

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	
	<p>important - application must follow DoP No. CPR-14/0273+15/0630-paste - constructive element must be classified acc. EN 13501-2 for the required fire resistance period</p>
equipment	putty-knife or spatula
surface preparation	<p>- ensure that penetration services are firmly anchored with constructive element on either side; support services; support distance: see principle detail - 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 - do <u>not</u> dilute putty-paste; if necessary slightly stir</p>
application	<p>structural openings for pipe penetrations</p> <ul style="list-style-type: none"> - apply on 2 sides (walls + floors) - apply joint detail acc. application + configuration (see principle detail); in general: joint width: min. 10mm (walls) + 15mm (floors) joint depth: min. 25mm; if required, use rock wool backing - avoid trapping air - fasten glass wool or rock wool individually (not wrapped!) with steel wire <p>structural openings for cable penetrations</p> <ul style="list-style-type: none"> - apply on 2 sides (walls + floors) - apply joint detail acc. application + configuration (see principle detail) - avoid trapping air <p>note with cable trays, coat back is not required for cables + trays + perimeters in PA board</p> <p>structural joints</p> <ul style="list-style-type: none"> - apply joint detail acc. application + configuration (see principle detail) use rock wool backing, min. 50 kg/m³ - avoid trapping air
finish & maintenance	<p>- 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</p>

additional product info		Firetect® is a registered brand of KLF
charts field of application:		© KLF Building Products
- PE/PVC	- cast iron	disclaimer
- aluPE-X	- cable trays	
- PE-Xa	- cable bundles	
- copper	- linear joints	
- steel		
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® 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; SVHC free
EPD	reg.no S-P-09706
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.
acc. EAD 350141-00-1106	passed
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	12,5%
acc. EAD 350141-00-1106	7,5%, self-adhering
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

- use Silicone sealant or Flex strip for structural joints at conditions exposed to weathering
- use Graphite sealant for PE/PP/PVC ≥ Ø63mm

transport & storage

- 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



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

