









product	<b>Firetect® Acrylic sealant</b>
description	acrylic based mastic, 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

<b>directions for use</b>	
	<p><b>important</b> - application must follow DoP No. CPR-14/0273+15/0630-acrylic</p> <p>- constructive element must be classified acc. EN 13501-2 for the required fire resistance period</p>
equipment	caulking gun
surface preparation	<p>- ensure that penetration services are firmly anchored with constructive element on either side; support services; support distance: see principle detail</p> <p>- the penetration opening must be clean, dry and degreased; remove any debris and dust</p> <p>- if aperture &gt;30mm, use PA board; cut out service diameter and press board tight-fit in opening</p>
application	<p><b>structural openings for pipe penetrations</b></p> <ul style="list-style-type: none"> <li>- apply on 2 sides (walls + floors)</li> <li>- apply joint detail acc. application + configuration (see principle detail); in general: <ul style="list-style-type: none"> <li>joint width: min. 10mm (walls) + 15mm (floors)</li> <li>joint depth: min. 25mm; if required, use rock wool backing</li> </ul> </li> <li>- avoid trapping air</li> <li>- fasten glass wool or rock wool individually (not wrapped!) with steel wire</li> </ul> <p><b>structural openings for cable penetrations</b></p> <ul style="list-style-type: none"> <li>- apply on 2 sides (walls + floors)</li> <li>- apply joint detail acc. application + configuration (see principle detail)</li> <li>- avoid trapping air</li> </ul> <p><b>note</b> with cable trays, coat back is <b>not</b> required for cables + trays + perimeters in PA board</p> <p><b>structural joints</b></p> <ul style="list-style-type: none"> <li>- apply joint detail acc. application + configuration (see principle detail)</li> <li>use rock wool backing, min. 50 kg/m<sup>3</sup></li> <li>- avoid trapping air</li> </ul>
finish & maintenance	<p>- avoid contact with water during curing</p> <p>- KLF recommends to label each fire seal with a unique ID in a (photo) log file</p> <p>- routine inspections on damage and repairs ensure sound fire protection management</p>

<b>additional product info</b>	<p>Firetect® is a registered brand of KLF</p> <p>© KLF Building Products</p> <p><a href="#">disclaimer</a></p>
charts field of application:	
<ul style="list-style-type: none"> <li>- PE/PVC</li> <li>- aluPE-X</li> <li>- PE-Xa</li> <li>- copper</li> <li>- steel</li> <li>- cable trays</li> <li>- cable bundles</li> <li>- linear joints</li> </ul>	
declaration of performance:	
<ul style="list-style-type: none"> <li>- full DoP version: declaration of performance + ANNEX BWR2 + ANNEX A + ANNEX B; upon request</li> <li>- web DoP version: declaration of performance + ANNEX BWR2; other info can be downloaded at <a href="http://firetect.eu/download">firetect.eu/download</a></li> </ul>	
	 

**specifications**

**Firetect® Acrylic sealant**

material	acrylic mastic with fire retardant fillers, slightly intumescent
colour	white
<b>fire resistance</b>	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
<b>acoustic performances</b>	31 dB up to 60 dB, depending on application and configuration
 tested acc.	EN 10140-2 + ISO 717-1
	structural joints
<b>environmental performance</b>	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 <sup>§</sup> : E1
release of dangerous substances	none: non-formaldehyde, non-asbestos
use category	Z <sub>2</sub> 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
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	cartridge 310ml; 25 cartridges per carton, 64 cartons 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	1 cartridge 310ml per m <sup>1</sup> with joint 20x15mm (wxd)

**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

