Technical Insulation
Passive Fire Protection
Great Britain & Ireland

K-Stop® Putty Cord

Installation Guide

Kingspan®

Contents

Installation Guide

General Guide

Minimum Separations and Limitations

Services can be sealed as specified in the detailed drawings. The product may be used to seal gaps between 0 mm and 10 mm surrounding services which may be angled between 90° and 45° in all directions. Minimum separation between apertures should be at least 30 mm. For larger joint dimensions or apertures other than described in the detailed drawings, Kingspan K-Stop® Intumescent Mastic Plus, Kingspan K-Stop® Coated Batt or Kingspan K-Stop® Compound Fire Mortar should be used. In areas with a high degree of humidity and/or in joints with excessive movement, Kingspan K-Stop® Firescreen Sealant or K-Stop® Coated Batt should be used.

Kingspan K-Stop® Putty Cord is supplied in strips with a round cross-section and are easy to fit with your thumbs; no tools are required.

Supporting Constructions

Flexible walls must have a minimum thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards. Rigid walls must have a minimum thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a minimum density of 650 kg/m³. Rigid floors must have a minimum thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650 kg/m³. The supporting construction must be classified in accordance with BS EN 13501-2: 2016 (Fire classification of construction products and building elements - Classification using data from fire resistance tests, excluding ventilation services) for the required fire resistance period.

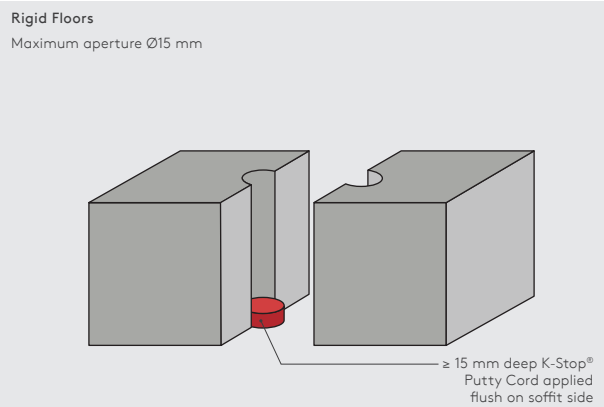
* Timber studs: no part of the penetration seal may be closer than 100 mm to a stud, and minimum 100 mm of insulation of class A1 or A2 according to BS EN 13501-1: 2018 (Fire classification of construction products and building elements - Classification using data from reaction to fire tests) must be provided within the cavity between the penetration seal and the stud.

Instructions

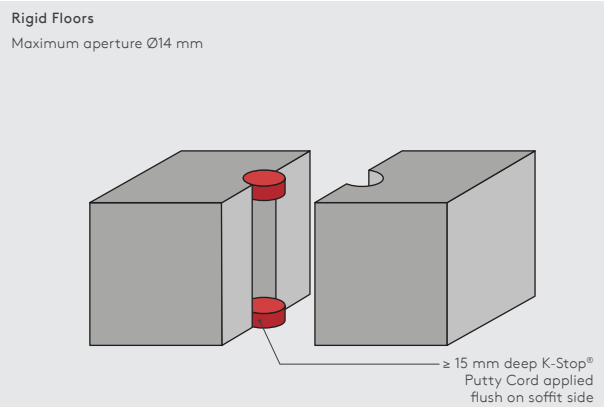
1. Before installing K-Stop® Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. To aid adhesion to porous substrates take a thumb size piece of the putty cord and gently rub over the required installation mounting area (especially important in soffit applications).
3. Where K-Stop® Putty Cord is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Kingspan Technical Insulation for guidance in these cases).
   For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
4. As K-Stop® Putty Cord is silicone based, in cases where corrosion protection is a problem; some metals may require a barrier between the putty and the metal surface prior to this installation.
5. When installing K-Stop® Putty Cord in hollow floor slabs or boards, fire seals should be installed from the soffit side of the floor assuming this product certification covers the application. Where this is not the case and only top-sided applications are approved, simply fire seal on both sides.
6. Place K-Stop® Putty Cord around the services so that it seals the services to the wall or floor all the way round.
7. Press K-Stop® Putty Cord into the wall or floor and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall or floor.

Rigid Floors

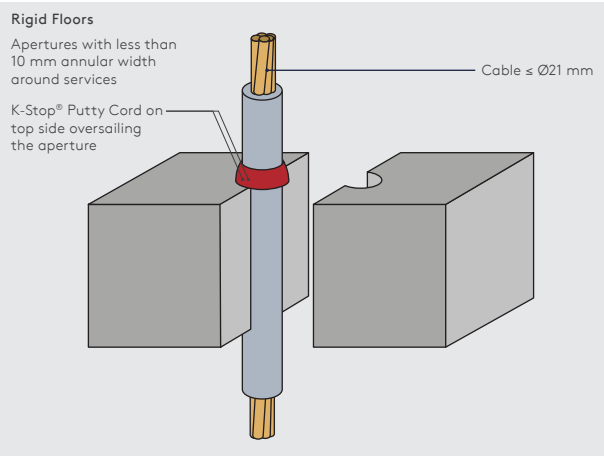
08PS/001 Blank Seal Fire Resistance EI 30 (E 120)



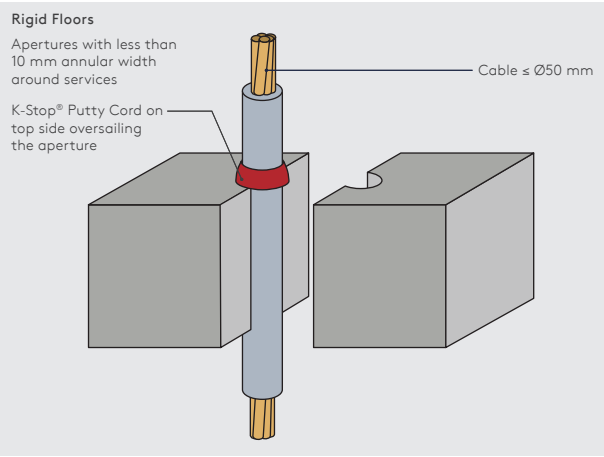
08PS/002 Blank Seal Fire Resistance EI 120 (E 120)



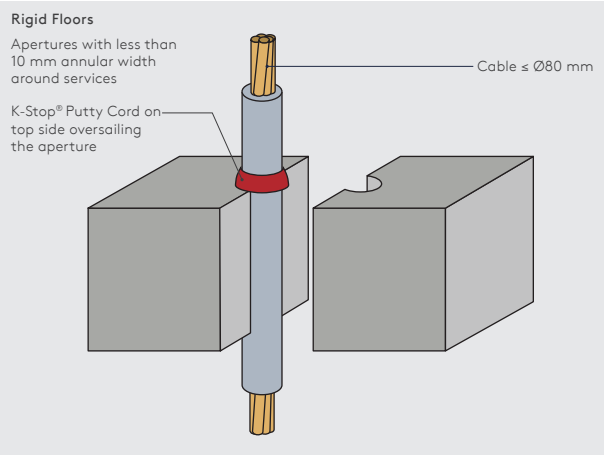
08PS/003 Cable Fire Resistance EI 120 (E 120)



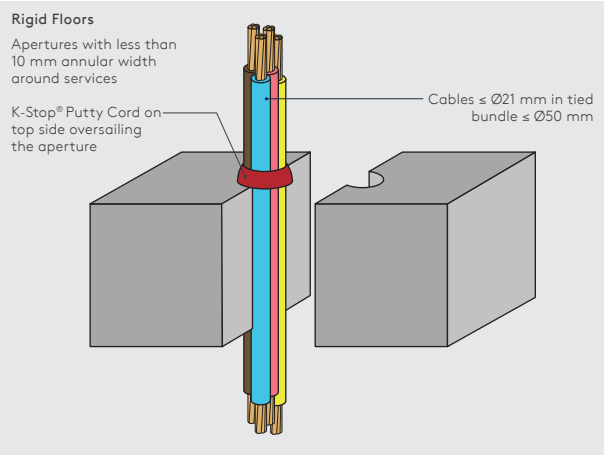
08PS/004 Cable Fire Resistance EI 90 (E 120)



08PS/005 Cable Fire Resistance EI 60 (E 120)

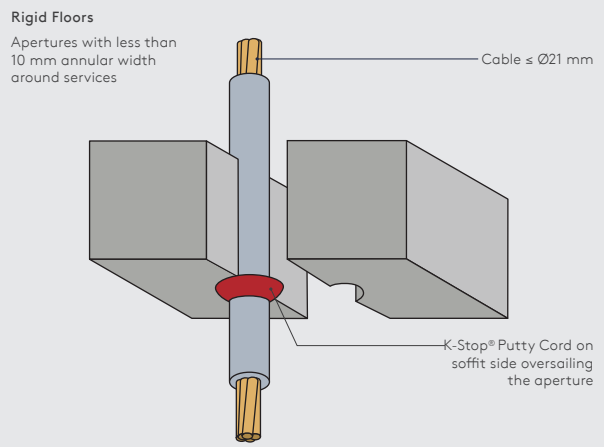


08PS/006 Cables Fire Resistance EI 60 (E 120)

