







product	Firetect® PA sealer
description	acrylic based putty-paste, slightly intumescent
intended use	service closure for structural joints and structural openings for pipe and 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-14/0273 + ETA-15/0630


directions for use	
important	- application must follow DoP No. CPR-14/0273+15/0630-paste - do <u>not</u> dilute; if necessary slightly stir
equipment	putty-knife or spatula
surface preparation	- ensure that service elements are firmly anchored with constructive elements on either side - the penetration opening must be clean, dry and degreased; remove any debris and dust - if aperture >30mm, use PA board; cut out service diameter and press board tight-fit in opening
application	structural openings for pipe penetrations - apply on 2 sides (walls + floors) - apply joint detail acc. application + configuration (see chart FoA); in general: joint width: min. 10mm (walls) + 15mm (floors) joint depth: min. 25mm; if required, use rock wool backing - avoid trapping air structural openings for cable penetrations - apply on 2 sides (walls + floors) - apply joint detail acc. application + configuration (see chart FoA) - avoid trapping air note with cable trays, coat back is not required for cables + trays + perimeters in PA board structural joints - apply joint detail acc. application + configuration (see chart FoA) use rock wool backing, min. 50 kg/m ³ - avoid trapping air
finish & maintenance	- avoid contact with water during curing - KLF recommends to label each fire seal with a 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:	
- PE/PP/PVC	
- aluPE-X	
- PE-Xa	
- copper + steel	
- cable trays	
- cable bundles	
- 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® PA sealer
material	acrylic putty-paste with fire retardant fillers, slightly intumescent
colour	white
fire resistance	EI 30 up to EI 240, depending on application and configuration
 tested and classified acc.	EN 1366-3 + EN 1366-4; EN 13501-1: Class F; EN 13501-2
smoke leakage control acc.	EN 1634-3: Sa - S200
acoustic performances	31 dB up to 60 dB, depending on application and configuration
 tested acc.	EN 10140-2 + ISO 717-1
	structural joints
environmental performance	EMICODE, Indoor Air Comfort Gold, AgBB, Blue Angel, Belgian Regulation, French VOC/CMR
 product credits for	BREEAM
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	Z ₂ internal use
application conditions	between +5 °C and +30 °C, max. 70% RH
adhesion	to most common construction materials: plaster, concrete, metals, plastics etc.
mix ratio	ready to use; do NOT dilute, if necessary slightly stir
dry and curing time	skin after ± 15 minutes, curing depending on joint size and environmental conditions
hardness	Shore A: 30-35
shrinkage	< 20%
max. movement	approx. 7%
overpaintable	with most alkyd or dispersion based coatings
cleaning equipment	after use, immediately clean with fresh water; remove dried product mechanically
packaging	pail 5kgs; 150 pails per pallet; other packaging upon request
storage	store dry, between +5 °C and +30 °C, max. 70% RH, avoid condensation and UV
shelf life	approx. 12 months in unopened original packaging, if stored acc. instructions
activation temperature	approx. +160 °C
flash point	> +100 °C
pH	approx. 8,1
specific gravity	approx. 1,61
practical coverage	allow loss factor

limitations	<ul style="list-style-type: none"> - use Silicone sealant or Flex strip for structural joints at conditions exposed to weathering - use Graphite sealant for PE/PP/PVC ≥ Ø63mm
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transport & storage	<ul style="list-style-type: none"> - during transport: keep dry and protect from frost; do not stack pallets - store dry; protect from frost; best kept in cool, dark conditions - store on level ground; do not stack pallets - HS code: 32149000 	
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health & safety	<ul style="list-style-type: none"> - 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 	
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