

product	Firetect® Flex strip
description	preformed graphite based flexible joint strip, highly intumescent
intended use	service closure for structural (expansion) joints, to form a penetration seal in case of fire to reinstate the fire resistance of fire compartments
certification	tested and certified by ETA-15/0630

directions for use	
important	- application must follow DoP No. CPR-15/0630-strip - constructive element must be classified acc. EN 13501-2 for the required fire resistance period
equipment	knife
surface preparation	- the penetration opening must be clean, dry and degreased; remove any debris and dust
application	structural joints - apply joint detail acc. application + configuration (see principle detail) - if required, cut end strip to size to cover entire structural joint; strip = 1,00 m ¹ - press strips butt end into constructive element, tight-fit and flush with wall or floor - seal remaining small gaps > 3mm with Acrylic or PA sealer
note	glue or rock wool backing is not required
finish & maintenance	- KLF recommends to label each fire seal with an unique ID in a (photo) log file - routine inspections on damage and repairs ensure sound fire protection management

additional product info	Firetect® is a registered brand of KLF © KLF Building Products disclaimer
charts field of application: - linear joints	
declaration of performance: - full DoP version: declaration of performance + ANNEX BWR2 + ANNEX A + ANNEX B; upon request - web DoP version: declaration of performance + ANNEX BWR2; other info can be downloaded at firetect.eu/download	 

specifications
Firetect® Flex strip

material	preformed foam based flexible joint strip with fire retardant fillers, highly intumescent
colour	black
fire resistance	EI 60 up to EI 240, depending on application and configuration
 tested acc.	EN 1366-4
classified acc.	EN 13501-1: Class E; EN 13501-2
acoustic performances	24 dB up to 58 dB, depending on application and configuration
 tested acc.	EN 10140-2 + ISO 717-1
	structural joints
environmental performance	
release of dangerous substances	none: non-formaldehyde, non-asbestos
use category	Z ₁ , internal use
application conditions	between +5 °C and +30 °C, max. 70% RH
adhesion	friction-fixed
acc. EAD 350141-00-1106	passed
max. movement	≤ 5 kPa; max. compression: 40%
acc. EAD 350141-00-1106	25%, friction-fixed
shrinkage	linear: ≤ 5%
packaging	1,00 m ¹ strips in carton; quantity depending on size
storage	store dry, between +5 °C and +30 °C, max. 70% RH, avoid condensation and UV
shelf life	infinite, if stored acc. instructions
operational temperature	between -30 °C and +100 °C
activation temperature	approx. +180 °C
flash point	not applicable
thermal conductivity	0.053 acc. ISO 8301
density	0.06 acc. ISO 845
practical coverage	no loss factor

available sizes T x W x L (mm)

strip for joint, min. 6 max. 11 mm	15 x 35 x 1000
strip for joint, min. 12 max. 34 mm	38 x 50 x 1000
strip for joint, min. 30 max. 50 mm	56 x 50 x 1000

limitations - use Silicone sealant for structural joints ≤ 100mm

transport & storage

- during transport: keep dry; do not stack pallets
- store dry; best kept in cool, dark conditions
- store on level ground; do not stack pallets
- HS code: 69031000

health & safety

- no specific restrictions
- work according to health & safety Directive and use appropriate PPE
- this product is classified as not dangerous under Regulation 1272/2008 and is in compliance with CLP regulations