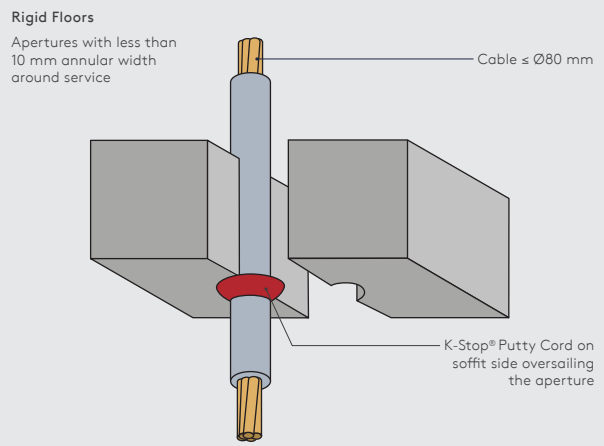


Rigid Floors

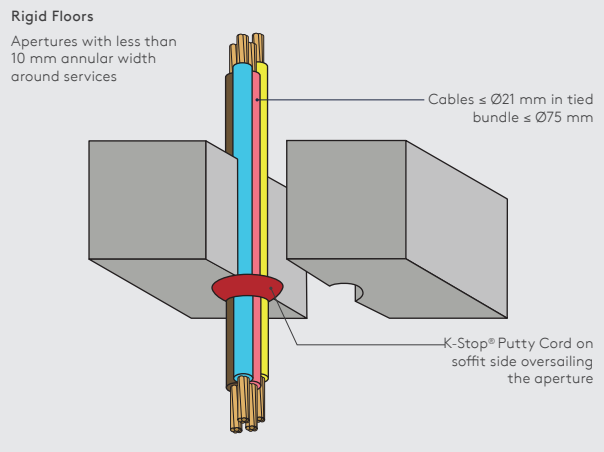
08PS/007 Cable Fire Resistance
EI 60 (E 120)



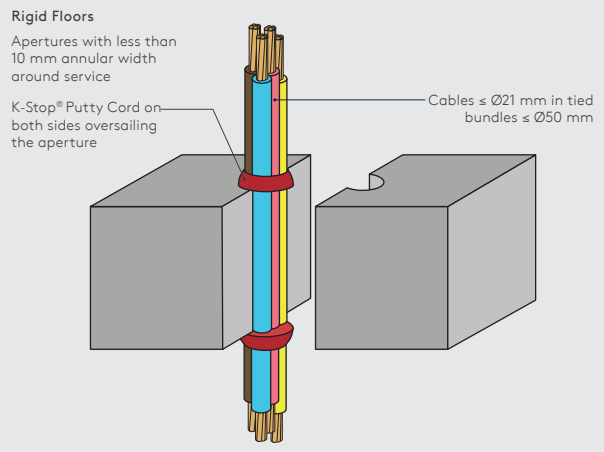
08PS/008 Cable Fire Resistance
EI 45 (E 90)



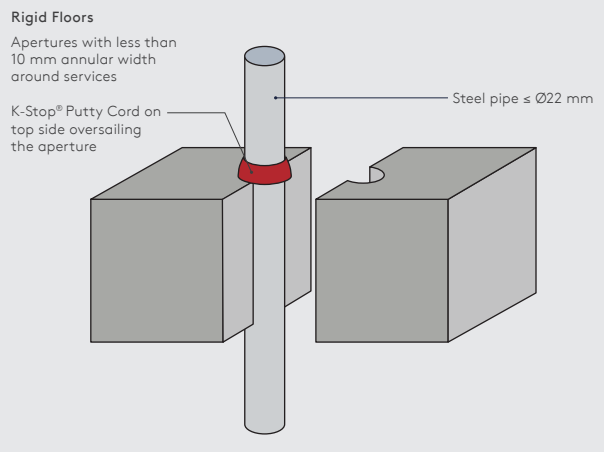
08PS/009 Cables Fire Resistance
EI 45 (E 60)



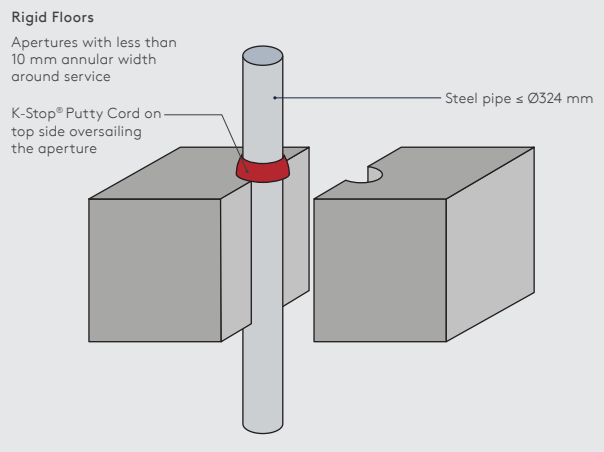
08PS/010 Cables Fire Resistance
EI 240 (E 240)



08PS/011 Steel Pipe Fire Resistance
EI 120 C/U (E 240 C/U)

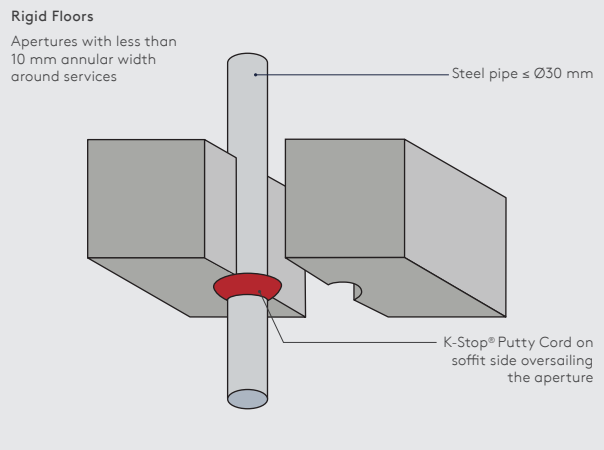


08PS/012 Steel Pipe Fire Resistance
EI 15 C/U (E 240 C/U)

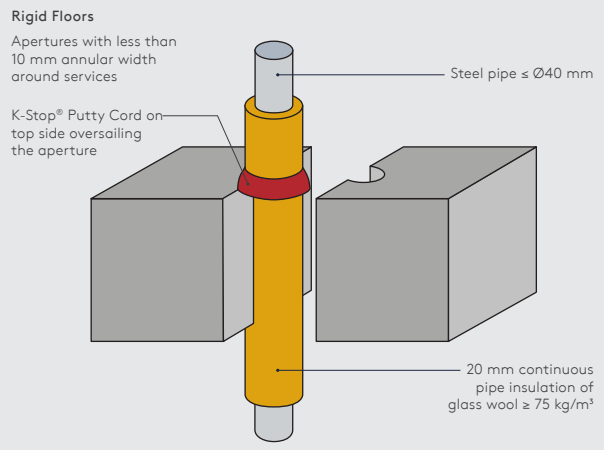


Rigid Floors

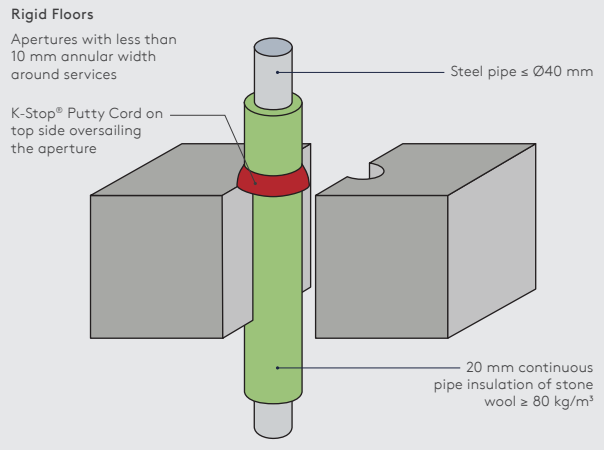
08PS/013 Steel Pipe Fire Resistance EI 45 C/U (E 120 C/U)



