





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
equipment	knife
surface preparation	- the penetration opening must be clean, dry and degreased; remove any debris and dust
application	<p>structural joints</p> <ul style="list-style-type: none"> - apply joint detail acc. application + configuration (see chart FoA) - if required, cut end strip to size to cover entire structural joint; strip = 0,95 m¹ - 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	<ul style="list-style-type: none"> - 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	<p>Firetect® is a registered brand of KLF</p> <p>© KLF Building Products</p> <p>disclaimer</p>
charts field of application:	
- linear joints	
declaration of performance:	
- full DoP version: declaration of performance + charts field of application (FoA) + principle configurations	
- web DoP version: declaration of performance; other info can be downloaded at www.firetect.eu/download	
	 

specifications		Firetect [®] Flex strip
material		preformed graphite based flexible joint strip with fire retardant fillers, highly intumescent
colour		black
fire resistance		EI 30 up to EI 90, depending on application and configuration
	tested acc.	EN 1366-4
	classified acc.	EN 13501-1: Class F; 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 ₂ internal use
	application conditions	between +5 °C and +30 °C, max. 70% RH
	adhesion	not applicable (friction fitted)
	compression	25%: ≤ 5 kPa; 50%: ≤ 10 kPa
	shrinkage	linear: ≤ 5%
	max. movement	up to 50%, depending on size
	packaging	0,925 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
	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	Length x Width x Thickness (mm)
strip for joint approx. 11mm	925 x 15 x 30
strip for joint approx. 25mm	925 x 30 x 25 or 50
strip for joint approx. 50mm	925 x 56 x 50
	other sizes upon request

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

