

kaiflex pyrostar®



Designed to stop fire spread

Kaiflex Pyrostar is thin and flexible with a strong intumescent effect that tightly seals fire wall penetrations and prevents fire spread. Kaiflex Pyrostar is fibre free and features a closed cell structure to prevent any moisture ingress that could impact on performance.

Compatible with flexible and rigid insulation and extensively tested in real fire situations on combustible and non-combustible pipes passing through both light and solid wall constructions, Kaiflex Pyrostar fully maintains the fire wall integrity up to 120 minutes.

As a flexible solution which is easily cut to size, Kaiflex Pyrostar eliminates the need to order and retain a wide range of uniquely sized cuffs for each combination of pipe size and insulation thickness. One roll of Kaiflex Pyrostar can be adapted on site to seal almost any pipe penetration against fire spread.

- No material change necessary through fire rated walls
- Easy application, even in confined areas
- Effective and easy application
- High levels of safety at wall penetrations.
- Easy to fix



Kaiflex Pyrostar Technical Data

Material		Fibreglass finished with a graphine-based intumescent material	
Cell structure		Dark grey	
Thickness		approx. 1 mm	
Feuerwiderstandsklasse	Solid walls and ceilings Lightweight partition walls	R 90 / R 120 R 90 / R 120	In acc. with DIN 4102-11
National test certificate for a construction product (allg. bauaufsichtliches Prüfzeugnis, abP)		P-MPA-E-14-001	Valid until 27.04.2021
National technical approval (allg. bauaufsichtliche Zulassung, abZ)		Z-19.11-1687	Valid until 01.04.2021
General construction technique permit (allg. Bauartgenehmigung, aBG)	For combustible pipe work	Z-19.53-2460	Valid until 28.04.2025
Solid walls and ceilings	Thickness Iron & steel pipe Copper pipe Insulation thickness iron & steel pipe Insulation thickness copper pipe	≥150 mm ≤∅ 273 mm (synthetic rubber) ≤∅ 323,9 mm (foam glass) ≤∅ 88,9 mm ≤50 mm (synthetic rubber) ≤60 mm (foam glass) 10-39 mm (synthetic rubber) 25-30 mm (foam glass)	
Lightweight partition walls	Minimum thickness Iron & steel pipe Copper pipe Insulation thickness	For space enclosing, non bearing lightweight partition walls (F 90 - minimum thickness d ≥ 100 mm) ≤∅ 159 mm ≤∅ 88,9 mm 9-39 mm	

Kaiflex Pyrostar Fire wrap



Colour: Dark grey

Description	Order No.	Width mm	Length m
PYROSTAR-BSM-125/05	4004404	125	5
PYROSTAR-BSM-125/10	4004405	125	10

Kaiflex Pyrostar Accessories

Description	Format	Order No.	Pcs/ carton
 BMK Fire-protection compound	Cartridge 0.4 kg	4004406	12