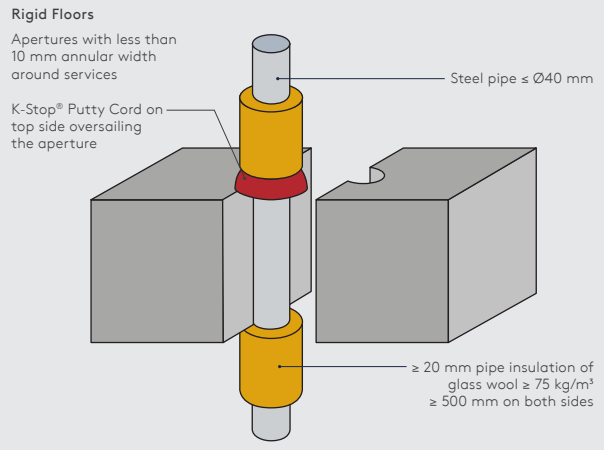
08PS/014 Steel Pipe Fire Resistance EI 120 C/U (E 180)



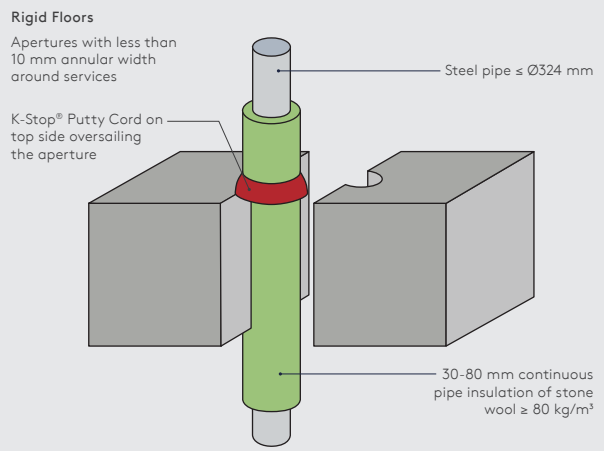
08PS/015 Steel Pipe Fire Resistance EI 240 C/U (E 240 C/U)



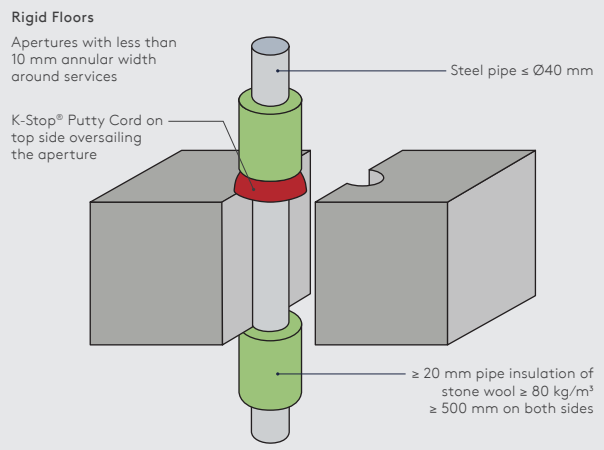
08PS/016 Steel Pipe Fire Resistance EI 180 C/C (E 180)



08PS/017 Steel Pipe Fire Resistance EI 240 C/U (E 240 C/U)

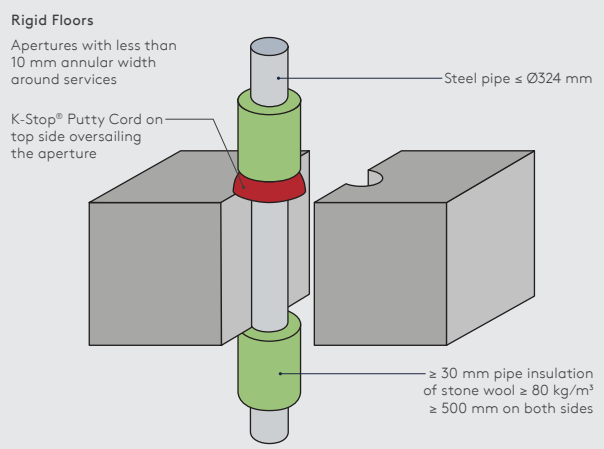


08PS/018 Steel Pipe Fire Resistance EI 240 C/U (E 240 C/U)

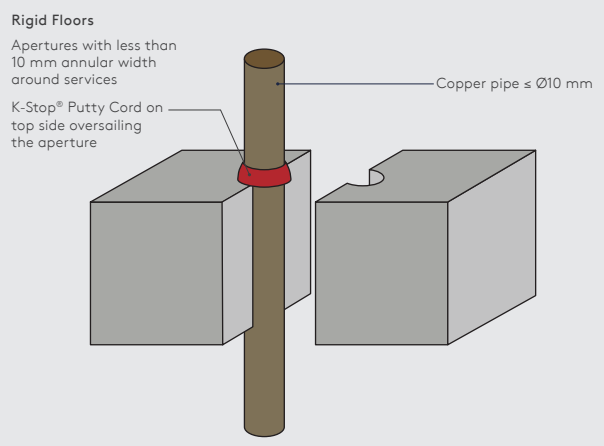


Rigid Floors

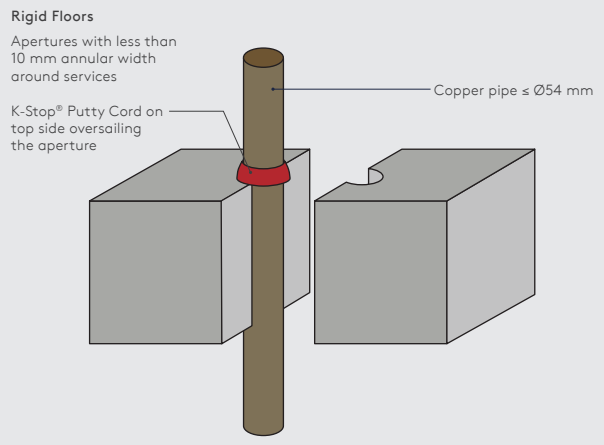
08PS/019 Steel Pipe Fire Resistance EI 60 C/U (E 240 C/U)



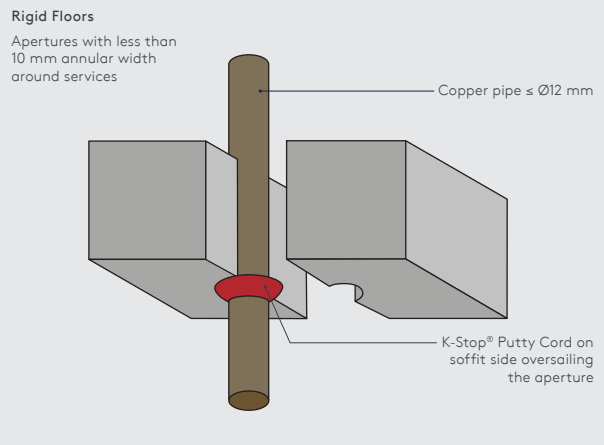
08PS/020 Copper Pipe Fire Resistance EI 90 C/C (E 120 C/C)



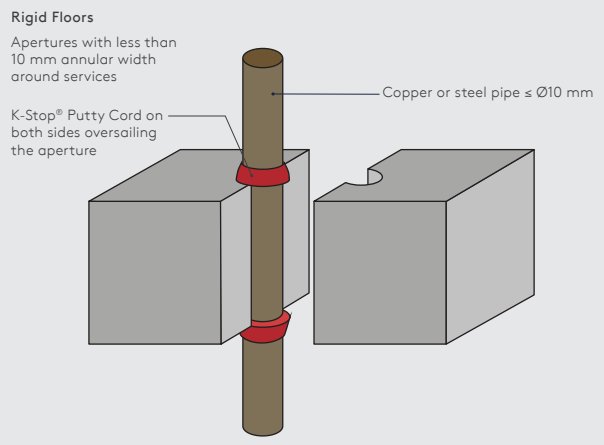
08PS/021 Copper Pipe Fire Resistance E 120 C/C



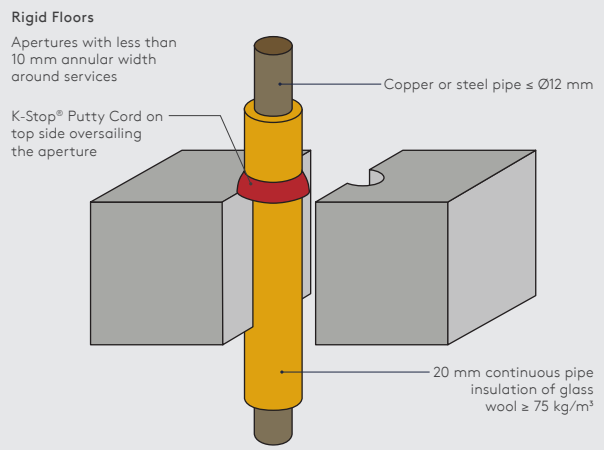
08PS/022 Copper Pipe Fire Resistance EI 30 C/C (E 120 C/C)



08PS/023 Copper or Steel Pipe Fire Resistance EI 180 C/C (E 240 C/C)

