



Designed to stop fire spread

Kaiflex Pyrostar is thin and flexible with a strong intumescing effect that tightly seals fire wall penetrations and prevents 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	R 90 / R 120	In acc. with DIN 4102-11
	Lightweight partition walls	R 90 / R 120	
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 per- mit (allg. Bauartgenehmigung, aBG)	For combustible pipe work	Z-19.53-2460	Valid until 28.04.2025
Solid walls and ceilings	Dicke	≥150 mm	
	Iron & steel pipe	≤Ø 273 mm (synthetic rubber) ≤Ø 323,9 mm (foam glass)	
	Copper pipe	≤Ø 88,9 mm	
	Insulation thickness iron & steel pipe	≤50 mm (synthetic rubber) ≤60 mm (foam glass)	
	Insulation thickness copper pipe	10-39 mm (synthetic rubber) 25-30 mm (foam glass)	
Lightweight partition walls	Minimum thickness	For space enclosing, non bearing lightweight partition walls (F 90 - minimum thickness d \geq 100 mm)	
	Iron & steel pipe	≤Ø 159 mm	
	Copper pipe	≤Ø 88,9 mm	
	Insulation thickness	9-39 mm	



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All values are based on results obtained under typical conditions of use. Recipient of these technical specifications are to check with Kaimann in advance if given values are meeting the specifications of intended area of application.