

NTN 058

FB750 Intubatt Installation

Nullifire
Smart Protection

Wall Seals

Before installation ensure opening is clean and free from dust a debris. FB750 Intubatt should be compression fitted on at least two opposite sides. In the event that the opening does not allow for this mechanical support may be required.

Mechanical Support

Mechanical support may be offered by a minimum 2mm gauge steel angle or by existing non combustible services. Non combustible services must cover at least 20% of the compressible area of the batt, whilst it opposite side must be fully compressed to a fire substrate.

Cut Pieces

Cut pieces should be kept to a minimum, plan your cuts to allow for the maximum sizes pieces possible. All cut pieces should be flush joints, angled cuts are neither tested or allowed within any FB750 Intubatt System unless it is to exactly complement the angle offered by the Fire Rated substrate or sleeve.

All cut pieces should be boded together using FS702 Intumastic. Machine edges may be dry fitted, however both faces must be pointed with FS702.

If installation can only be achieved from a single side a large fillet of FS702 should be applied to the opening of the blind side in-line with the expected end position of the FB750 Intubatt.

All services should be coated at the expected location of the FB750 Intubatt using Intucoat. All cut pieces should have fully mated edges and be bonded with FS702 Intumastic.

The exposed faces should be fully pointed using Intumastic and brushed our using Intucoat. All perimeter edges and points of services exits should have a 10-155mm fillet of FS702 Intumastic applied.

Cavity Block Walls

Cavity wall opening should be sealed in such away that fire may not enter the opening. This may be achieved by closing the cavity using FB750 Intubatt of by creating a double seal, one to each wall. Ensure that both the integrity and insulation requirement is reinstated. Acoustic requirements should also be considered if prevalent.

Single Skin Block Walls

Single skin block walls typically require only a single FB750 Intubatt seal. Always consider the integrity, insulation and acoustic requirements.

Plasterboard Constructions

Framed and lined openings: Single or double FB750 Intubatt dependent on requirements.

Framed Only Opening : Double FB750 Intubatt required.

Unframed Unlined Openings: Surface mounted FB750 Intubatt bonded and secured to both sides of the partition using steel fixings and penny washed at max 200mm centres. There is no requirements for the fixing to be into stud of framework. Fixings used in Nullifire testing do not penetrate through the dry wall skin. A minimum 75mm overlap is required, testing is available to reduce the overlap to 30mm along ceiling grid lines. If the opening ends at a soffit no overlap is required.

Technical Service

Nullifire have a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, on technical advise, please call our technical hub on 01942 251400