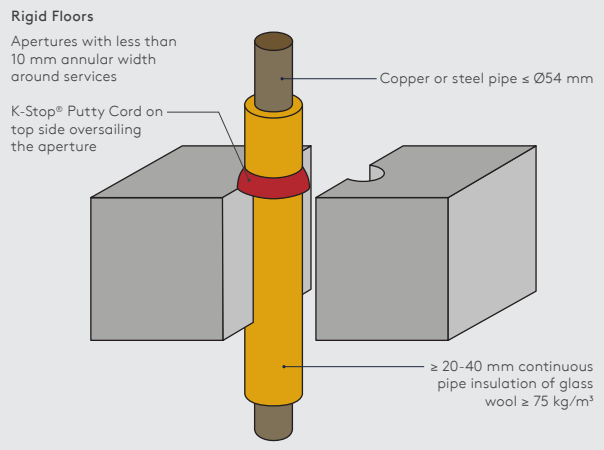


08PS/024 Copper or Steel Pipe Fire Resistance EI 90 C/C (E 240 C/C)

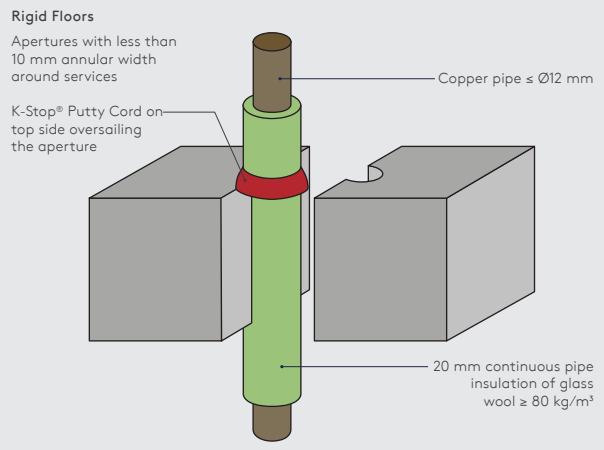


Rigid Floors

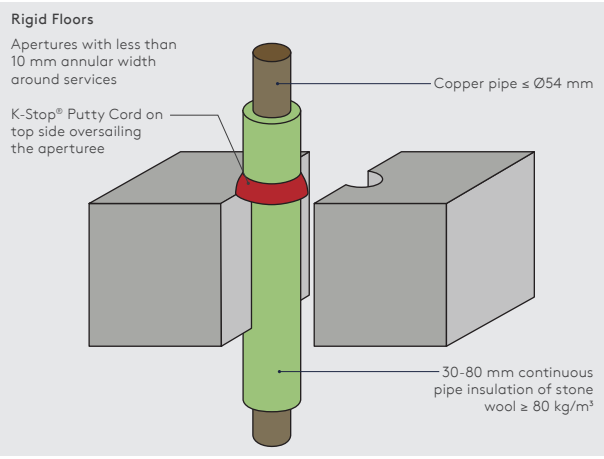
08PS/025 Copper or Steel Pipe Fire Resistance EI 90 C/C (E 90 C/C)



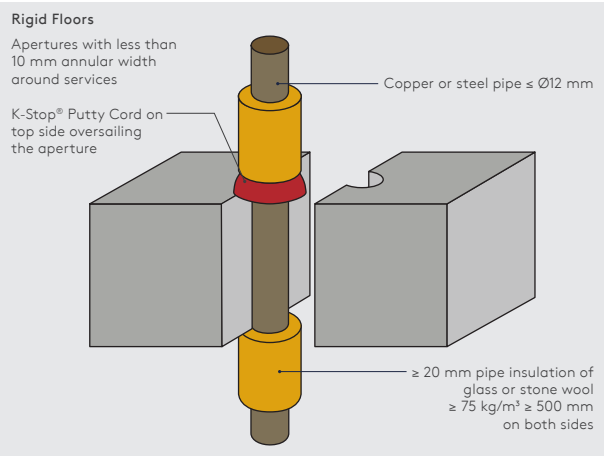
08PS/026 Copper Pipe Fire Resistance EI 240 C/C (E 240 C/C)



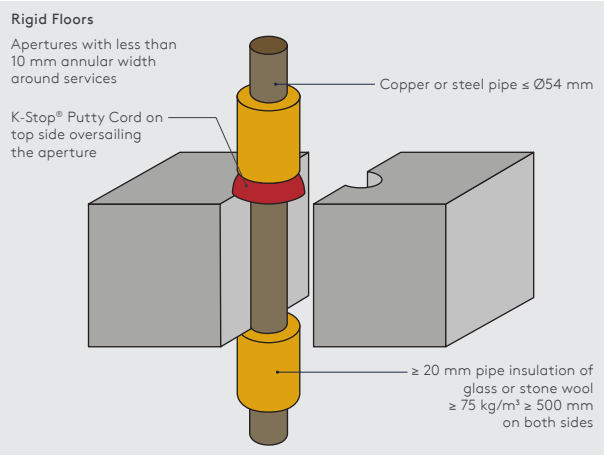
08PS/027 Copper Pipe Fire Resistance EI 240 C/C (E 240 C/C)



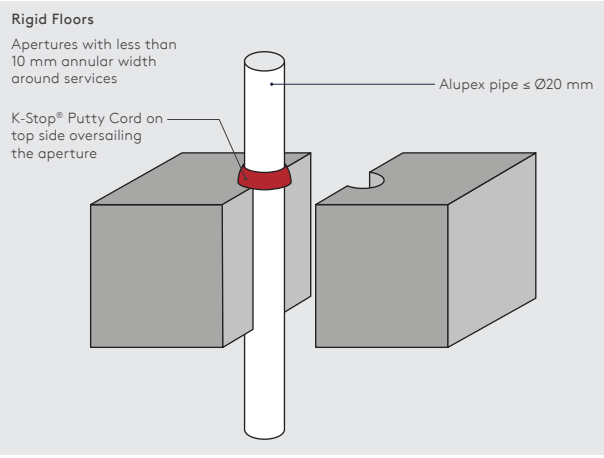
08PS/028 Copper or Steel Pipe Fire Resistance EI 240 C/C (E 240 C/C)



08PS/029 Copper or Steel Pipe Fire Resistance EI 120 C/C (E 180 C/C)

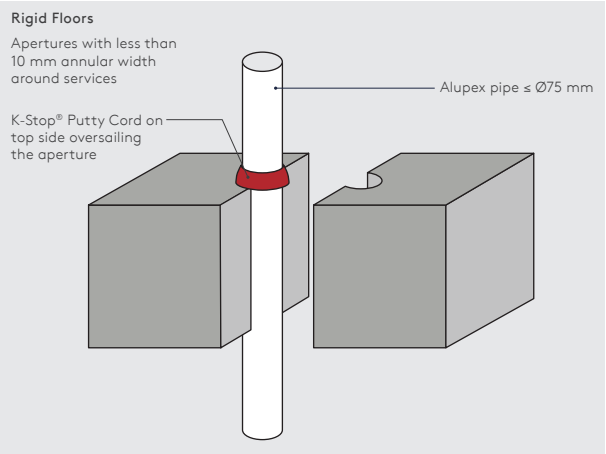


08PS/030 Alupex Pipe Fire Resistance EI 240 C/C (E 240 C/C)

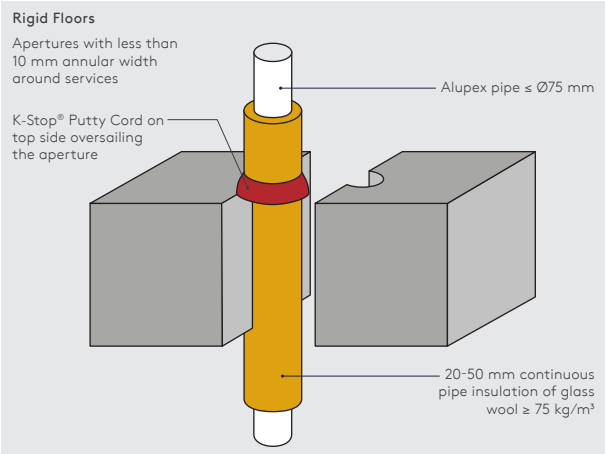


Rigid Floors

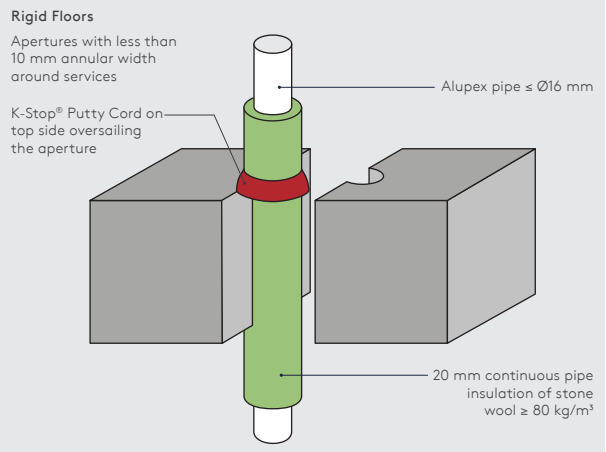
08PS/031 Alupex Pipe Fire Resistance EI 30 C/C (E 45 C/C)



