

product	Firetect® Flex plug
description	flexible cable plug with heat reactive components
intended use	service closure for structural openings for cable penetrations, to form a penetration seal in case of fire to reinstate the fire resistance of fire compartments
certification	tested and certified by ETA-14/0251

directions for use	
important	<ul style="list-style-type: none"> - application must follow DoP No. CPR-14/0251-plug - constructive element must be classified acc. EN 13501-2 for the required fire resistance period
equipment	none
surface preparation	<ul style="list-style-type: none"> - the penetration opening must be clean, dry and degreased; remove any debris and dust - with uneven surfaces and small gaps, <u>first</u> seal with Acrylic or PA sealer to improve smoke seal efficiency
installation	<ul style="list-style-type: none"> - position cable plug centrally in constructive element - install cables, possibly with PE cable conduit
finish & maintenance	<ul style="list-style-type: none"> - this product is maintenance-free if installed correctly - 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:	
- cable bundles	
declaration of performance:	
- full DoP version: declaration of performance + ANNEX BWR2 + ANNEX A; upon request	
- web DoP version: declaration of performance + ANNEX BWR2; other info can be downloaded at firetect.eu/download	



specifications

Firetect® Flex plug

material	flexible plug with heat reactive components, intumescent
colour	grey
fire resistance	EI 90 up to EI 240, depending on application and configuration
 tested acc.	EN 1366-3
classified acc.	EN 13501-1: Class F; EN 13501-2
environmental performance	Indoor Air Comfort Gold, AgBB, Blue Angel, Belgian Regulation, French VOC/CMR, M1
 product credits for	BREEAM, LEED v4
VOC tested acc.	ISO 11890-2 / ASTM D6886
formaldehyde tested acc.	EN 717-1 [§] : E1
release of dangerous substances	none: non-formaldehyde, non-asbestos
use category	Y ₁ , internal use
application conditions	between +5 °C and +30 °C, max. 70% RH
packaging	per 10 pieces in carton, 500 pieces per outerbox
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
practical coverage	no loss factor

available sizes

∅	20 mm
length	150 mm

limitations

none

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

