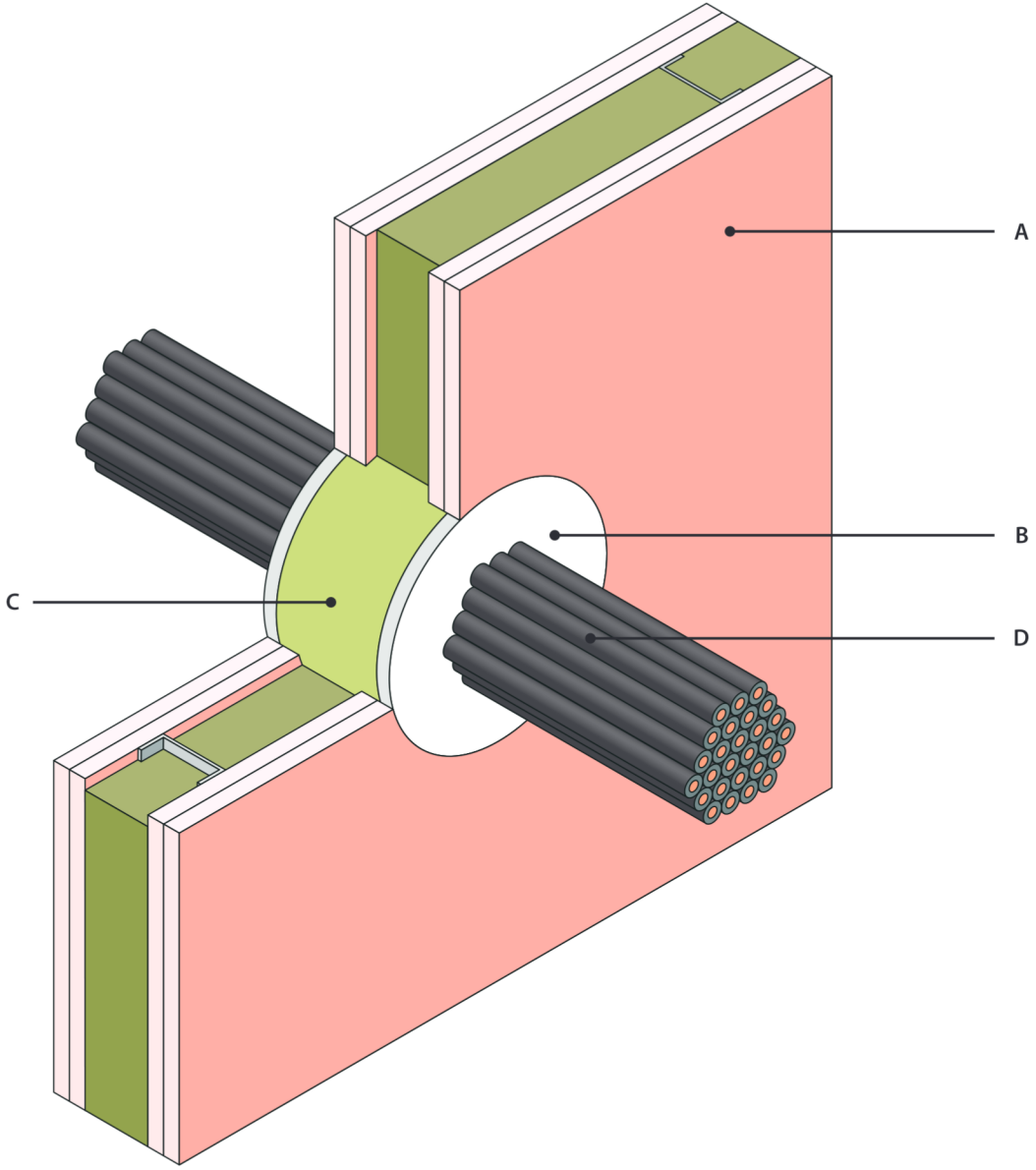
Firebreak 33 Silicone Sealant Penetration Seal: Installation Instructions

1. Review the current safety data sheets for the Firebreak 33 silicone sealant and any stone mineral wool to be incorporated within the fire seal before commencing installation.
2. Refer to the technical data sheet to establish the correct seal design to be used to achieve the required fire resistance performance.
3. Clean away any dust and other loose materials present on the penetrating services and the surfaces of the opening where the seal is to be fitted.
4. If required, apply protective paper masking tape around the opening and around the services in the plane of the wall surface.
5. Pack loose stone mineral wool tightly around and, where possible, between the penetrating services until the opening is fully filled whilst allowing for the application of a minimum 10mm thickness of Firebreak 33 silicone sealant to each face of the seal. Larger areas may be filled with appropriately sized pieces of stone mineral wool batt to speed installation.
6. Proceed to gun or trowel Firebreak 33 silicone sealant across the face of the seal ensuring all gaps between services are filled and a complete coverage achieved.
7. Using a wet spatula carefully smooth out the sealant to form a flat surface flush with the plane of the surface of the wall.
8. Repeat Items 4 to 7 on the other side of the seal.
9. Once dry, carefully remove any protective masking tape.



firebreak® Fire Safety by Design

© Neutron Fire Technologies Limited

Product:
Firebreak 33 Silicone Sealant.

Fire testing:
BS EN 1366-3, BS EN 1366-4 and BS1363-1

Fire resistance:
Up to 240 minutes.

Notes:

A - Dry line partition or masonry/block wall
B - 10mm Firebreak 33 Silicone Sealant
C - Stone mineral wool (64kg/m³)
D - Bunched cables

Manufacturer: neutron fire technologies limited

Authorised installer:

Client:

Project name:

Drawing title:
Firebreak 33 Silicone Wall Seal with Bunched Cables 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: **June 2022**

Drawing number: **F33W-CP-0034**

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**