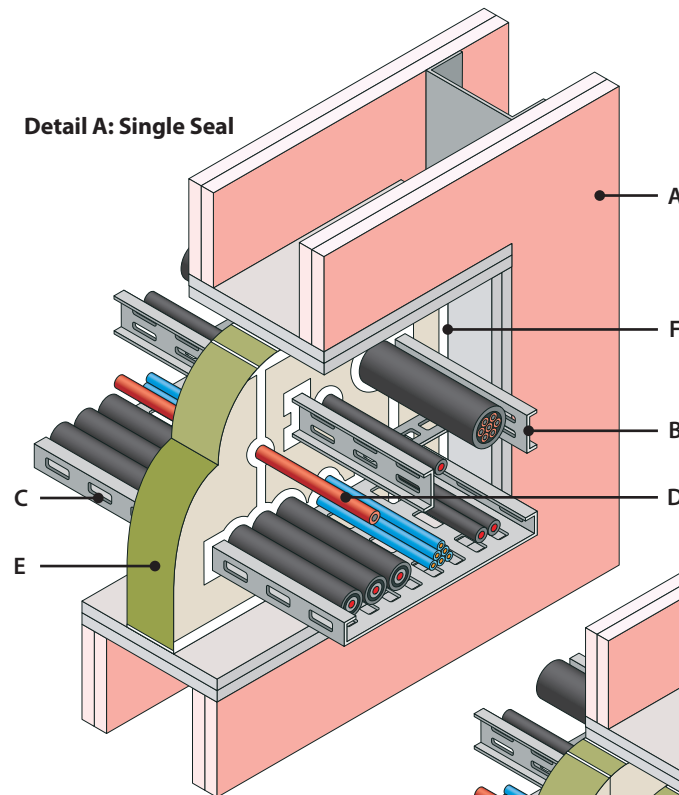


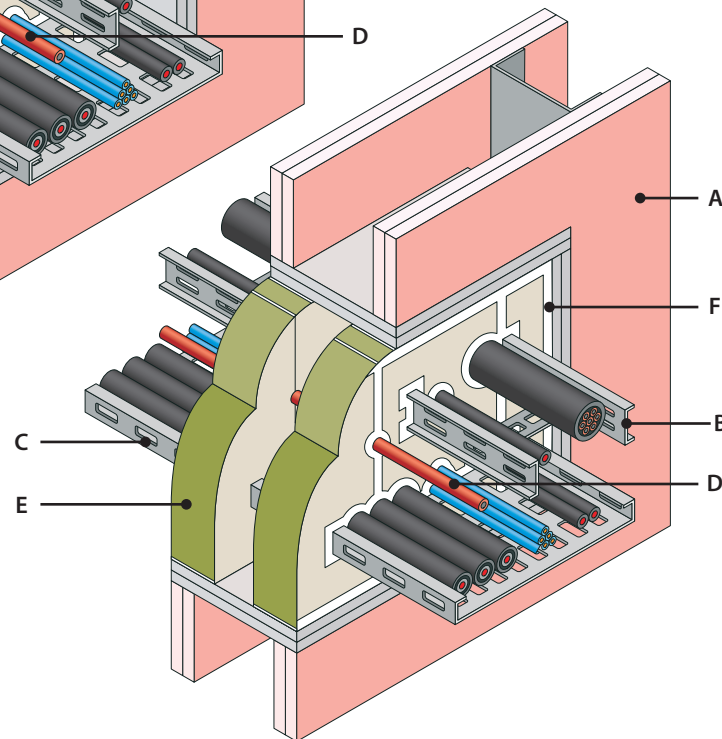
Firebreak Batts: Installation Instructions

1. Review the current safety data sheets for the Firebreak Batts; 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 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 batt seal is to be fitted.
4. Measure the opening size and the position of the services within the opening and transfer the dimensions onto the face of one or more batts using a marker pen. In doing this the objective is to fill the opening with as few separate pieces of batt as possible and to ensure that each piece has a good compressive fit between at least two opposing surfaces which have the required fire rating or are non-combustible services correctly supported on both sides of the seal.
5. Using a suitable safe cutting blade proceed to cut out the required pieces of batt such that when installed there will be a tight fit across the full width of contact faces of the batt sections.
6. Coat all of the edges of the first piece to be installed using Firebreak 22 trowel grade or cartridge/foil grade. Proceed to install the first batt section within the opening ensuring good alignment and a tight fit.
7. Repeat the procedure with the second and any subsequent batt sections in a methodical order always ensuring a tight fit with other batt sections, penetrating services and the sides of the opening.
8. Gun Firebreak 22 sealant for the full depth into any gaps that may still be present and apply a small bead of sealant around the edges on the opening and at junctions between batt sections and around services, smoothing with the use of a flexible pallet knife and water.
9. Repeat the item 8 procedure on the opposite side of the seal.
10. If a double (2# batt) seal is required either back to back or incorporating an air gap repeat items 3 to 8.
11. Clean any excess material from around the opening and/or on the services using a wet cloth.

Detail A: Single Seal



Detail B: Double Seal with Air Gap



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Product:

Firebreak Batts and Firebreak 22 sealant.

Fire testing:

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

Fire resistance:

Up to 240 minutes.

Notes:

A - Dry line partition or masonry/block wall

B - Cables on steel cable ladder

C - Cables on steel cable tray

D - Unsupported cable

E - Firebreak Batt

F - Firebreak 22 sealant

Manufacturer:

neutron
fire technologies limited

Authorised installer:

Client:

Project name:

Drawing title:

Single and Double Firebreak Batt Wall Seals with Cable Penetrations

Scale: **NTS**

Date: **December 2017**

Drawing number: **BW-CP-0064**

Revision number: **00**

Sheet size: **A4**

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