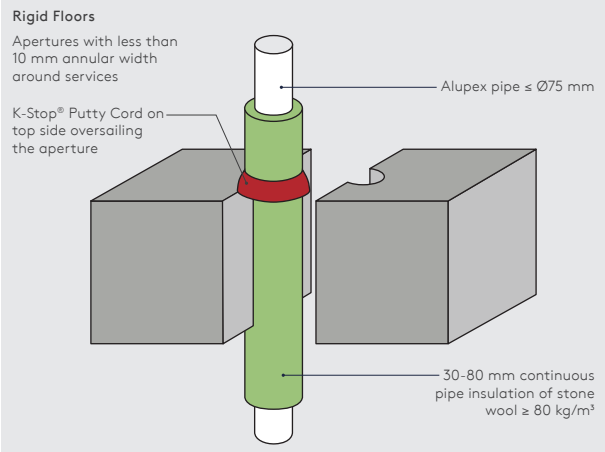
08PS/032 Alupex Pipe Fire Resistance EI 120 C/C (E 120 C/C)



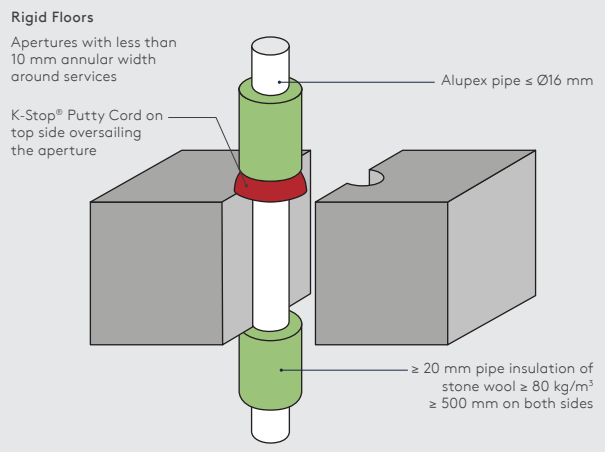
08PS/033 Alupex Pipe Fire Resistance EI 240 C/C (E 240 C/C)



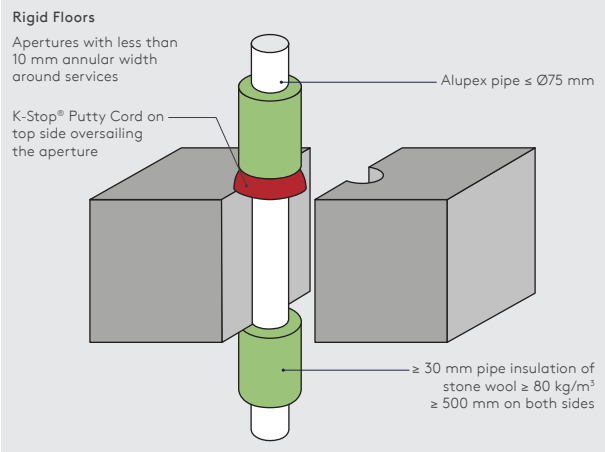
08PS/034 Alupex Pipe Fire Resistance EI 240 C/C (E 240 C/C)



08PS/035 Alupex Pipe Fire Resistance EI 240 C/C (E 240 C/C)

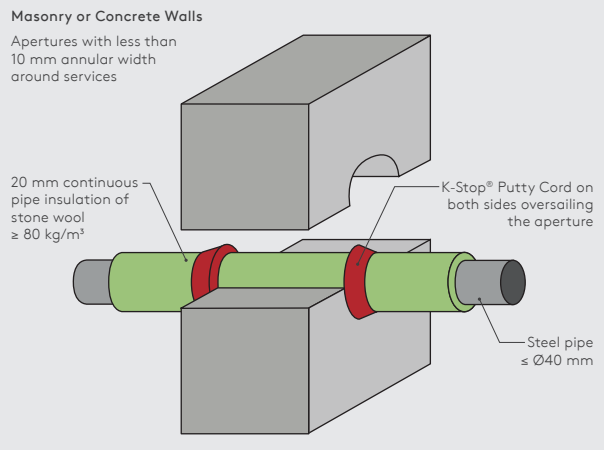


08PS/036 Alupex Pipe Fire Resistance EI 240 C/C (E 240 C/C)

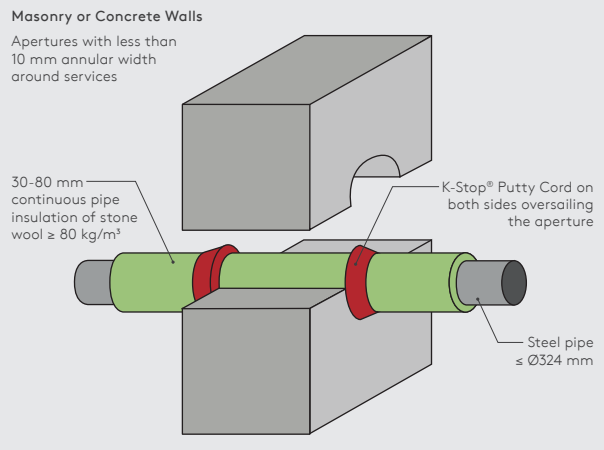


Masonry or Concrete Walls

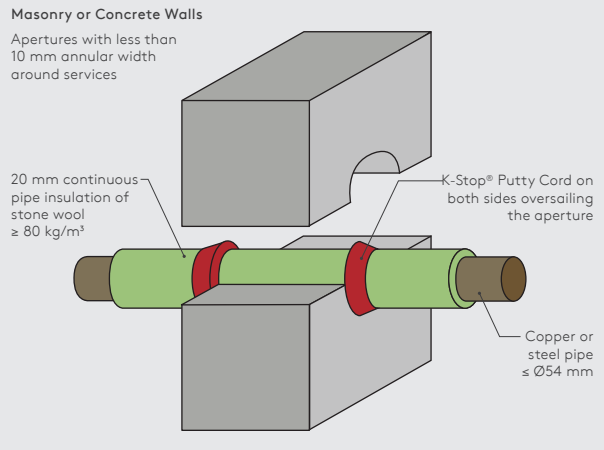
08PS/037 Steel Pipe Fire Resistance EI 120 C/U (E 120 C/U)



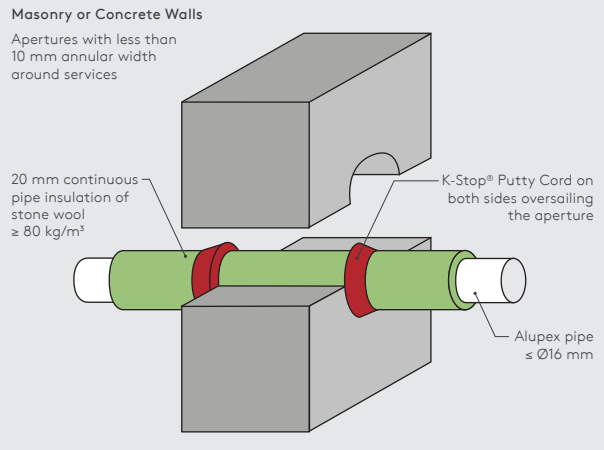
08PS/038 Steel Pipe Fire Resistance EI 180 C/U (E 240 C/U)



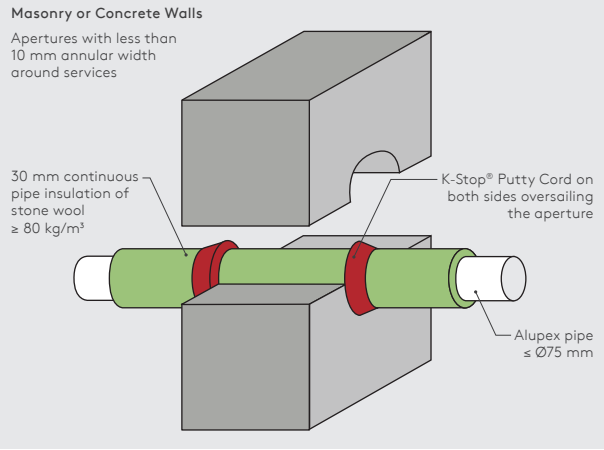
08PS/039 Copper or Steel Pipe Fire Resistance EI 120 C/C (E 240 C/C)



08PS/040 Alupex Pipe Fire Resistance EI 240 C/C (E 240 C/C)

