



product	<b>Firetect® Flex strip</b>
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

<b>directions for use</b>	
<b>important</b>	- 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	<b>structural joints</b> - apply joint detail acc. application + configuration (see principle detail) - if required, cut end strip to size to cover entire structural joint; strip = 0,95 m <sup>1</sup> - 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
<b>note</b>	glue or rock wool backing is <b>not</b> 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

<b>additional product info</b>	Firetect® is a registered brand of KLF © KLF Building Products <a href="#">disclaimer</a>
charts field of application: - <a href="#">linear joints</a>	
<b>declaration of performance:</b> - 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 <a href="http://firetect.eu/download">firetect.eu/download</a>	 

**specifications**

**Firetect® Flex strip**

material preformed foam 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 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<sub>1</sub>, 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%

shrinkage linear: ≤ 5%

packaging 0,925 m<sup>1</sup> 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