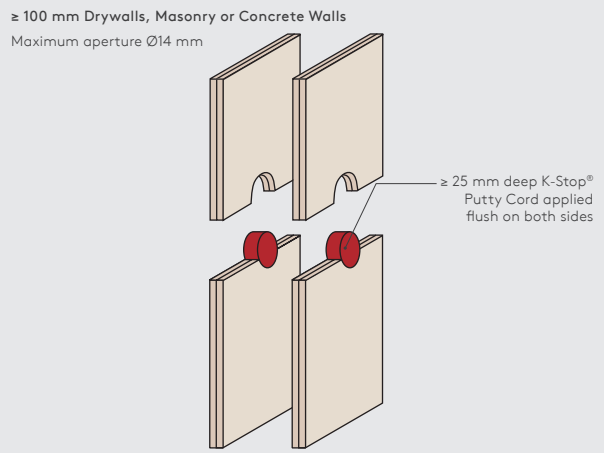


08PS/041 Alupex Pipe Fire Resistance EI 240 C/C (E 240 C/C)

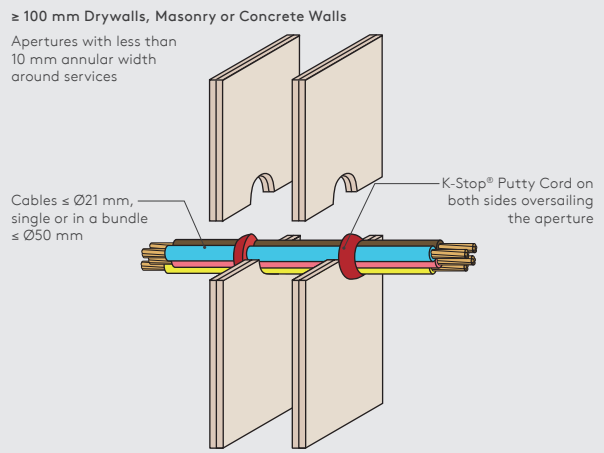


Drywalls, Masonry or Concrete Walls

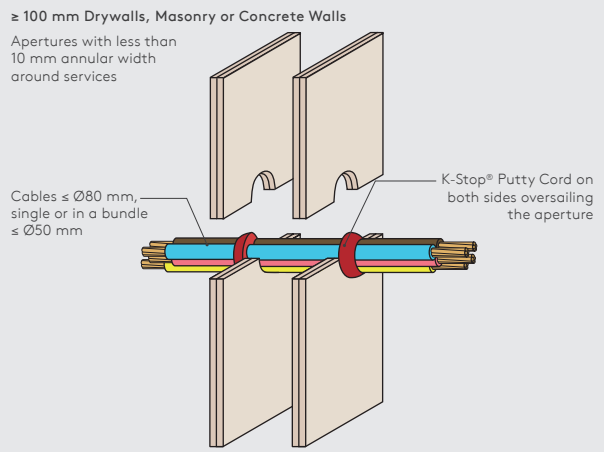
08PS/042 Blank Seal Fire Resistance EI 120 (E 120)



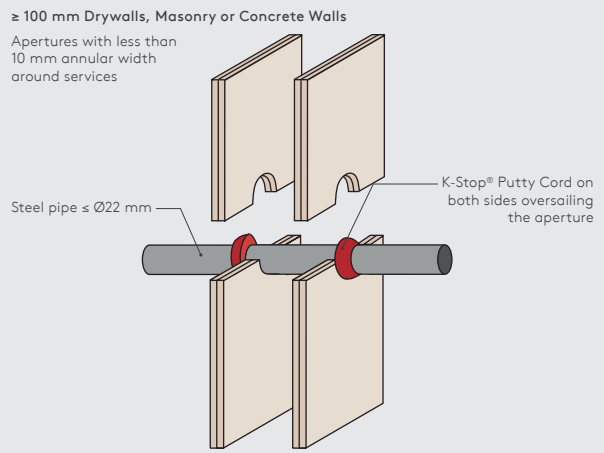
08PS/043 Cables Fire Resistance EI 120 (E 120)



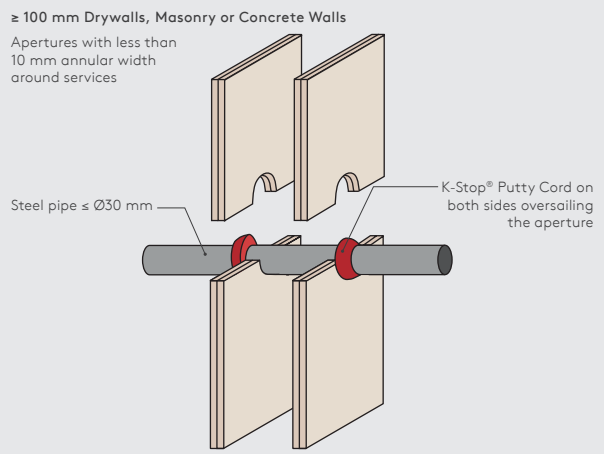
08PS/044 Cables Fire Resistance EI 60 (E 60)



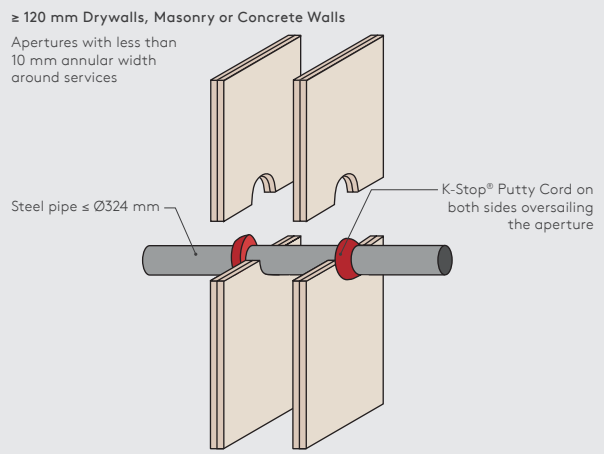
08PS/045 Steel Pipe Fire Resistance EI 120 C/U (E 120 C/U)



08PS/046 Steel Pipe Fire Resistance EI 45 C/U (E 120 C/U)

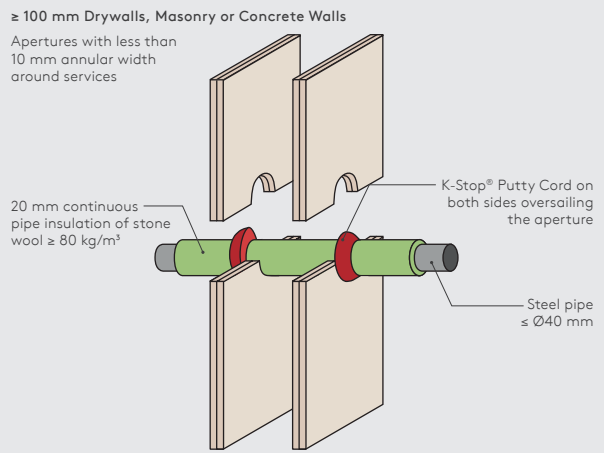


08PS/047 Steel Pipe Fire Resistance EI 20 C/U (E 90 C/U)

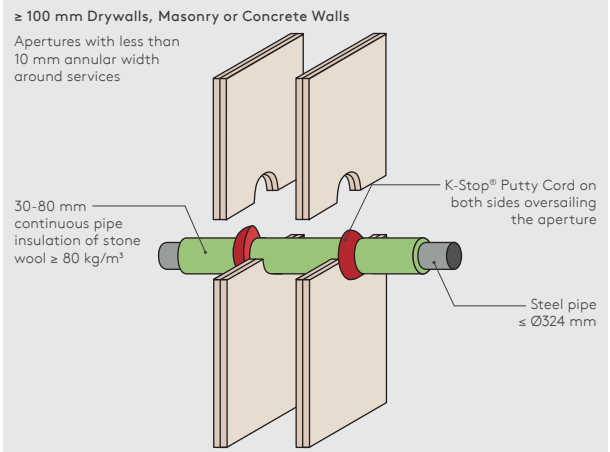


Drywalls, Masonry or Concrete Walls

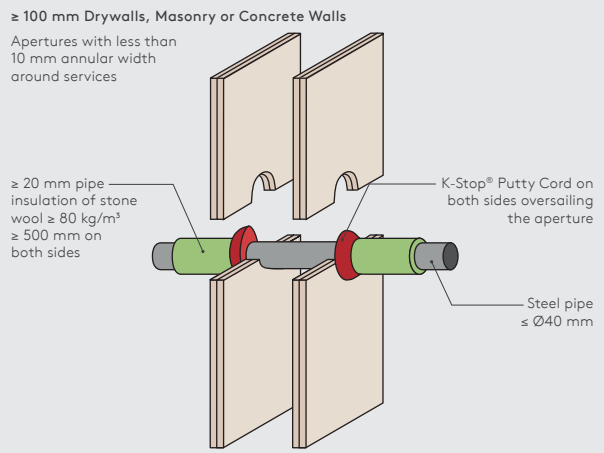
08PS/048 Steel Pipe Fire Resistance EI 120 C/U (E 120 C/U)



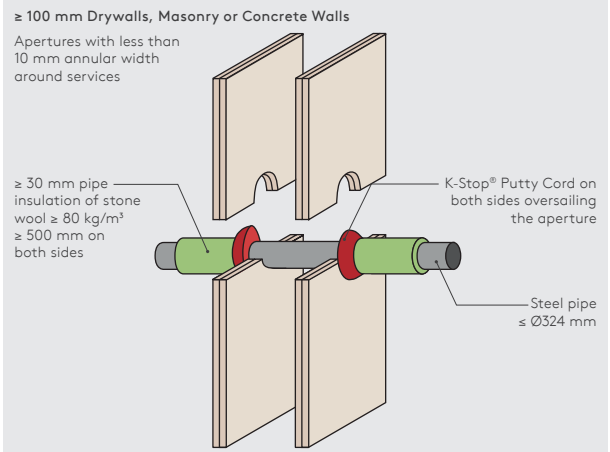
08PS/049 Steel Pipe Fire Resistance EI 60 C/U (E 90 C/U)



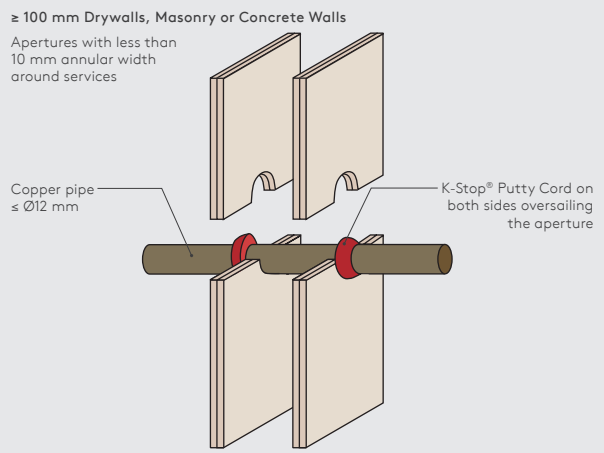
08PS/050 Steel Pipe Fire Resistance EI 120 C/U (E 120 C/U)



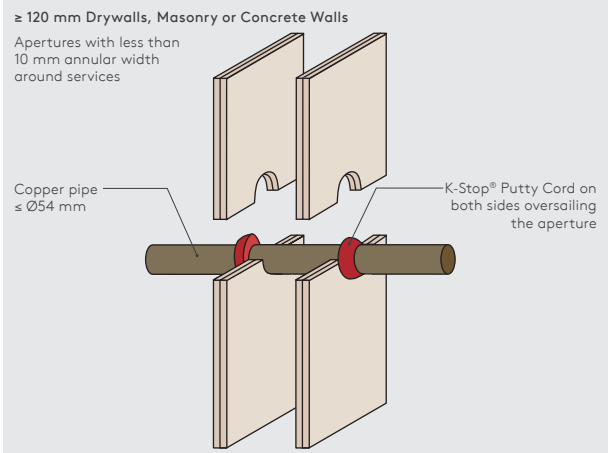
08PS/051 Steel Pipe Fire Resistance EI 120 C/U (E 120 C/U)



08PS/052 Copper Pipe Fire Resistance EI 60 C/C (E 120 C/C)

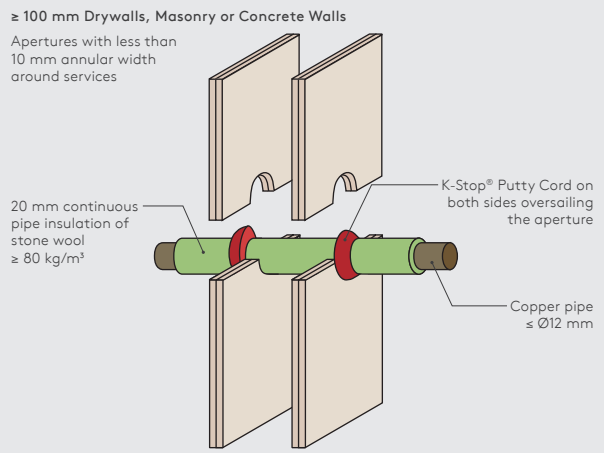


08PS/053 Copper Pipe Fire Resistance EI 15 C/C (E 90 C/C)

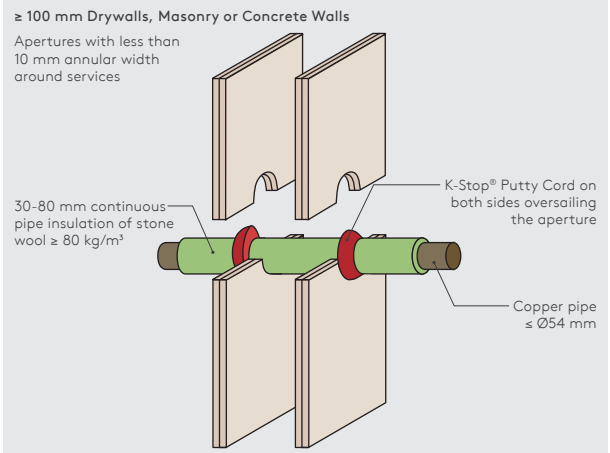


Drywalls, Masonry or Concrete Walls

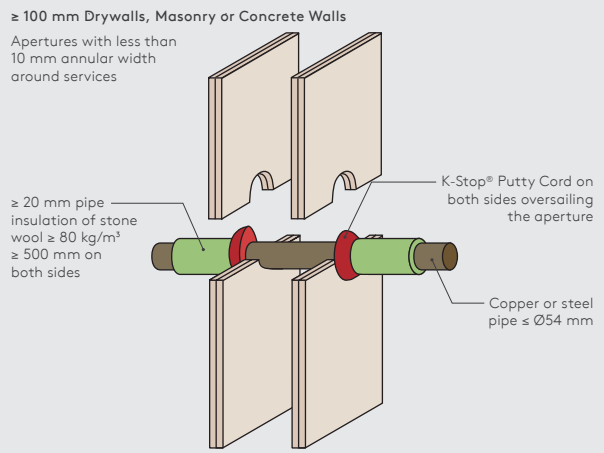
08PS/054 Copper Pipe Fire Resistance EI 60 C/C (E 90 C/C)



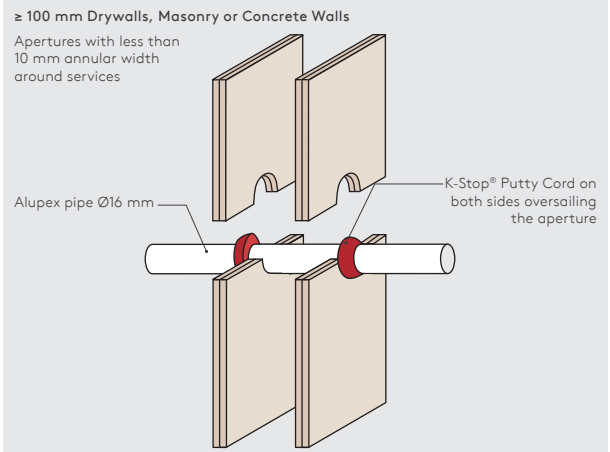
08PS/055 Steel Pipe Fire Resistance EI 60 C/U (E 90 C/U)



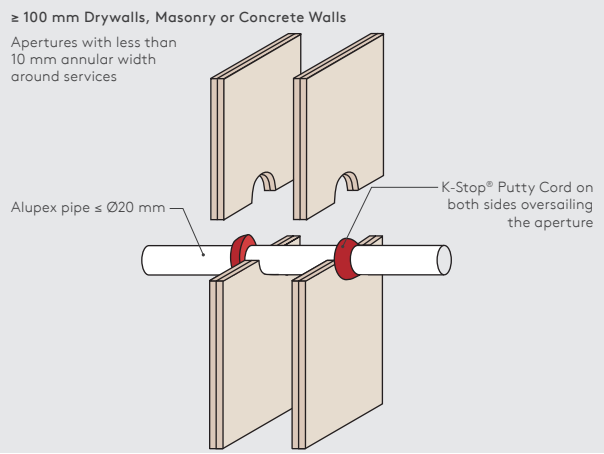
08PS/056 Copper or Steel Pipe Fire Resistance EI 60 C/C (E 90 C/C)



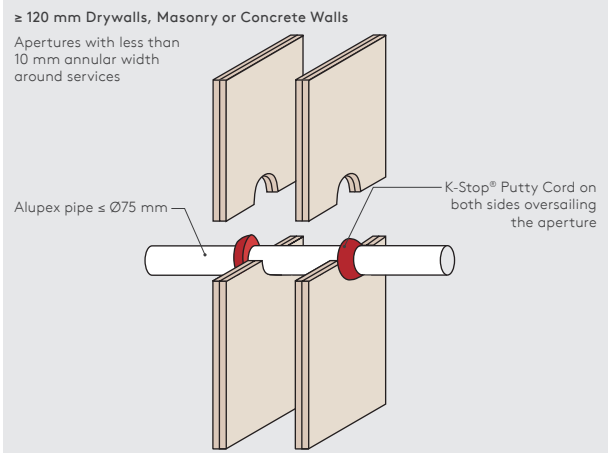
08PS/057 Alupex Pipe Fire Resistance EI 120 C/C (E 120 C/C)



08PS/058 Alupex Pipe Fire Resistance EI 90 C/C (E 120 C/C)

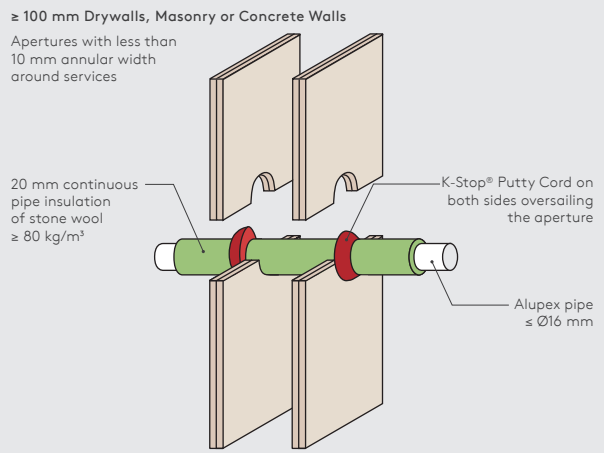


08PS/059 Alupex Pipe Fire Resistance EI 90 C/C (E 90 C/C)

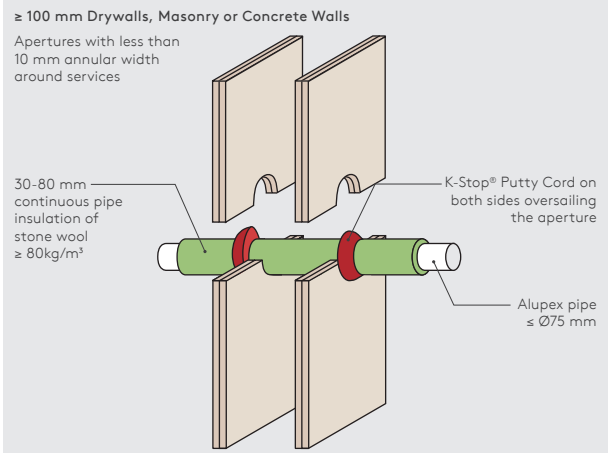


Drywalls, Masonry or Concrete Walls

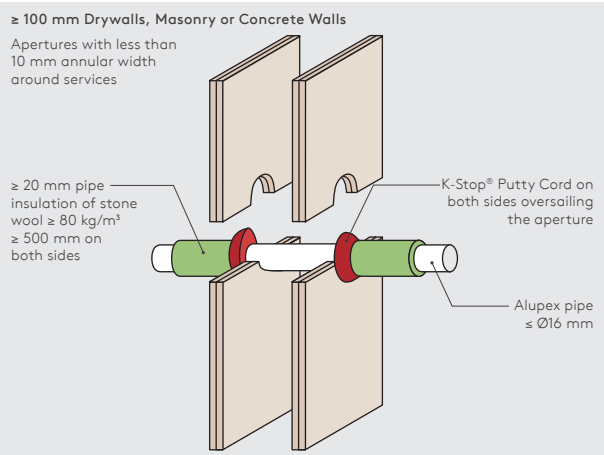
08PS/060 Alupex Pipe Fire Resistance EI 90 C/C (E 90 C/C)



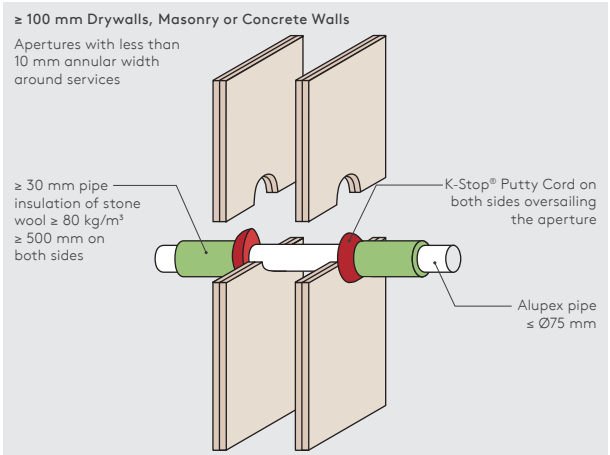
08PS/061 Alupex Pipe Fire Resistance EI 90 C/C (E 90 C/C)



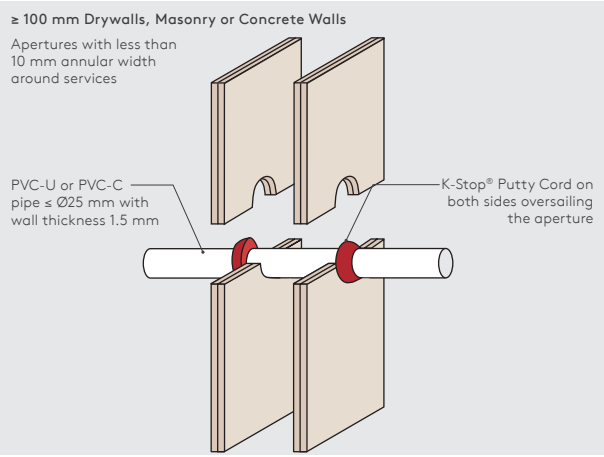
08PS/062 Alupex Pipe Fire Resistance EI 90 C/C (E 90 C/C)



08PS/063 Alupex Pipe Fire Resistance EI 90 C/C (E 90 C/C)



08PS/064 PVC Plastic Pipe Fire Resistance EI 60 C/C (E 60)



Contact Details

Great Britain

Kingspan Technical Insulation Ltd
Harvey Road | Burnt Mills Industrial Estate
Basildon | SS13 1QJ

T: +44 (0) 1524 388 898
E: sales.pfp@kingspan.com
www.kingspanpassivefireprotection.co.uk

For individual department contact details please visit
www.kingspantechnicalinsulation.co.uk/contacts

Ireland

Kingspan Insulation Ltd
Castleblayney | County Monaghan

T: +353 (0) 42 975 4219
E: sales.pfp@kingspan.com
www.kingspanpassivefireprotection.ie

Technical Data Sheet to
ETA 23/0791
0843-UKTA-23 0018

To check that you have the latest version of this brochure please visit **www.kingspanpassivefireprotection.co.uk** or scan the QR code directly above.

To access pre-existing product information or information relating to previously sold/ discontinued products please email info.kti@kingspan.com.

The information contained in this brochure is believed to be correct at the date of publication. Kingspan Technical Insulation Limited ("Kingspan Technical Insulation") reserves the right to alter or amend theproduct specifications without notice due to continuous improvement commitments. There may also be relevant changes between publications with regard to legislation, or other developments affecting the accuracy of the information contained in this brochure. Product thicknesses shown in this document should not be taken as being available ex-stock and reference should bemade to the current Kingspan Technical Insulation price-list or advice sought from Kingspan Technical Insulation's Customer Service Department. The information, technical details and fixing instructions etc. included in this literature are given in good faith and apply to uses described. Kingspan Technical Insulation does not accept responsibility for issues arising from using products in applications different from those described within this brochure or failure to correctly follow the information or instructions as described within this brochure. Recommendations for use should be verified with a suitable expert or professional for suitability and compliance with actual requirements, specifications and any applicable laws and regulations. For other applications or conditions of use, Kingspan Technical Insulation offers a technical advisory service (see above for contact details), the advice of which should be sought for uses of Kingspan Technical Insulation products that are not specifically described herein. Please check that your copy of this literature is current by contacting the Kingspan Technical Insulation Marketing Department.

Registered in England and Wales, No. 05571822. Registered Office: Harvey Road, Burnt Mills Industrial Estate, Basildon, SS13 1QJ, England. VAT GB872003452.

Registered in Ireland, No. 54621. Registered Office: Bree Industrial Estate, Castleblayney, Co. Monaghan, Ireland. VAT IE4575069I.

First Issue | 08/2025